

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086292.D
 Acq On : 16 Apr 2025 13:14
 Operator : JC\MD
 Sample : VN0416WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 03:06:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	223172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	407332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173008	53.460	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.920%			
35) Dibromofluoromethane	8.165	113	105236	55.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.340%			
50) Toluene-d8	10.565	98	551979	54.632	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.260%			
62) 4-Bromofluorobenzene	12.847	95	197374	53.558	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54889	20.748	ug/l	98
3) Chloromethane	2.359	50	73640	19.153	ug/l	99
4) Vinyl Chloride	2.512	62	72012	19.627	ug/l	99
5) Bromomethane	2.959	94	35852	21.723	ug/l	99
6) Chloroethane	3.124	64	46393	18.893	ug/l	99
7) Trichlorofluoromethane	3.501	101	80825	19.887	ug/l	95
8) Diethyl Ether	3.959	74	34233	19.294	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	48530	19.739	ug/l	98
10) Methyl Iodide	4.589	142	59815	22.129	ug/l	98
11) Tert butyl alcohol	5.506	59	61056	103.402	ug/l	99
12) 1,1-Dichloroethene	4.342	96	50790	19.336	ug/l	97
13) Acrolein	4.177	56	37096	127.326	ug/l	97
14) Allyl chloride	5.024	41	85613	18.335	ug/l	98
15) Acrylonitrile	5.718	53	144663	99.107	ug/l	99
16) Acetone	4.424	43	122285	106.004	ug/l	98
17) Carbon Disulfide	4.712	76	143642	18.263	ug/l	100
18) Methyl Acetate	5.024	43	71275	18.348	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	185776	19.240	ug/l	98
20) Methylene Chloride	5.277	84	58313	19.491	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	53284	19.403	ug/l	94
22) Diisopropyl ether	6.671	45	190187	18.723	ug/l	98
23) Vinyl Acetate	6.600	43	679753	95.728	ug/l	99
24) 1,1-Dichloroethane	6.571	63	102692	19.160	ug/l	99
25) 2-Butanone	7.477	43	197426	98.009	ug/l	99
26) 2,2-Dichloropropane	7.488	77	94224	19.635	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	65425	19.195	ug/l	99
28) Bromochloromethane	7.812	49	50709	22.314	ug/l	97
29) Tetrahydrofuran	7.835	42	128288	95.239	ug/l	99
30) Chloroform	7.965	83	101723	19.321	ug/l	99
31) Cyclohexane	8.253	56	100612	19.184	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	88042	19.548	ug/l	97
36) 1,1-Dichloropropene	8.371	75	74728	19.791	ug/l	100
37) Ethyl Acetate	7.559	43	78235	19.680	ug/l	98
38) Carbon Tetrachloride	8.359	117	71510	19.887	ug/l	99
39) Methylcyclohexane	9.600	83	88385	19.693	ug/l	98
40) Benzene	8.606	78	239253	19.776	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	46759	20.295	ug/l	98
42) 1,2-Dichloroethane	8.665	62	76607	19.857	ug/l	100
43) Isopropyl Acetate	8.682	43	152965	20.057	ug/l	98
44) Trichloroethene	9.347	130	57388	20.014	ug/l	96
45) 1,2-Dichloropropane	9.618	63	58148	19.636	ug/l	99
46) Dibromomethane	9.706	93	38369	20.335	ug/l	99
47) Bromodichloromethane	9.882	83	80669	19.795	ug/l	96
48) Methyl methacrylate	9.677	41	65898	18.877	ug/l	98
49) 1,4-Dioxane	9.694	88	24101	405.872	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	407802	100.180	ug/l	99
52) Toluene	10.629	92	149726	19.835	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	90396	19.871	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	97983	19.610	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	53405	19.663	ug/l	95
56) Ethyl methacrylate	10.871	69	97183	19.466	ug/l	99
57) 1,3-Dichloropropane	11.159	76	95407	19.799	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	238231	100.539	ug/l	100
59) 2-Hexanone	11.188	43	301404	99.823	ug/l	99
60) Dibromochloromethane	11.353	129	59988	20.114	ug/l	100
61) 1,2-Dibromoethane	11.465	107	55491	20.249	ug/l	99
64) Tetrachloroethene	11.100	164	56794	20.560	ug/l	95
65) Chlorobenzene	11.888	112	158263	19.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	50996	19.288	ug/l	96
67) Ethyl Benzene	11.959	91	287125	19.853	ug/l	100
68) m/p-Xylenes	12.065	106	215908	39.843	ug/l	99
69) o-Xylene	12.394	106	106641	19.899	ug/l	100
70) Styrene	12.406	104	178378	19.977	ug/l	100
71) Bromoform	12.576	173	40361	20.276	ug/l #	97
73) Isopropylbenzene	12.694	105	262970	19.972	ug/l	100
74) N-amyl acetate	12.488	43	120719	18.417	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	74922	19.790	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	72842m	19.177	ug/l	
77) Bromobenzene	12.976	156	59625	20.438	ug/l	99
78) n-propylbenzene	13.029	91	310295	19.999	ug/l	100
79) 2-Chlorotoluene	13.123	91	193887	19.971	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	215520	19.999	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	35468	22.426	ug/l	92
82) 4-Chlorotoluene	13.217	91	194326	20.150	ug/l	99
83) tert-Butylbenzene	13.435	119	184001	19.705	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	219543	20.014	ug/l	99
85) sec-Butylbenzene	13.612	105	259844	20.062	ug/l	99
86) p-Isopropyltoluene	13.723	119	213950	20.041	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	110278	20.108	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	109730	19.865	ug/l	99
89) n-Butylbenzene	14.053	91	186077	19.664	ug/l	99
90) Hexachloroethane	14.329	117	34980	19.480	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	108953	20.491	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15775	20.666	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	51282	20.142	ug/l	100
94) Hexachlorobutadiene	15.494	225	19936	20.743	ug/l	98
95) Naphthalene	15.635	128	179516	19.890	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	47677	19.779	ug/l	99

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

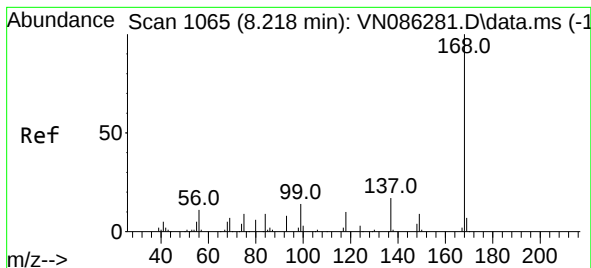
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 03:06:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

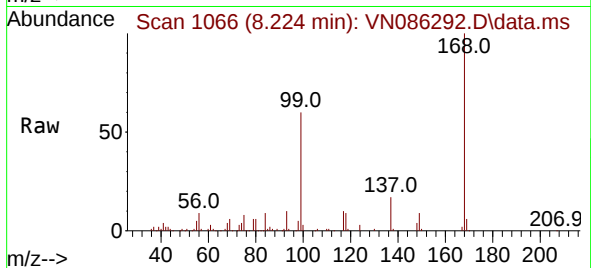
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

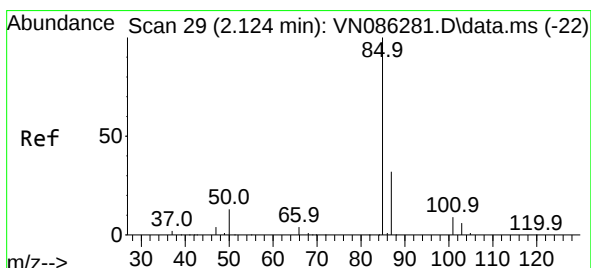
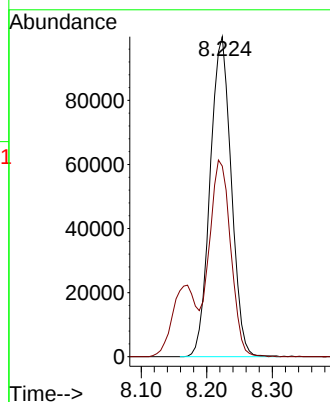
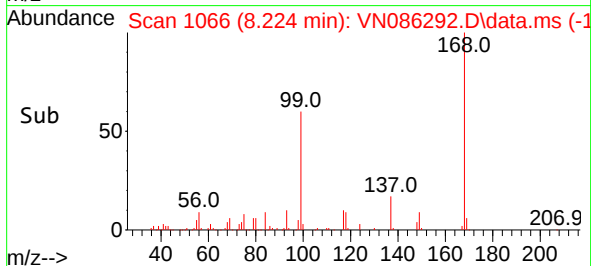
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion:168 Resp: 223172
Ion Ratio Lower Upper
168 100
99 59.6 52.5 78.7

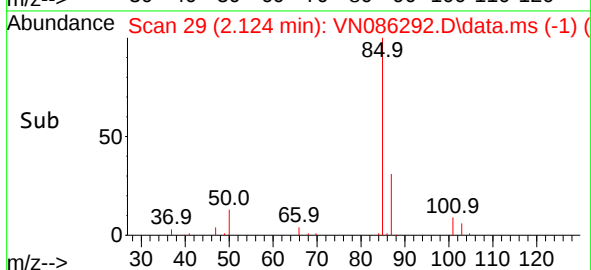
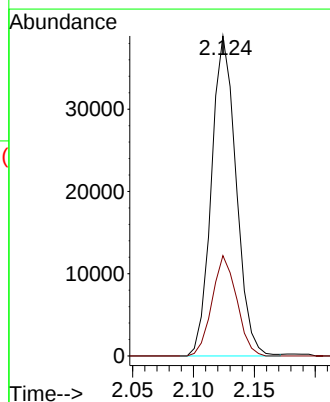
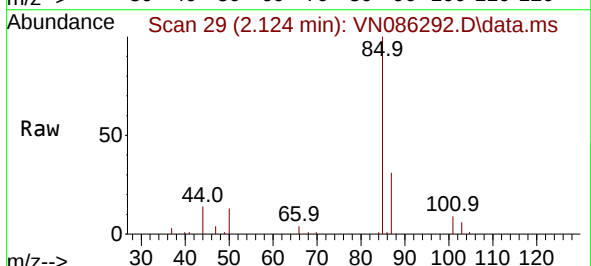
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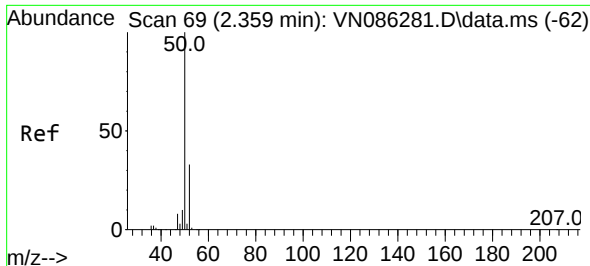
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#2
Dichlorodifluoromethane
Concen: 20.748 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

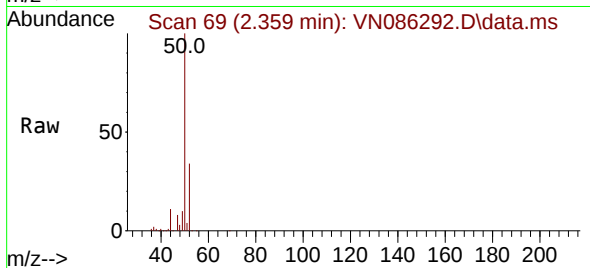
Tgt Ion: 85 Resp: 54889
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.8





#3
Chloromethane
Concen: 19.153 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

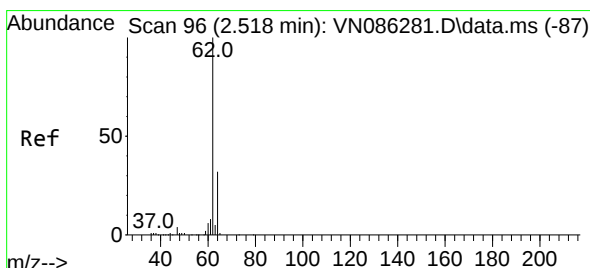
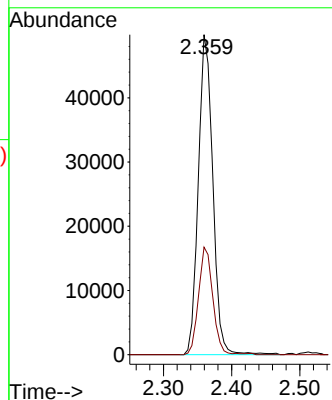
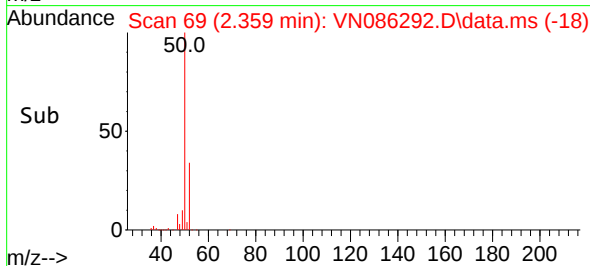
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 73640
Ion Ratio Lower Upper
50 100
52 33.6 26.5 39.7

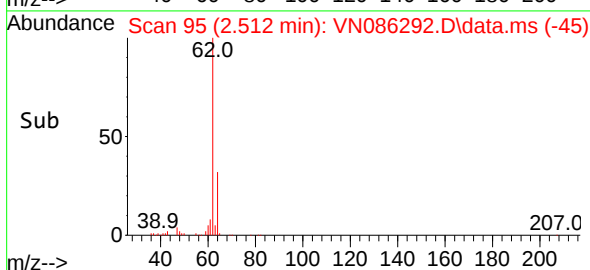
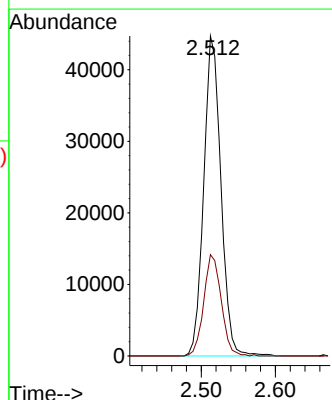
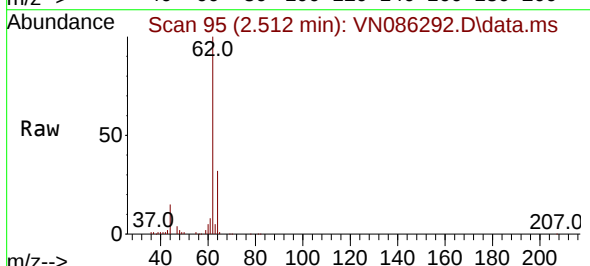
Manual Integrations
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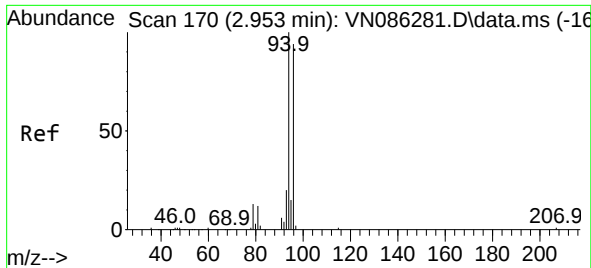
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#4
Vinyl Chloride
Concen: 19.627 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

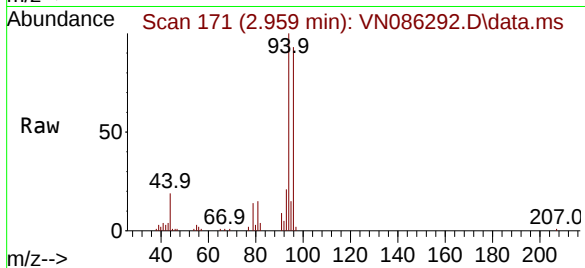
Tgt Ion: 62 Resp: 72012
Ion Ratio Lower Upper
62 100
64 31.7 25.6 38.4





#5
Bromomethane
Concen: 21.723 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

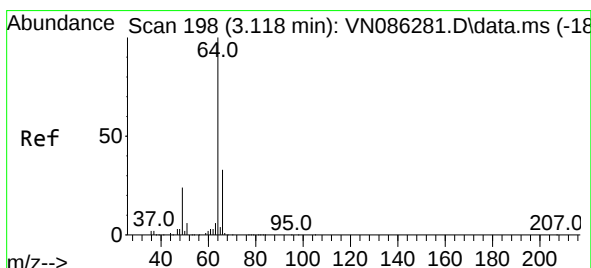
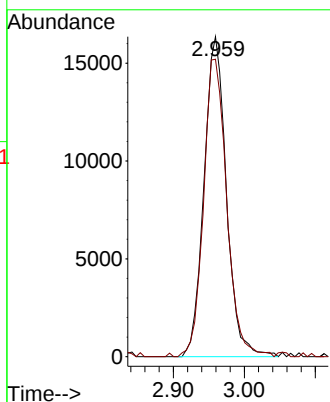
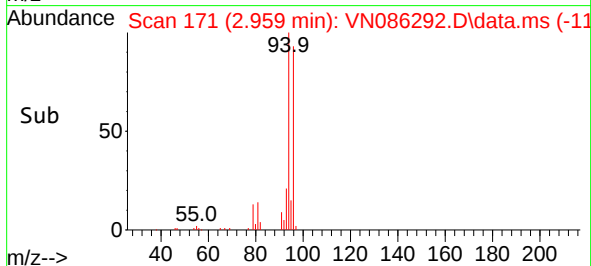
Instrument :
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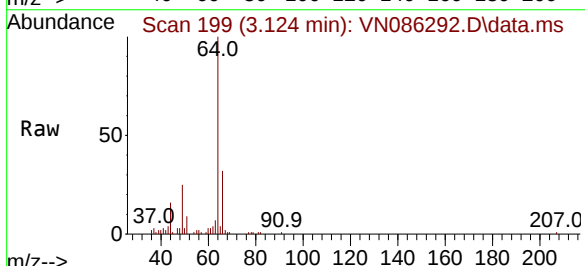
Tgt Ion: 94 Resp: 3585
Ion Ratio Lower Upper
94 100
96 93.0 75.2 112.8

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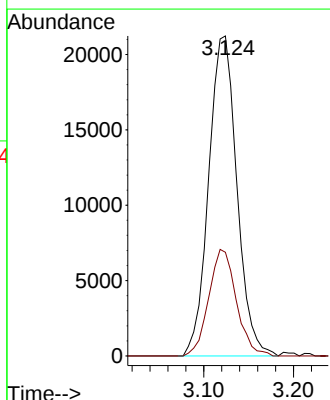
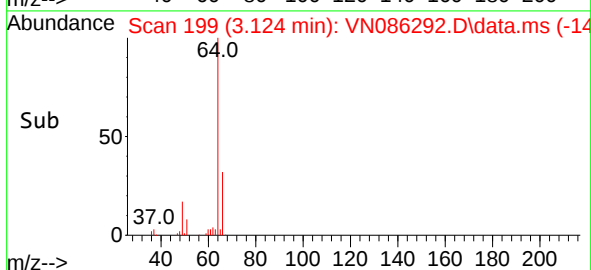
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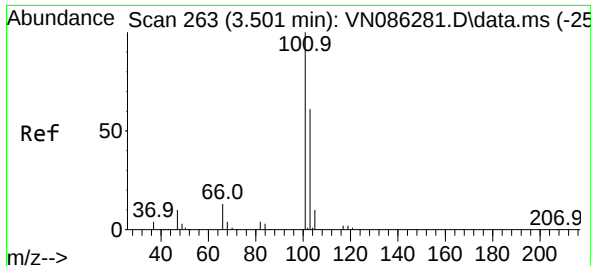


#6
Chloroethane
Concen: 18.893 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14



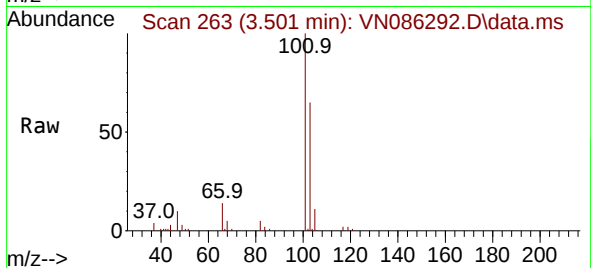
Tgt Ion: 64 Resp: 46393
Ion Ratio Lower Upper
64 100
66 32.4 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 19.887 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN086292.D
 Acq: 16 Apr 2025 13:14

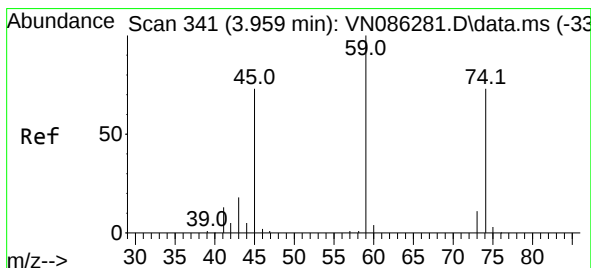
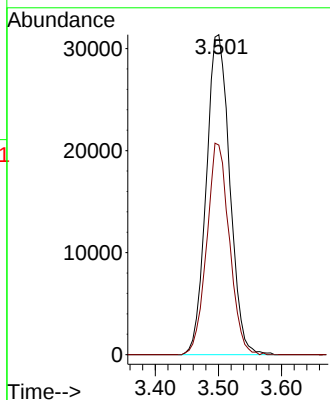
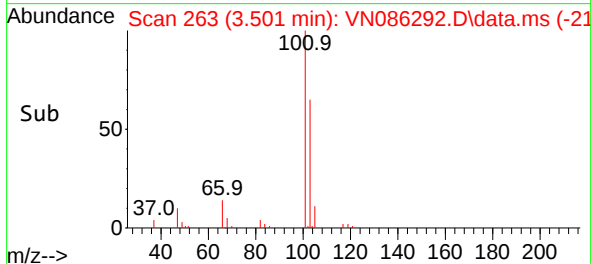
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBSD01



Tgt Ion:101 Resp: 80825
 Ion Ratio Lower Upper
 101 100
 103 65.5 49.2 73.8

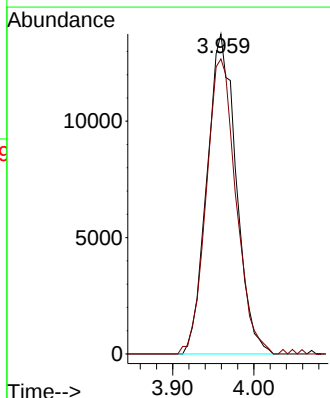
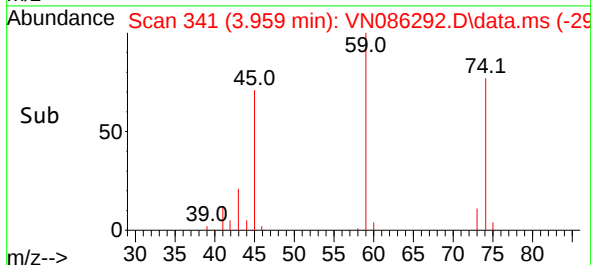
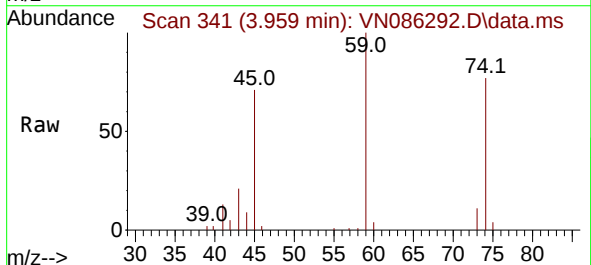
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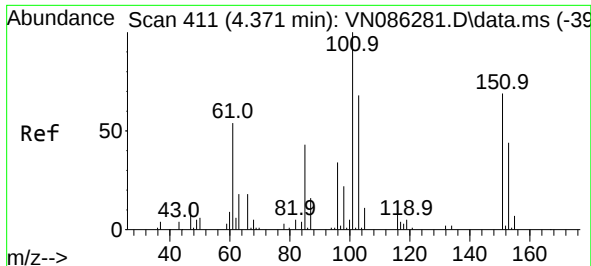
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#8
 Diethyl Ether
 Concen: 19.294 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086292.D
 Acq: 16 Apr 2025 13:14

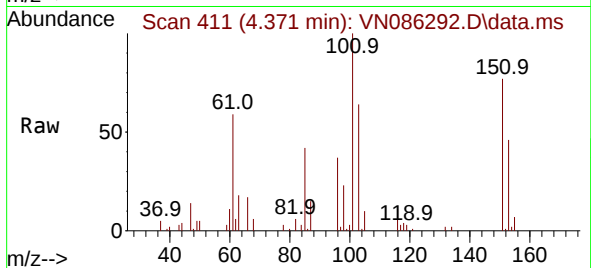
Tgt Ion: 74 Resp: 34233
 Ion Ratio Lower Upper
 74 100
 45 94.4 48.0 144.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.739 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

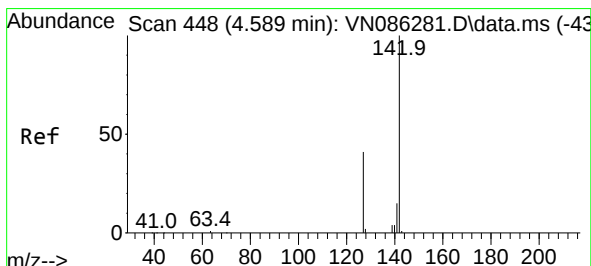
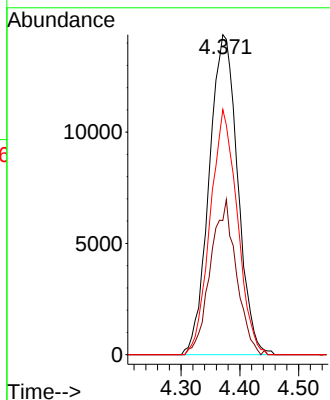
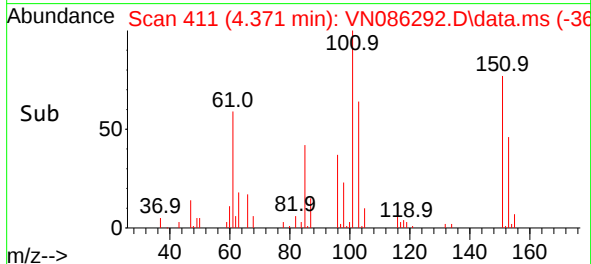
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



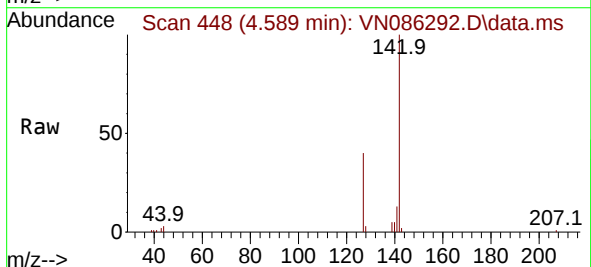
Tgt Ion:101 Resp: 48530
Ion Ratio Lower Upper
101 100
85 44.0 34.7 52.1
151 72.7 56.1 84.1

Manual Integrations
APPROVED

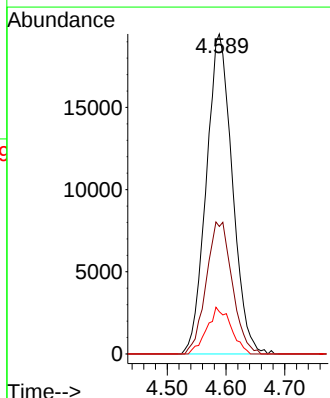
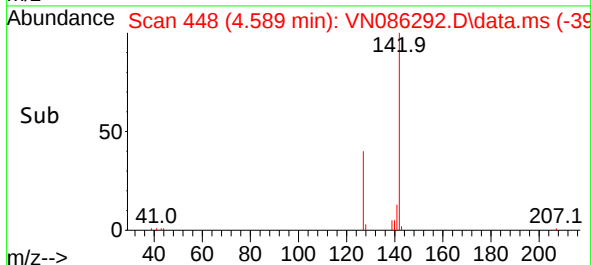
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

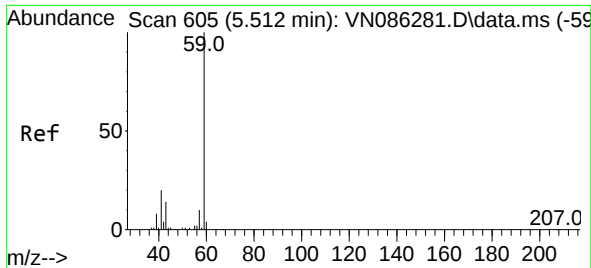


#10
Methyl Iodide
Concen: 22.129 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14



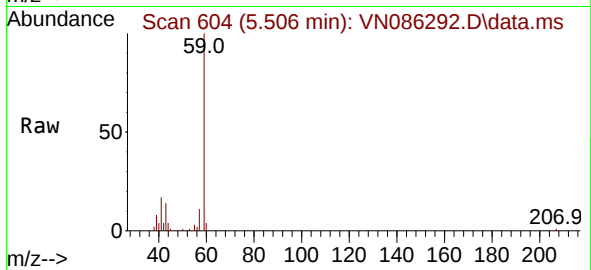
Tgt Ion:142 Resp: 59815
Ion Ratio Lower Upper
142 100
127 39.9 32.7 49.1
141 13.2 11.7 17.5





#11
Tert butyl alcohol
Concen: 103.402 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

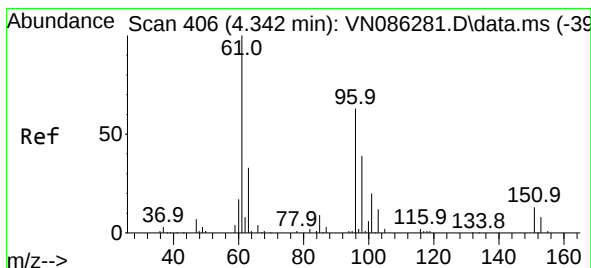
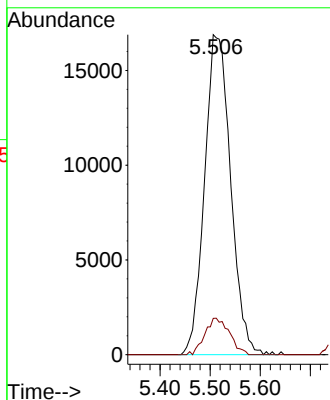
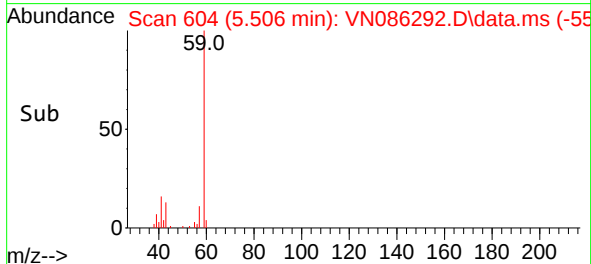
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



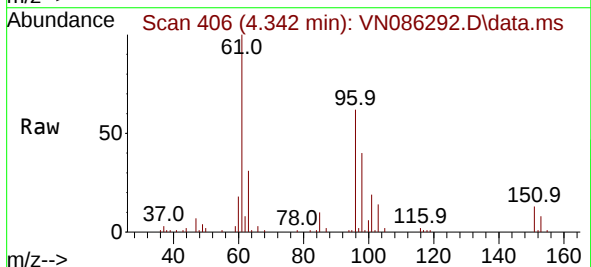
Tgt Ion: 59 Resp: 6105
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5

Manual Integrations
APPROVED

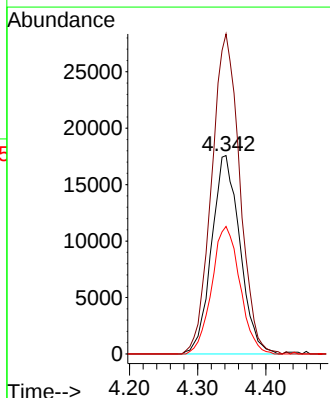
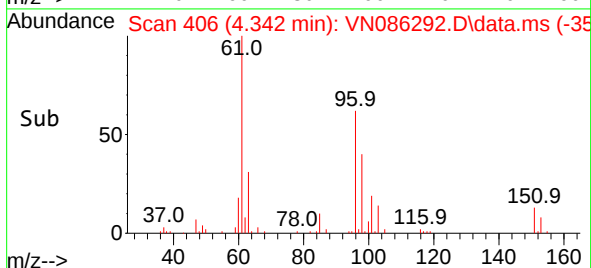
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

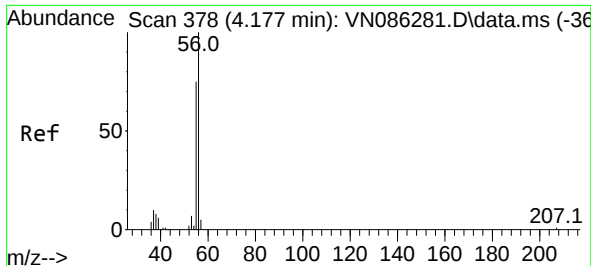


#12
1,1-Dichloroethene
Concen: 19.336 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14



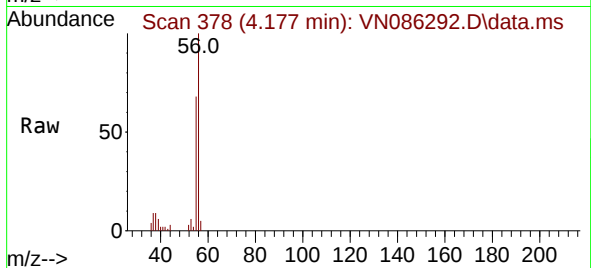
Tgt Ion: 96 Resp: 50790
Ion Ratio Lower Upper
96 100
61 161.3 126.6 189.8
98 64.3 49.6 74.4





#13
Acrolein
Concen: 127.326 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

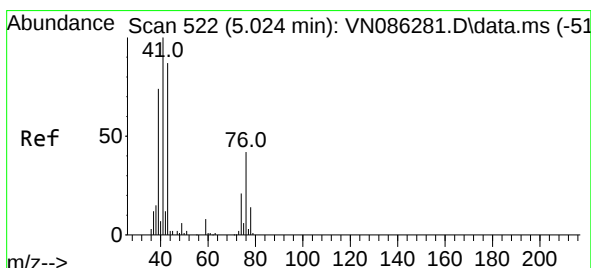
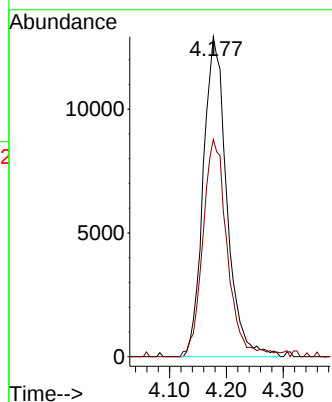
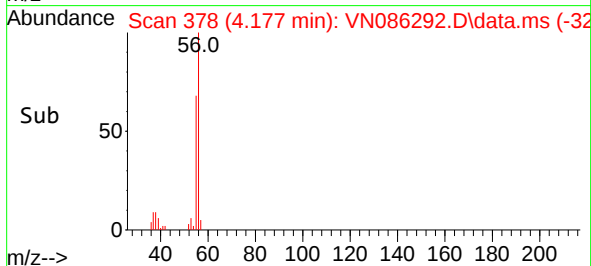
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion: 56 Resp: 37090
Ion Ratio Lower Upper
56 100
55 70.7 58.5 87.7

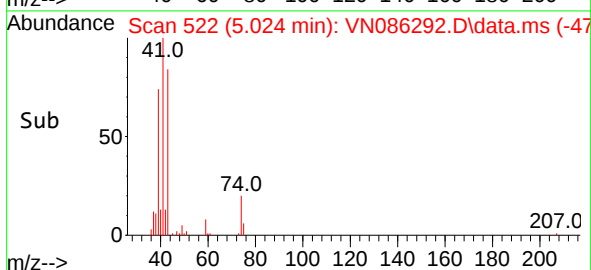
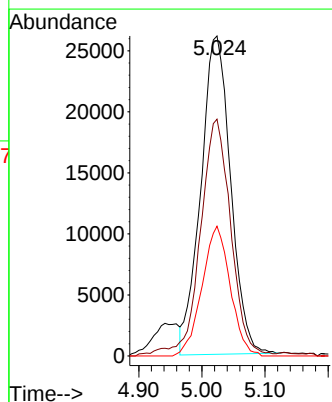
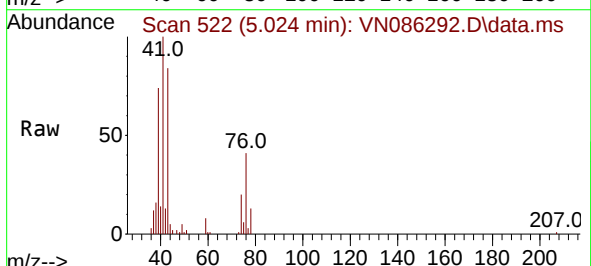
Manual Integrations
APPROVED

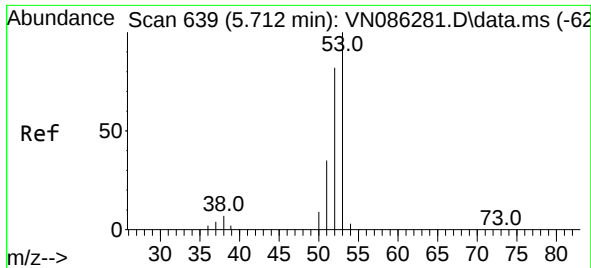
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#14
Allyl chloride
Concen: 18.335 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

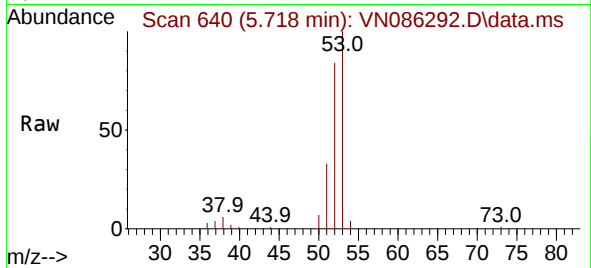
Tgt Ion: 41 Resp: 85613
Ion Ratio Lower Upper
41 100
39 76.2 59.2 88.8
76 38.5 31.2 46.8





#15
Acrylonitrile
Concen: 99.107 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

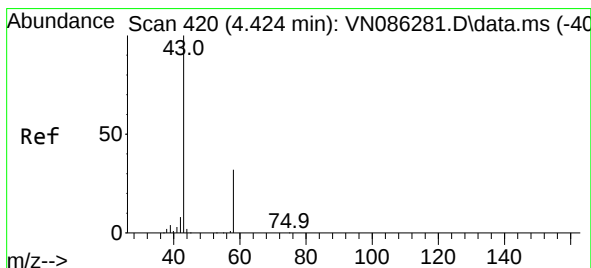
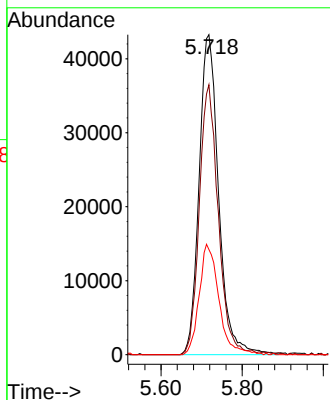
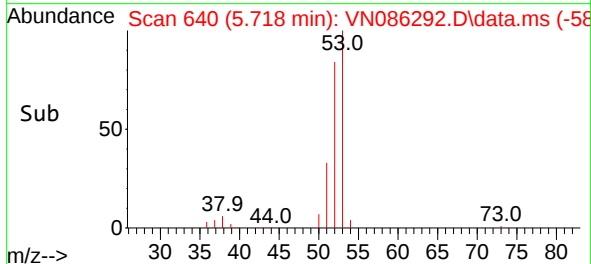
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion: 53 Resp: 144663
Ion Ratio Lower Upper
53 100
52 81.6 65.5 98.3
51 34.8 28.6 42.8

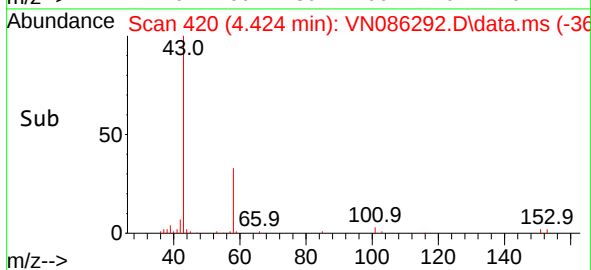
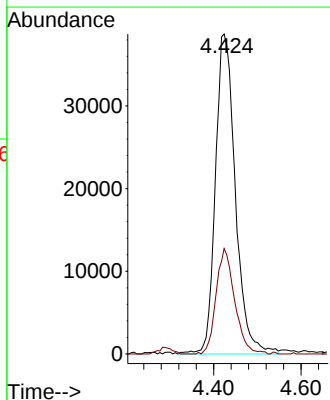
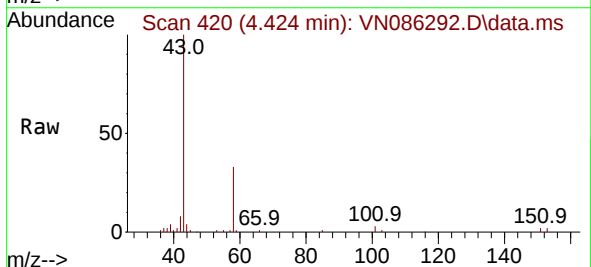
Manual Integrations
APPROVED

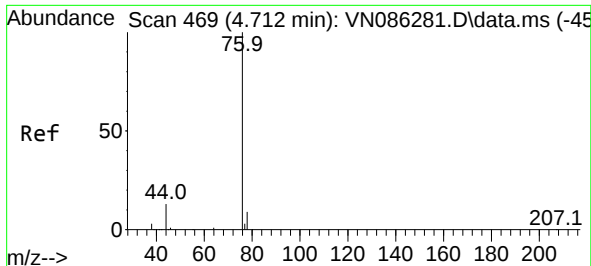
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#16
Acetone
Concen: 106.004 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Tgt Ion: 43 Resp: 122285
Ion Ratio Lower Upper
43 100
58 32.9 25.3 37.9





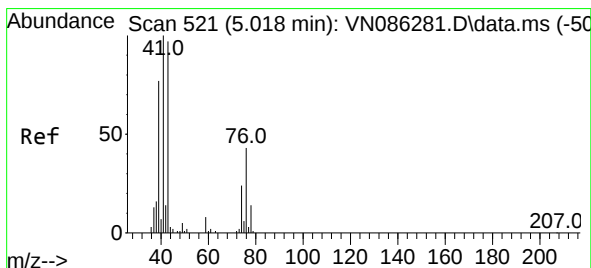
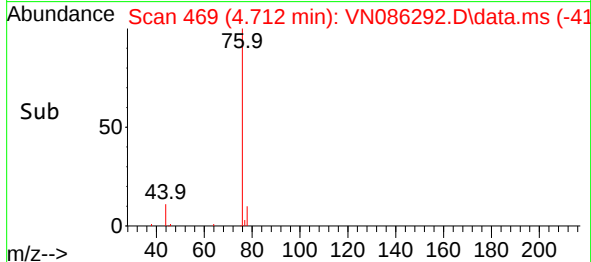
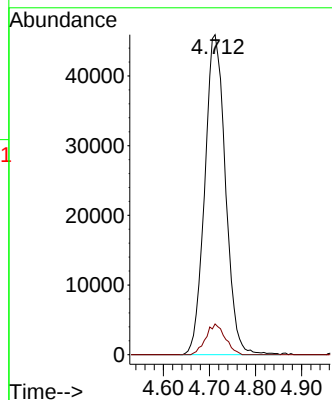
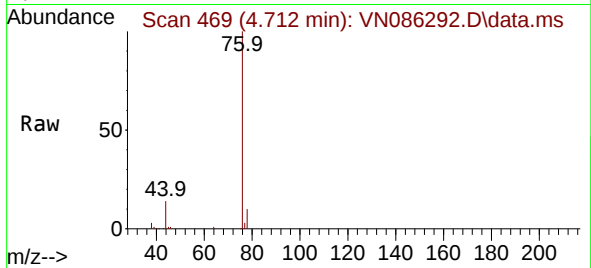
#17
Carbon Disulfide
Concen: 18.263 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

Tgt Ion: 76 Resp: 14364
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4

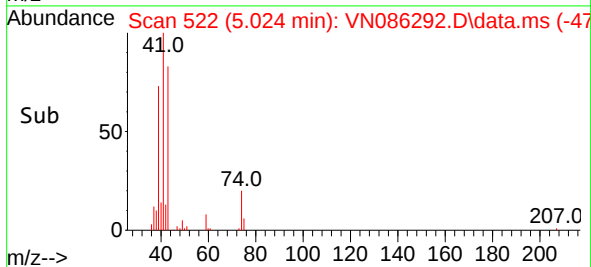
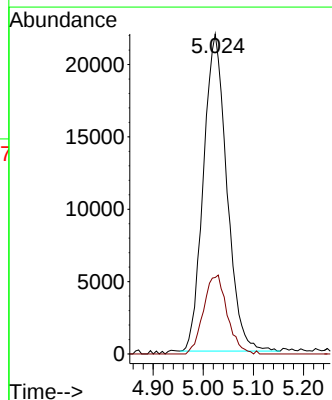
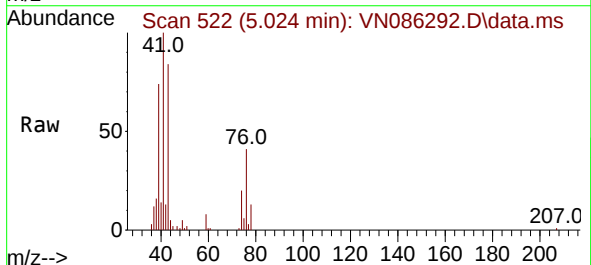
Manual Integrations
APPROVED

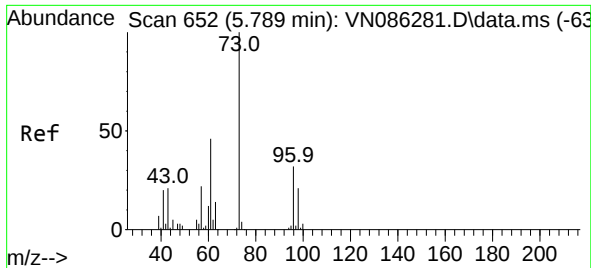
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#18
Methyl Acetate
Concen: 18.348 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Tgt Ion: 43 Resp: 71275
Ion Ratio Lower Upper
43 100
74 25.0 19.8 29.6





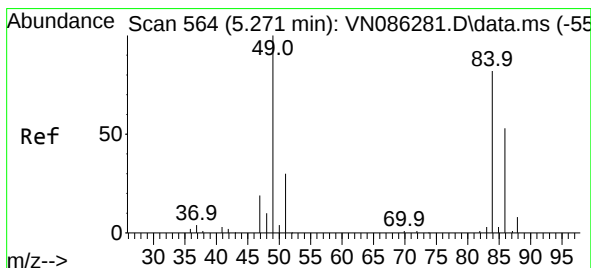
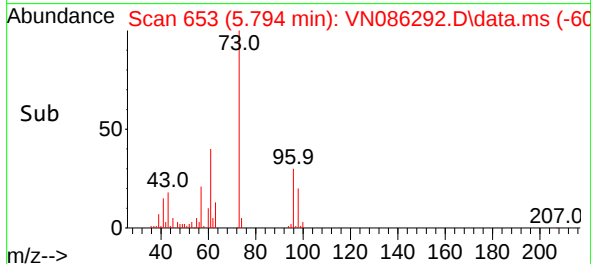
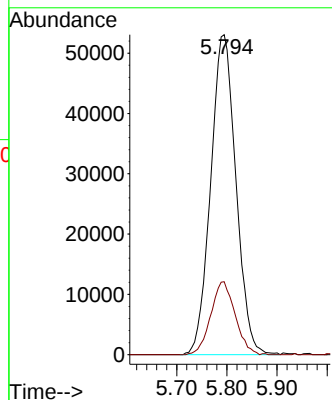
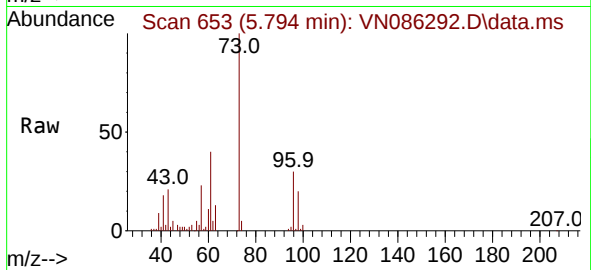
#19
Methyl tert-butyl Ether
Concen: 19.240 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

Tgt Ion: 73 Resp: 185770
Ion Ratio Lower Upper
73 100
57 22.8 17.6 26.4

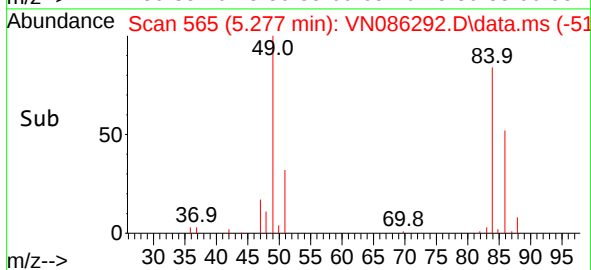
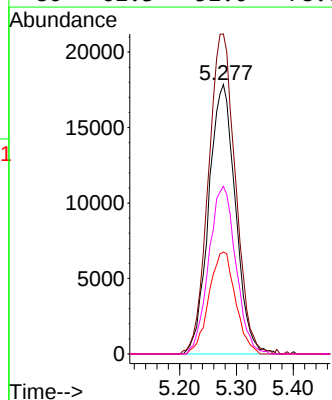
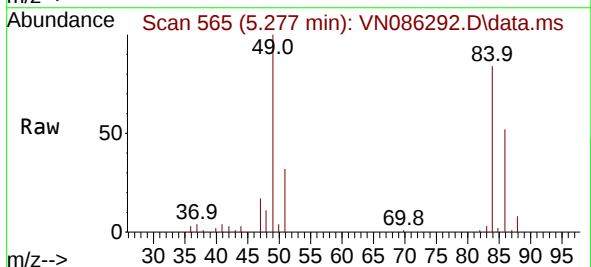
Manual Integrations
APPROVED

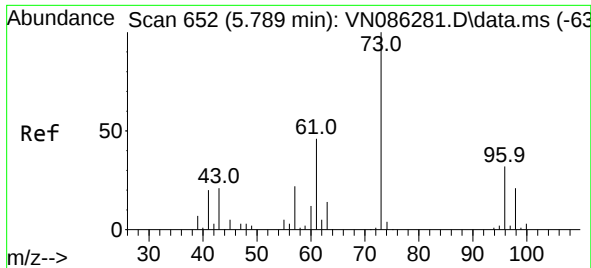
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#20
Methylene Chloride
Concen: 19.491 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

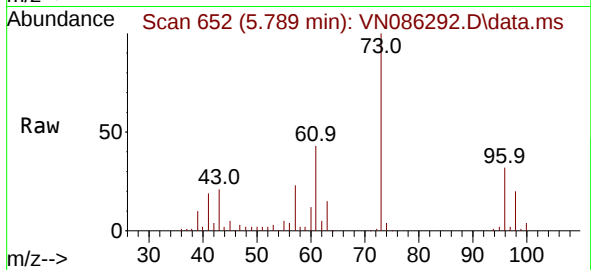
Tgt Ion: 84 Resp: 58313
Ion Ratio Lower Upper
84 100
49 118.8 98.2 147.2
51 37.8 29.8 44.6
86 62.3 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 19.403 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

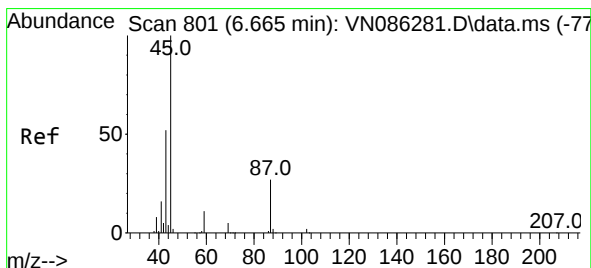
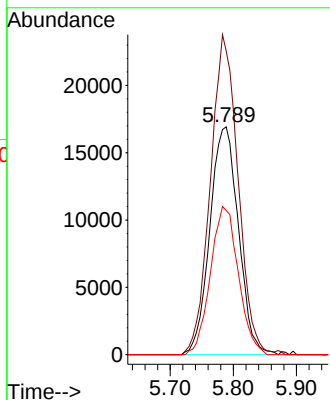
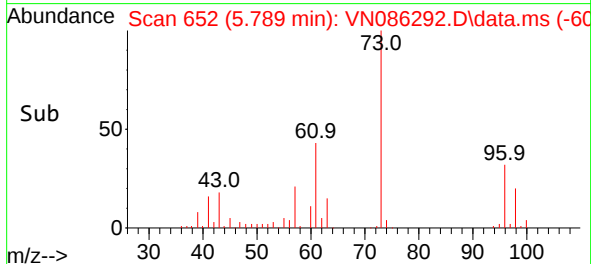
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



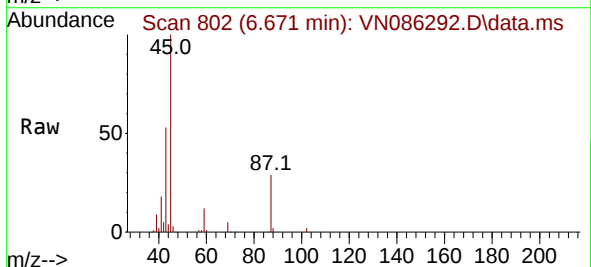
Tgt Ion: 96 Resp: 53284
Ion Ratio Lower Upper
96 100
61 133.3 114.6 171.8
98 63.3 51.2 76.8

Manual Integrations
APPROVED

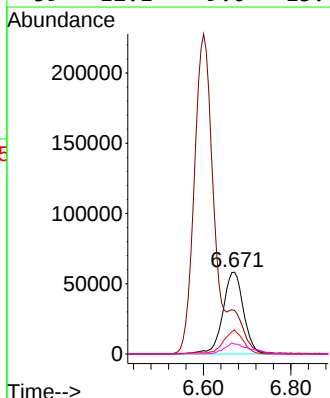
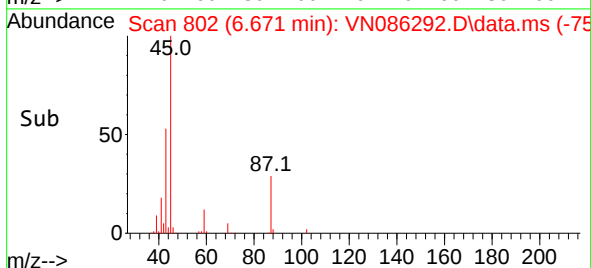
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

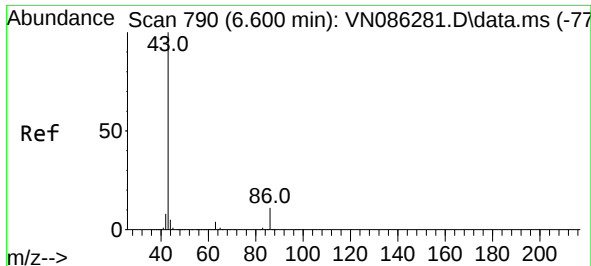


#22
Diisopropyl ether
Concen: 18.723 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14



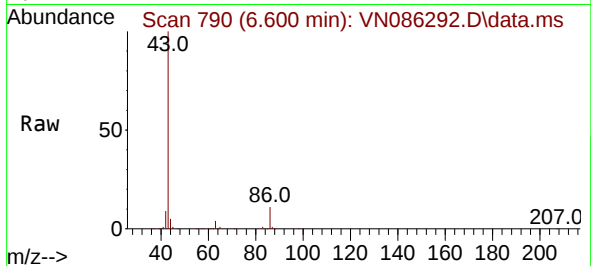
Tgt Ion: 45 Resp: 190187
Ion Ratio Lower Upper
45 100
43 52.2 41.8 62.8
87 29.3 21.6 32.4
59 12.1 9.0 13.4





#23
 Vinyl Acetate
 Concen: 95.728 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086292.D
 Acq: 16 Apr 2025 13:14

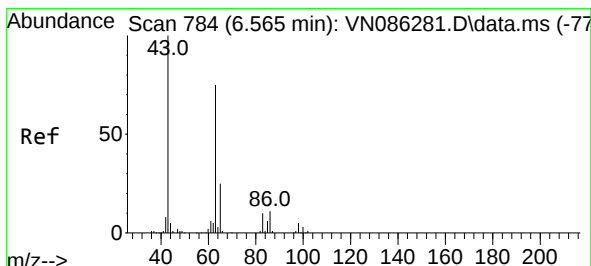
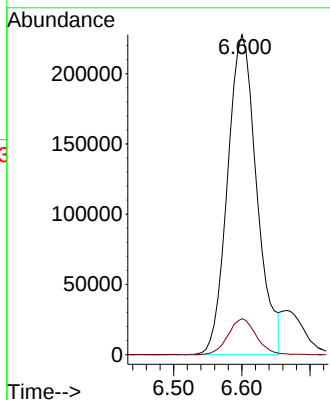
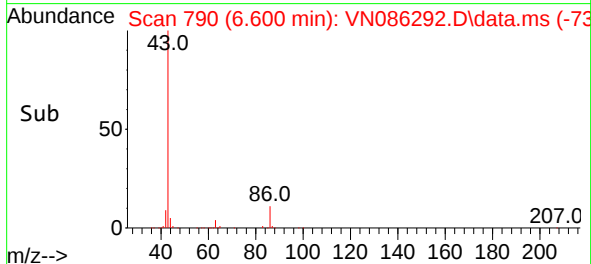
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBSD01



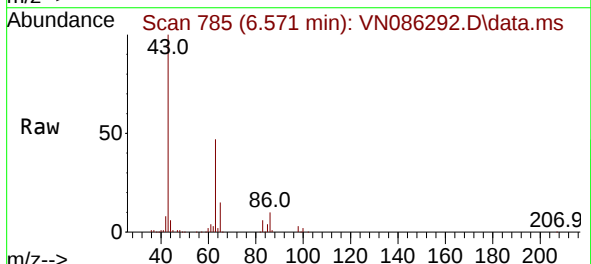
Tgt Ion: 43 Resp: 67975
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 13.0

Manual Integrations
 APPROVED

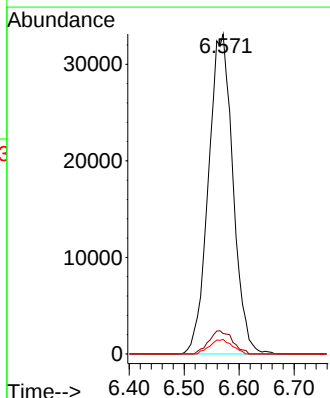
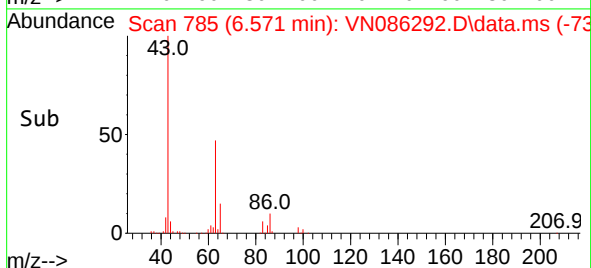
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

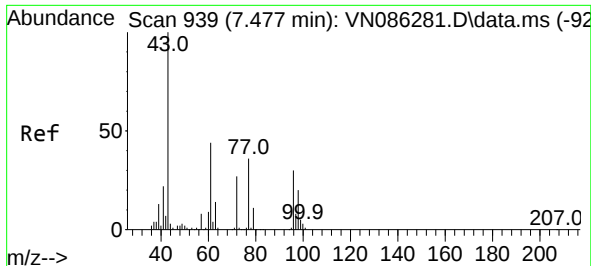


#24
 1,1-Dichloroethane
 Concen: 19.160 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN086292.D
 Acq: 16 Apr 2025 13:14



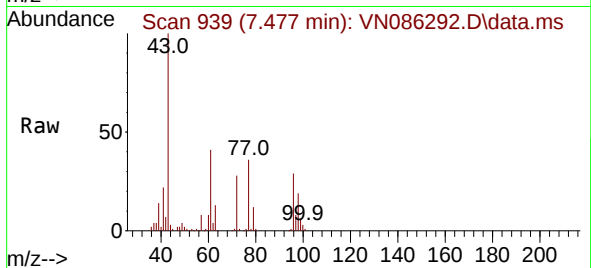
Tgt Ion: 63 Resp: 102692
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 98.009 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

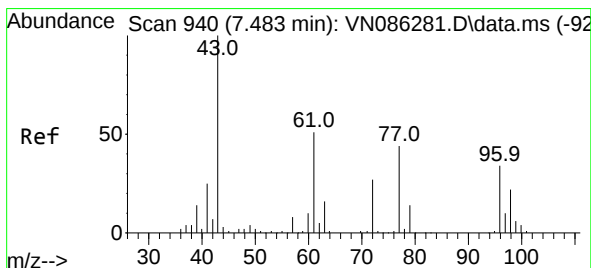
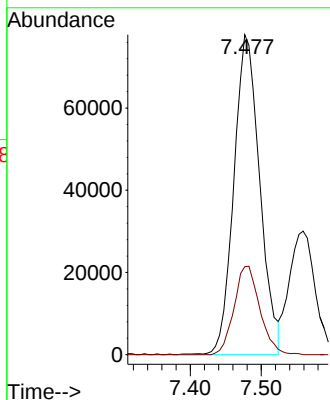
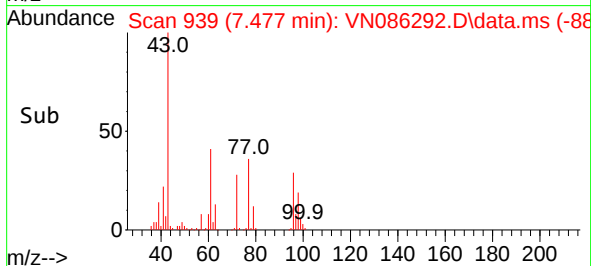
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



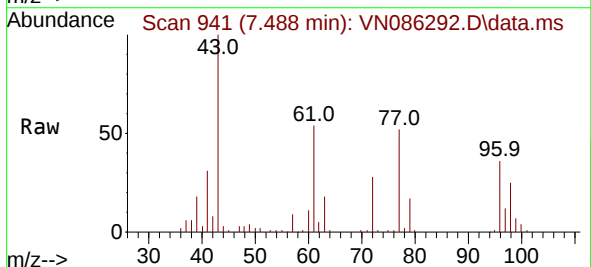
Tgt Ion: 43 Resp: 197420
Ion Ratio Lower Upper
43 100
72 27.5 21.7 32.5

Manual Integrations
APPROVED

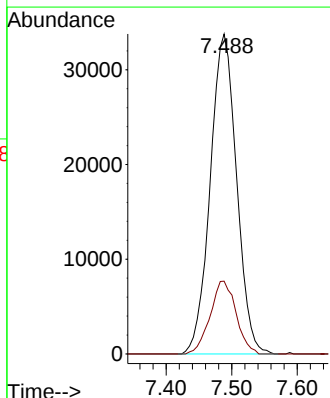
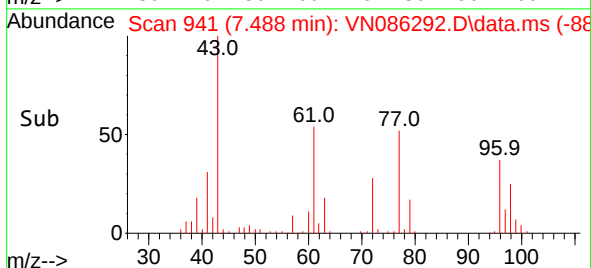
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

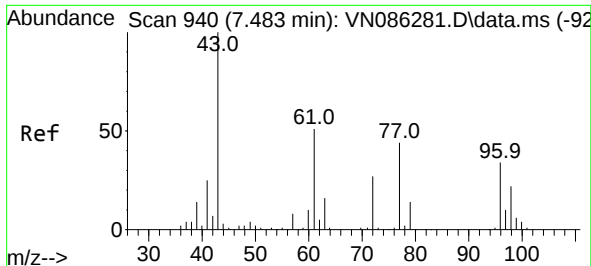


#26
2,2-Dichloropropane
Concen: 19.635 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14



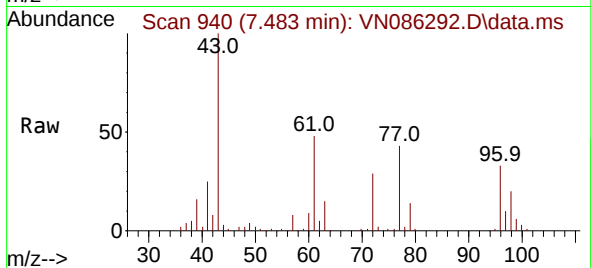
Tgt Ion: 77 Resp: 94224
Ion Ratio Lower Upper
77 100
97 22.4 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.195 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086292.D
 Acq: 16 Apr 2025 13:14

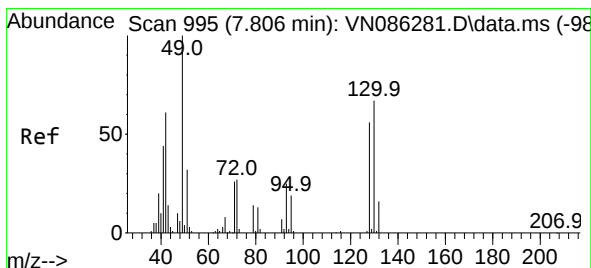
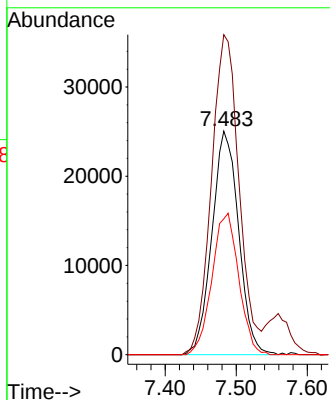
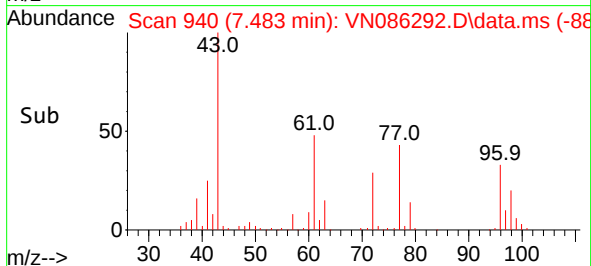
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBSD01



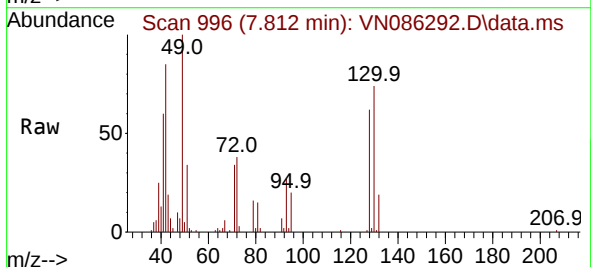
Tgt Ion: 96 Resp: 65429
 Ion Ratio Lower Upper
 96 100
 61 148.1 0.0 299.0
 98 63.5 0.0 129.6

Manual Integrations
 APPROVED

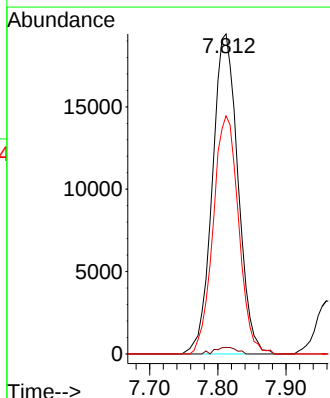
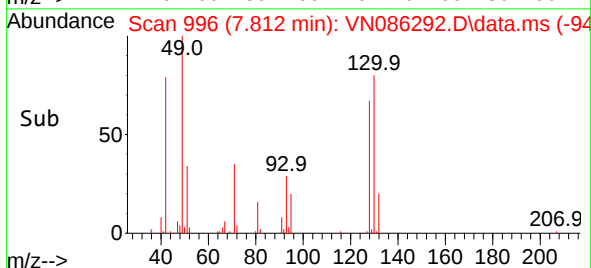
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

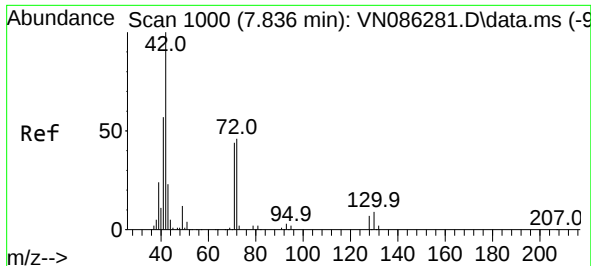


#28
 Bromochloromethane
 Concen: 22.314 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086292.D
 Acq: 16 Apr 2025 13:14



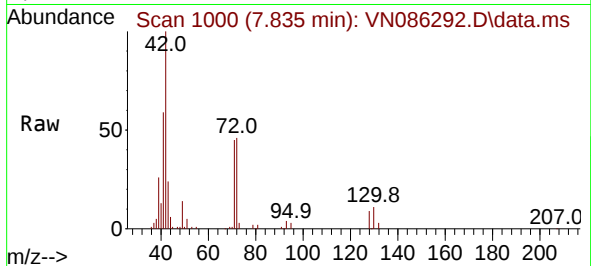
Tgt Ion: 49 Resp: 50709
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.4
 130 74.0 57.1 85.7





#29
Tetrahydrofuran
Concen: 95.239 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

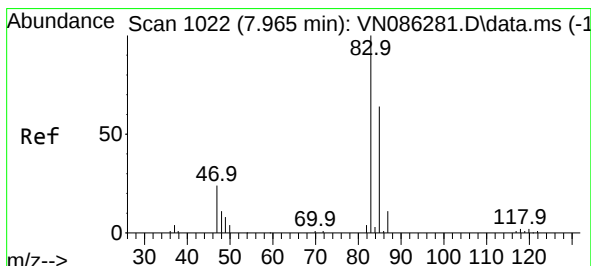
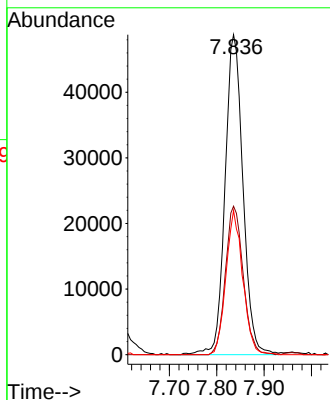
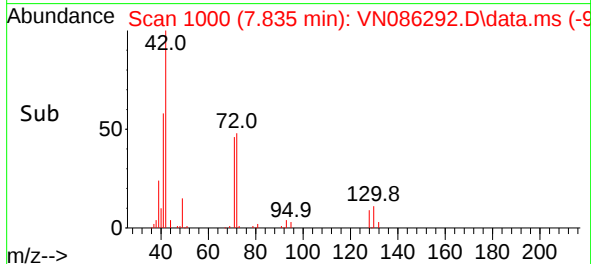
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion: 42 Resp: 12828
Ion Ratio Lower Upper
42 100
72 45.9 36.2 54.4
71 42.3 34.0 51.0

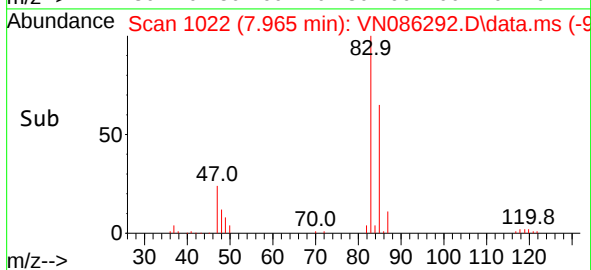
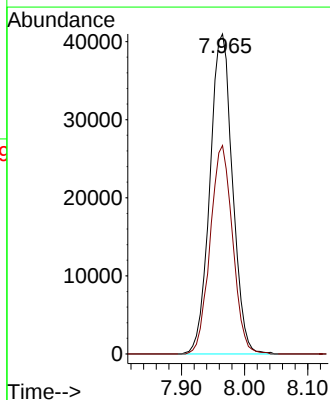
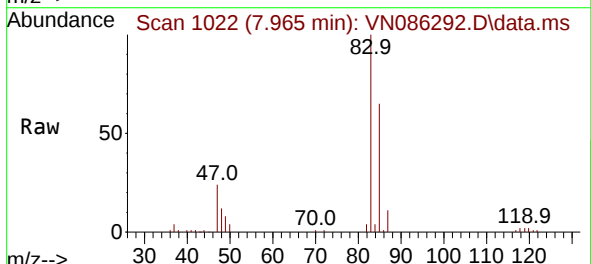
Manual Integrations
APPROVED

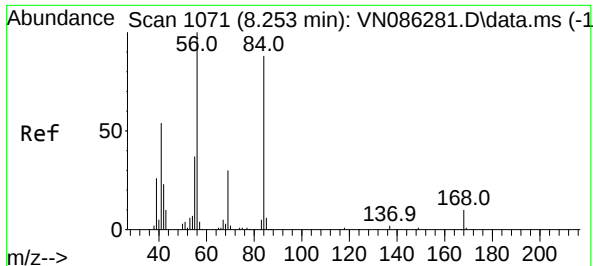
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#30
Chloroform
Concen: 19.321 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

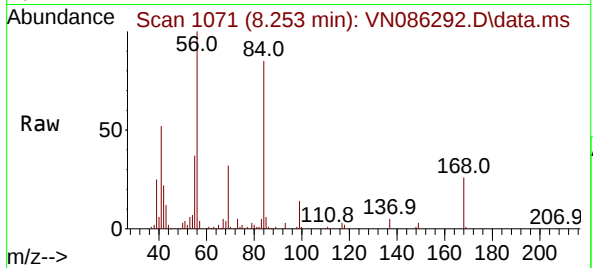
Tgt Ion: 83 Resp: 101723
Ion Ratio Lower Upper
83 100
85 65.2 51.5 77.3





#31
Cyclohexane
Concen: 19.184 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

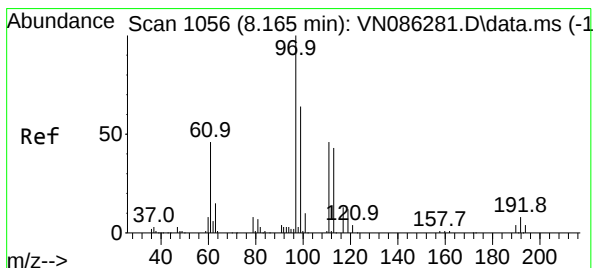
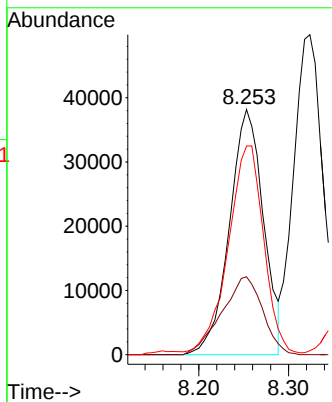
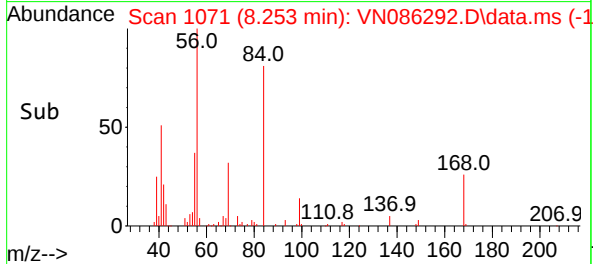
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion: 56 Resp: 100612
Ion Ratio Lower Upper
56 100
69 31.8 24.2 36.2
84 83.8 70.3 105.5

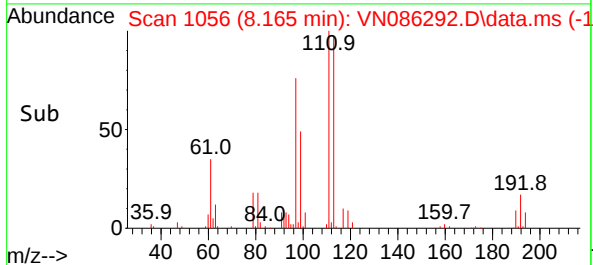
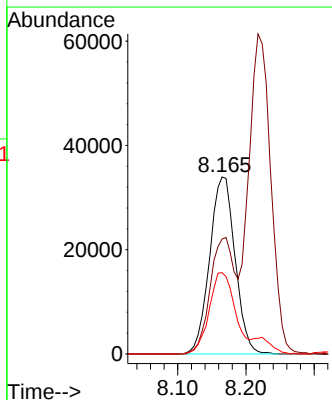
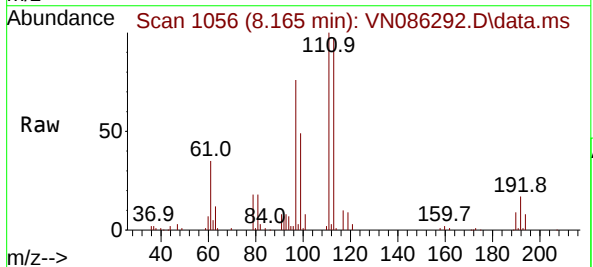
Manual Integrations
APPROVED

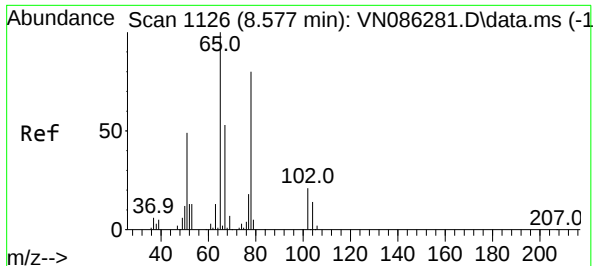
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#32
1,1,1-Trichloroethane
Concen: 19.548 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

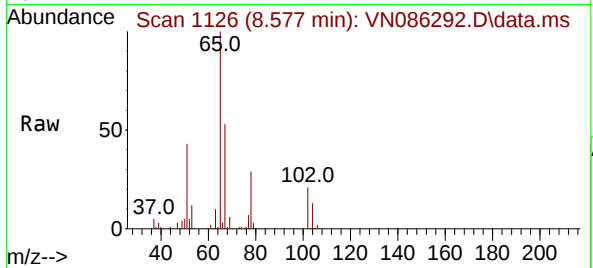
Tgt Ion: 97 Resp: 88042
Ion Ratio Lower Upper
97 100
99 64.2 52.7 79.1
61 47.2 39.5 59.3





#33
1,2-Dichloroethane-d4
Concen: 53.460 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

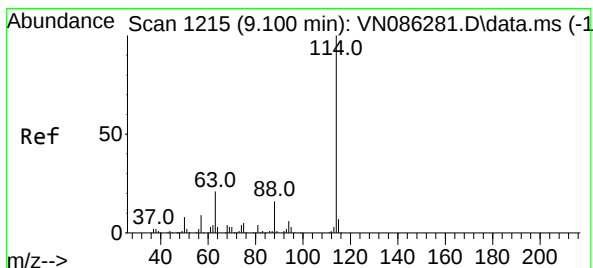
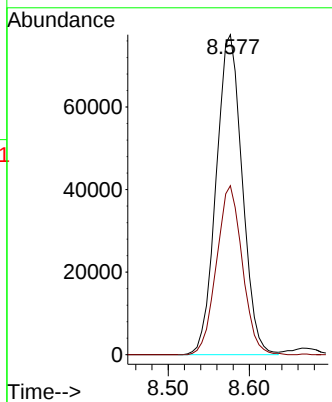
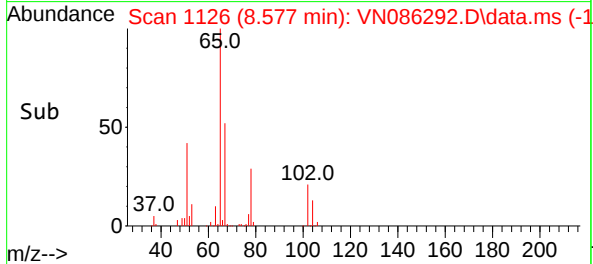
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion: 65 Resp: 173008
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0

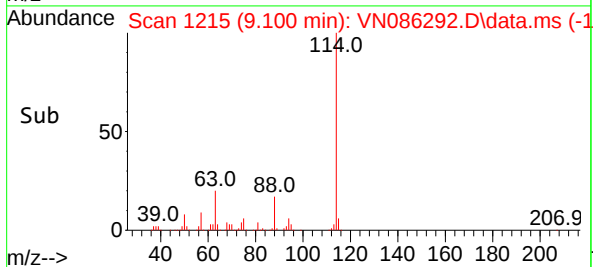
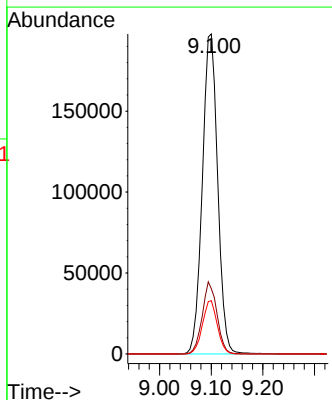
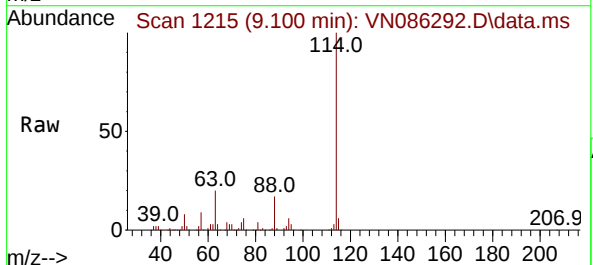
Manual Integrations
APPROVED

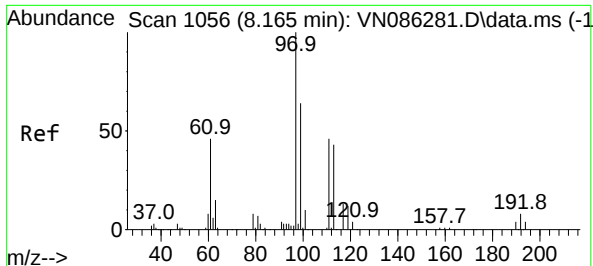
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

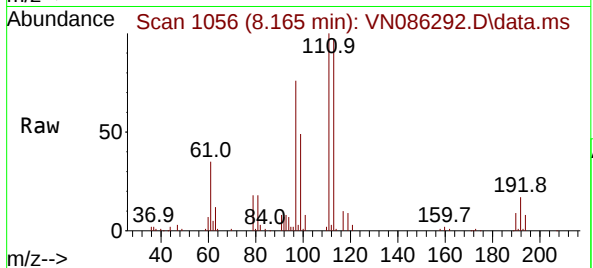
Tgt Ion:114 Resp: 407332
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 16.7 0.0 31.8





#35
Dibromofluoromethane
Concen: 55.666 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

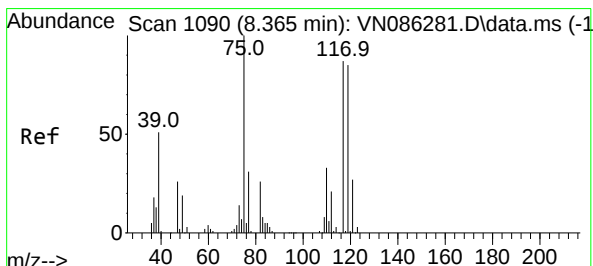
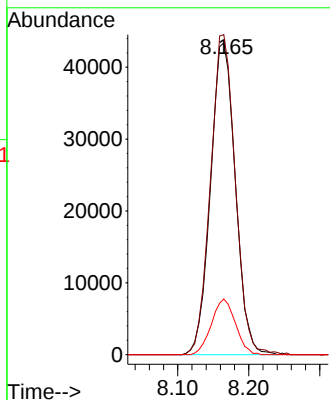
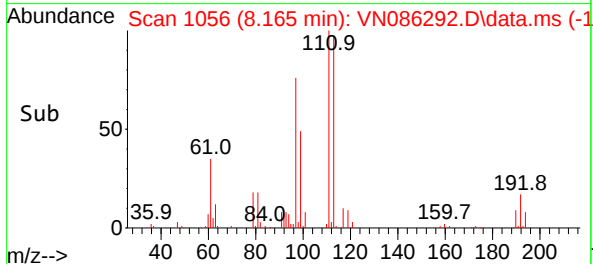
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion: 113 Resp: 105230
Ion Ratio Lower Upper
113 100
111 102.5 83.4 125.0
192 17.3 13.7 20.5

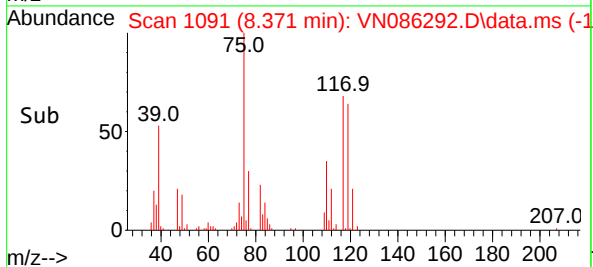
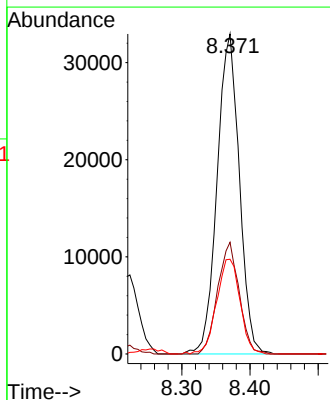
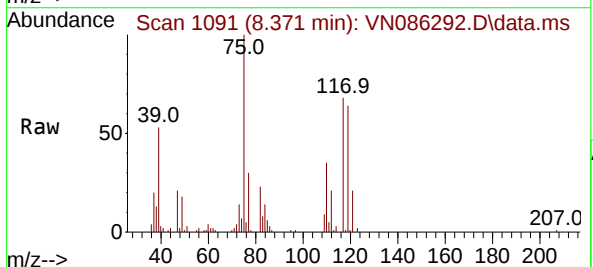
Manual Integrations
APPROVED

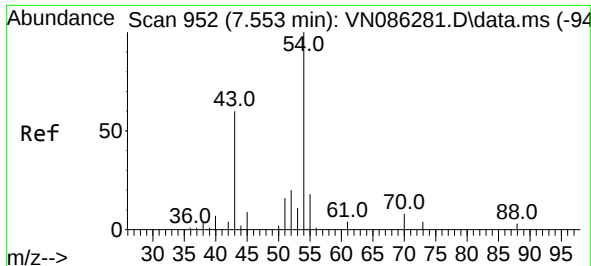
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#36
1,1-Dichloropropene
Concen: 19.791 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Tgt Ion: 75 Resp: 74728
Ion Ratio Lower Upper
75 100
110 33.9 16.8 50.4
77 31.2 24.9 37.3





#37

Ethyl Acetate

Concen: 19.680 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN086292.D

Acq: 16 Apr 2025 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBSD01

Tgt Ion: 43 Resp: 7823

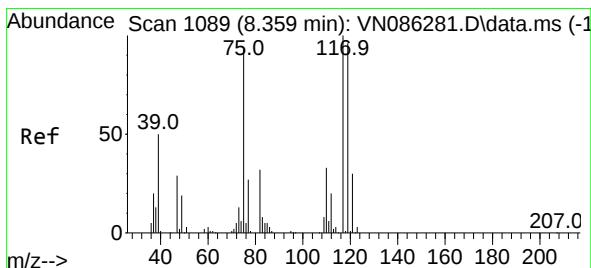
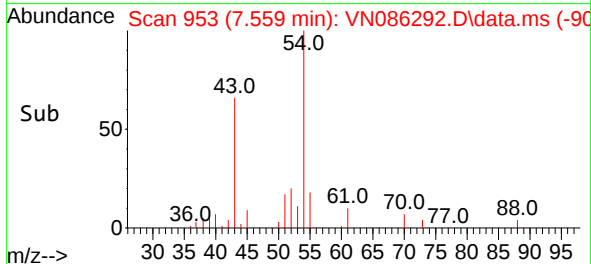
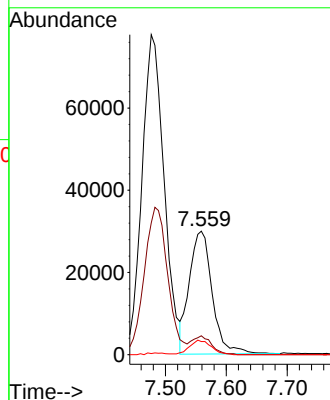
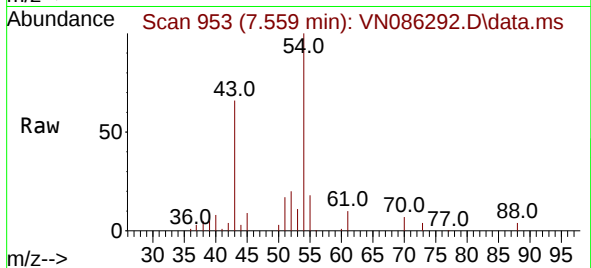
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.1	16.7
70	11.1	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#38

Carbon Tetrachloride

Concen: 19.887 ug/l

RT: 8.359 min Scan# 1089

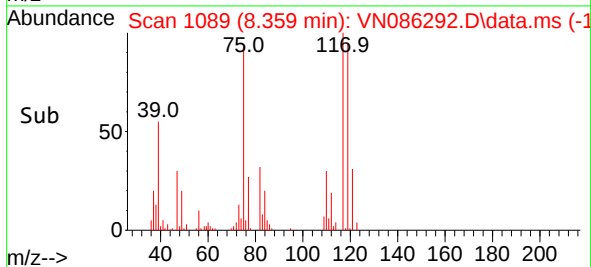
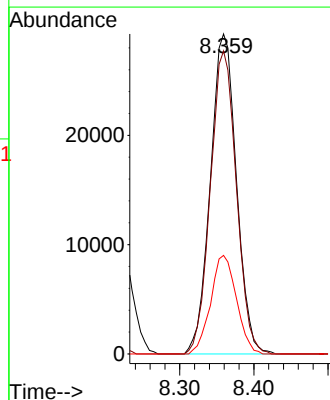
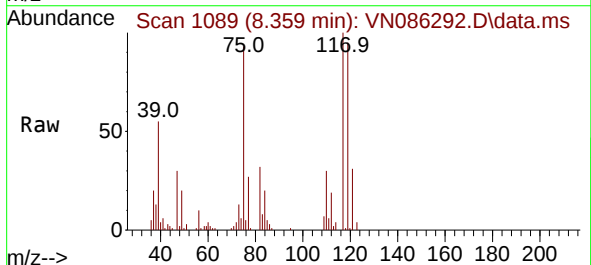
Delta R.T. -0.000 min

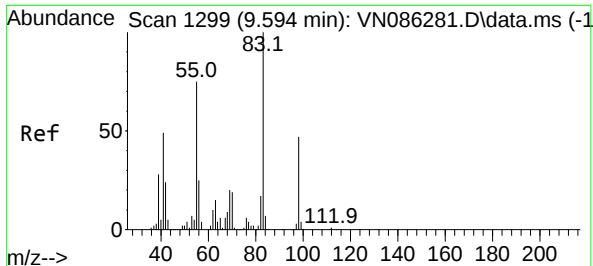
Lab File: VN086292.D

Acq: 16 Apr 2025 13:14

Tgt Ion:117 Resp: 71510

Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.8	115.2
121	30.8	23.8	35.8





#39

Methylcyclohexane

Concen: 19.693 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086292.D

Acq: 16 Apr 2025 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBSD01

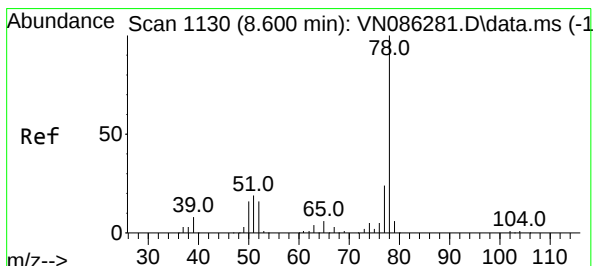
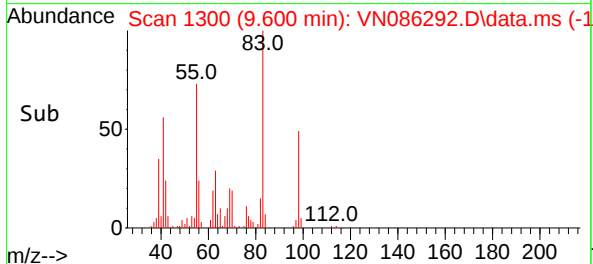
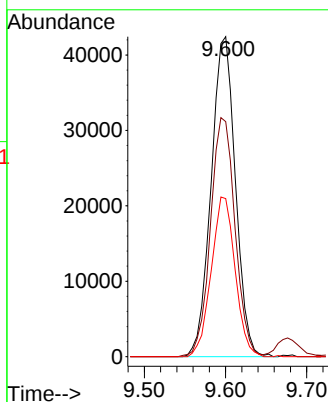
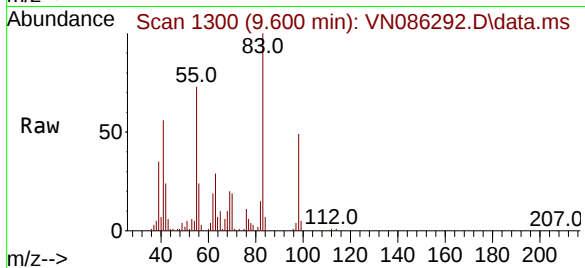
Tgt Ion:	83	Resp:	8838
Ion	Ratio	Lower	Upper
83	100		
55	73.5	59.8	89.8
98	49.4	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#40

Benzene

Concen: 19.776 ug/l

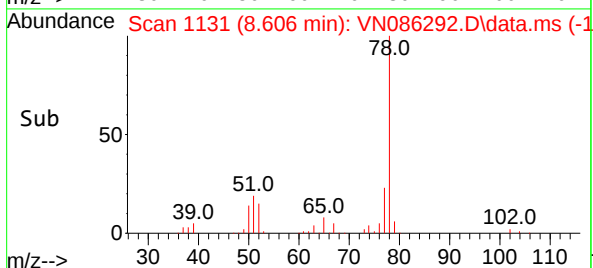
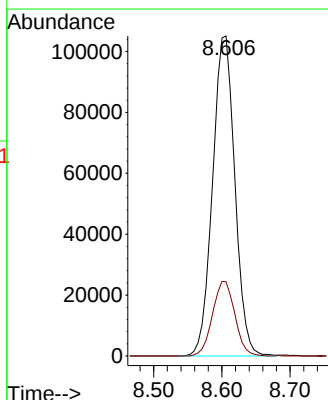
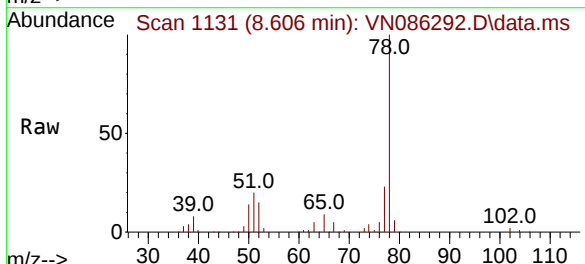
RT: 8.606 min Scan# 1131

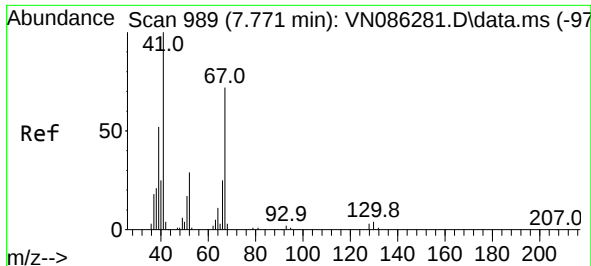
Delta R.T. 0.006 min

Lab File: VN086292.D

Acq: 16 Apr 2025 13:14

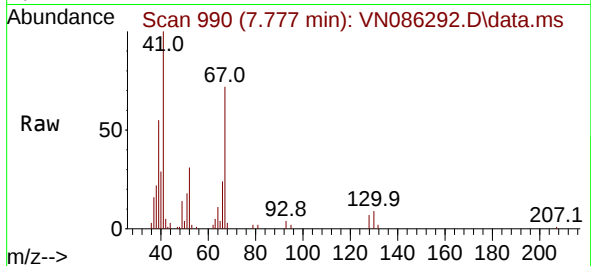
Tgt Ion:	78	Resp:	239253
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.2





#41
Methacrylonitrile
Concen: 20.295 ug/l
RT: 7.777 min Scan# 989
Delta R.T. 0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

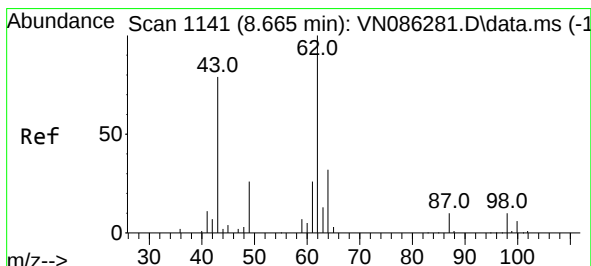
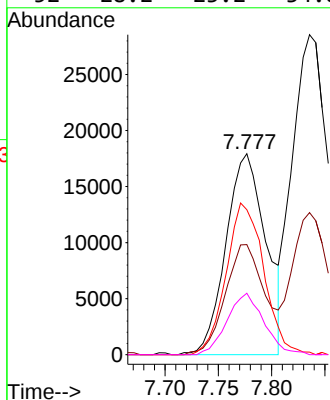
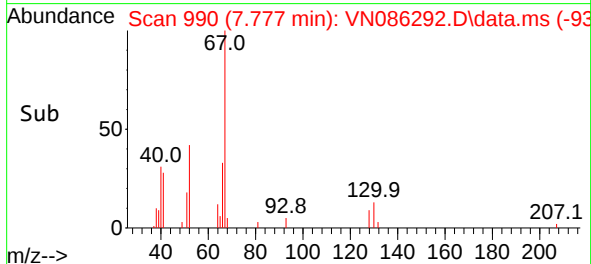
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion:	41	Resp:	4675
Ion Ratio	100	Lower	Upper
39	54.4	43.0	64.4
67	71.4	58.8	88.2
52	28.2	23.2	34.8

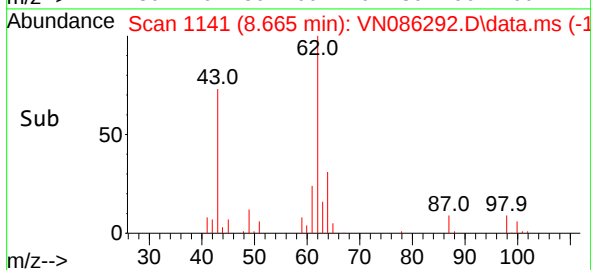
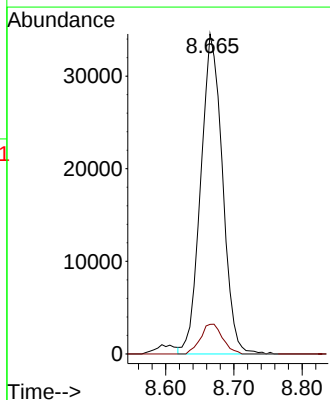
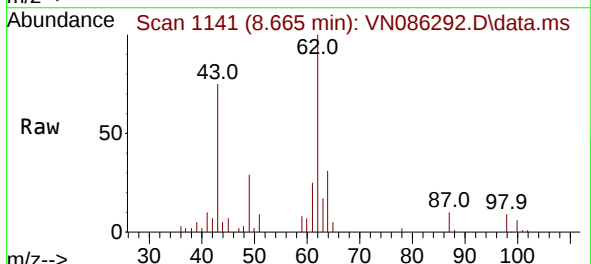
Manual Integrations
APPROVED

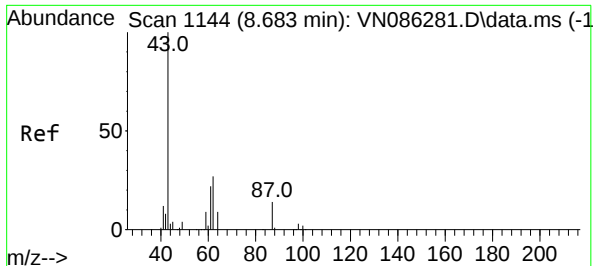
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#42
1,2-Dichloroethane
Concen: 19.857 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

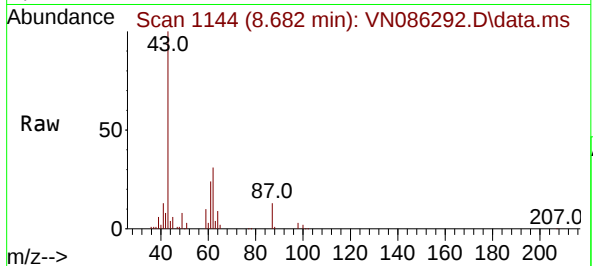
Tgt Ion:	62	Resp:	76607
Ion Ratio	100	Lower	Upper
98	9.5	0.0	19.2





#43
Isopropyl Acetate
Concen: 20.057 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

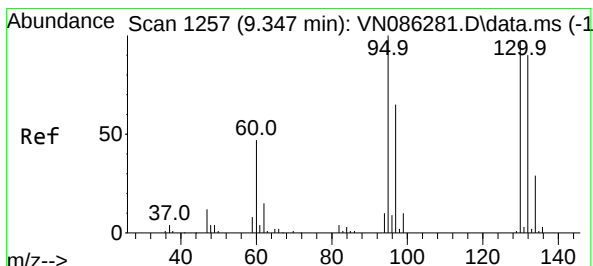
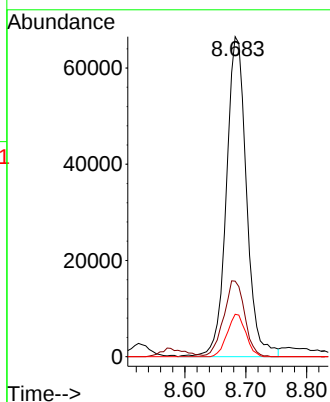
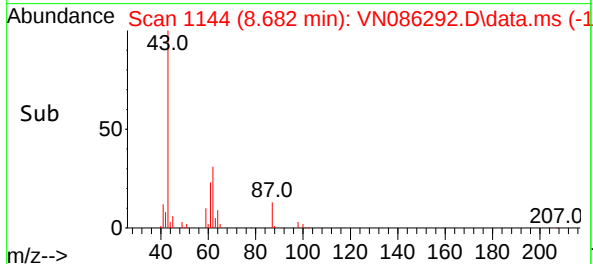
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion: 43 Resp: 15296
Ion Ratio Lower Upper
43 100
61 24.7 20.5 30.7
87 12.2 10.5 15.7

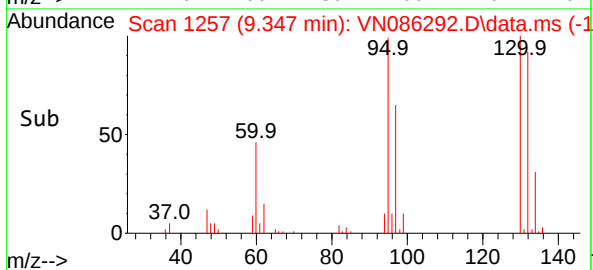
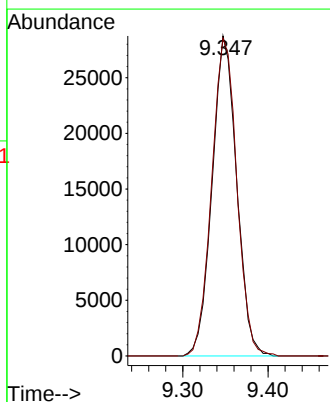
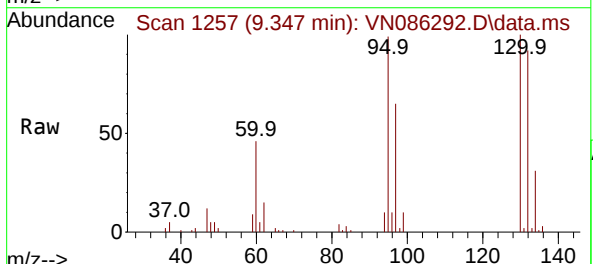
Manual Integrations
APPROVED

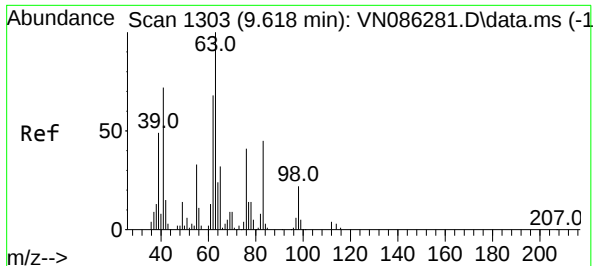
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#44
Trichloroethene
Concen: 20.014 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Tgt Ion:130 Resp: 57388
Ion Ratio Lower Upper
130 100
95 99.3 0.0 207.2





#45

1,2-Dichloropropane

Concen: 19.636 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086292.D

Acq: 16 Apr 2025 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBSD01

Tgt Ion: 63 Resp: 5814

Ion Ratio Lower Upper

63 100

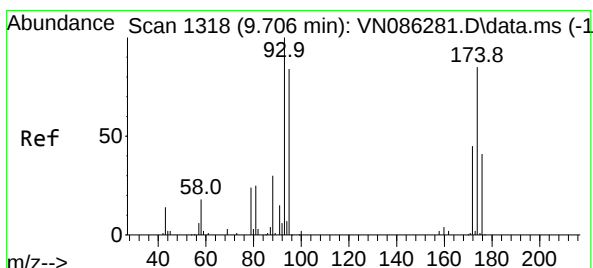
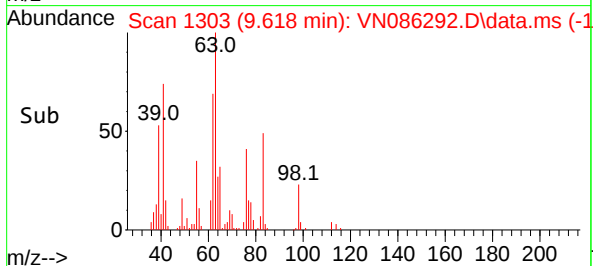
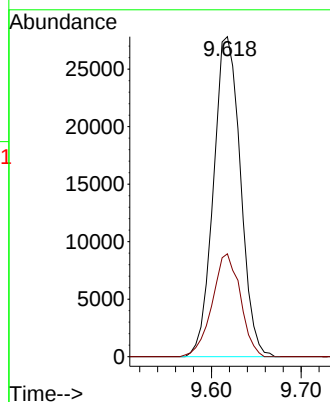
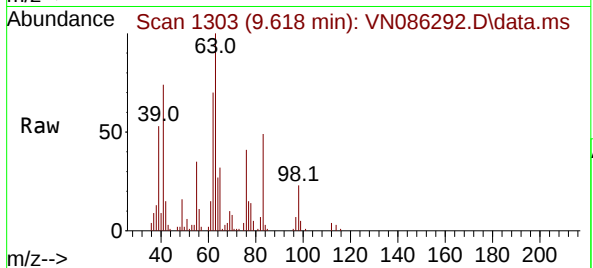
65 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#46

Dibromomethane

Concen: 20.335 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086292.D

Acq: 16 Apr 2025 13:14

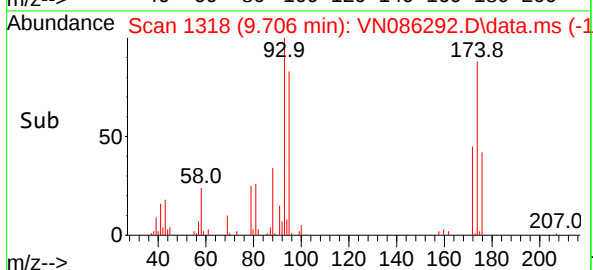
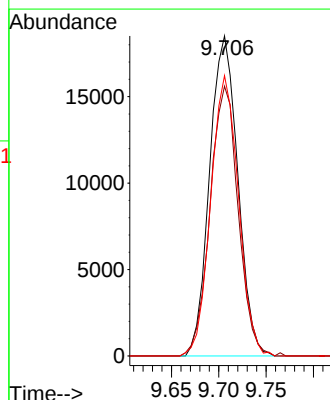
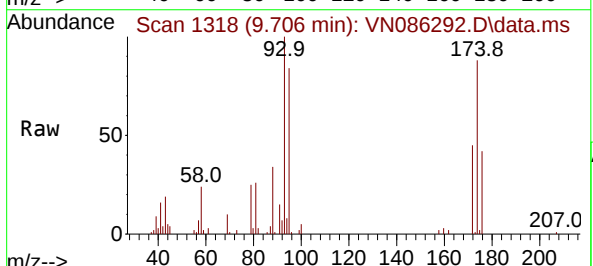
Tgt Ion: 93 Resp: 38369

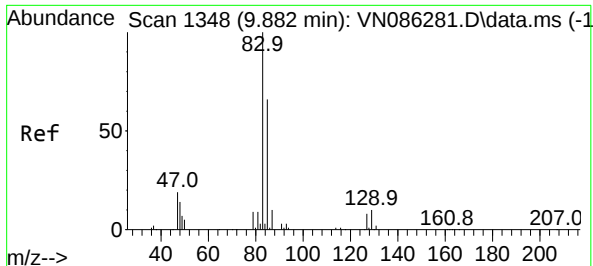
Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.4

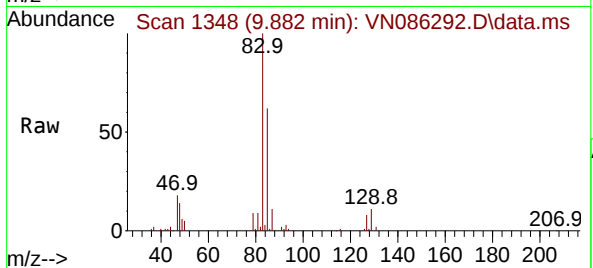
174 86.1 67.8 101.6





#47
Bromodichloromethane
Concen: 19.795 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

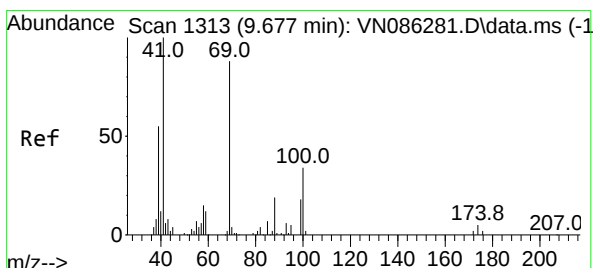
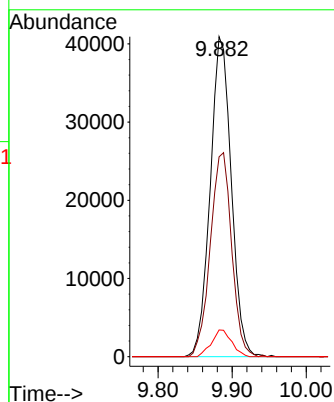
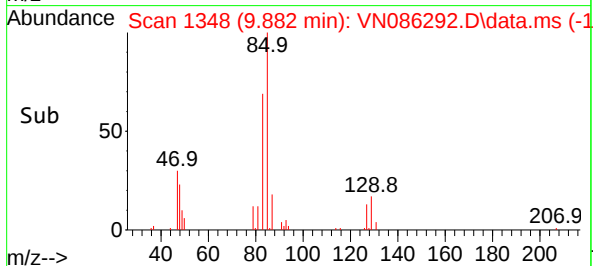
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



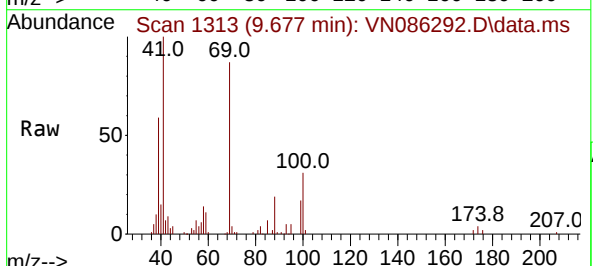
Tgt Ion: 83 Resp: 80669
Ion Ratio Lower Upper
83 100
85 62.5 52.6 78.8
127 8.4 6.1 9.1

Manual Integrations
APPROVED

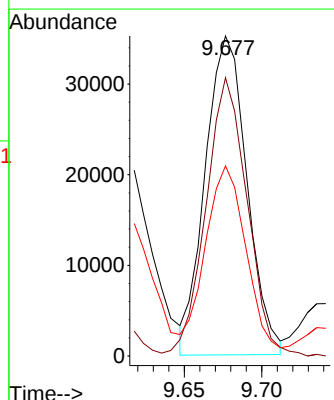
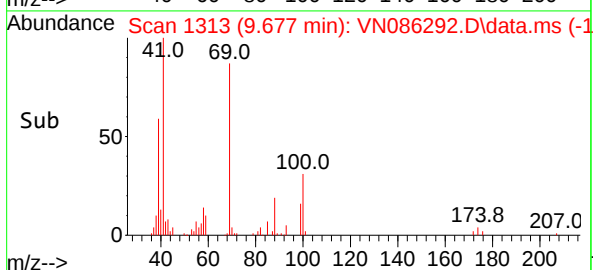
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

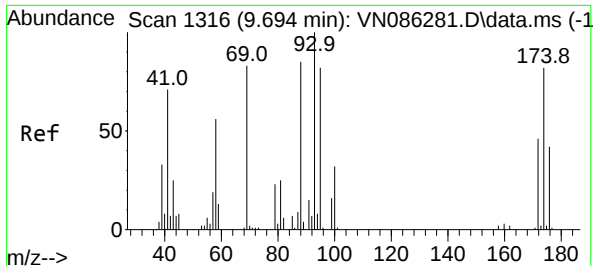


#48
Methyl methacrylate
Concen: 18.877 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14



Tgt Ion: 41 Resp: 65898
Ion Ratio Lower Upper
41 100
69 86.1 68.2 102.2
39 58.9 45.2 67.8





#49

1,4-Dioxane

Concen: 405.872 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.000 min

Lab File: VN086292.D

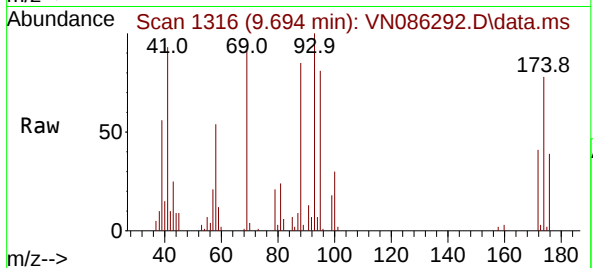
Acq: 16 Apr 2025 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBSD01



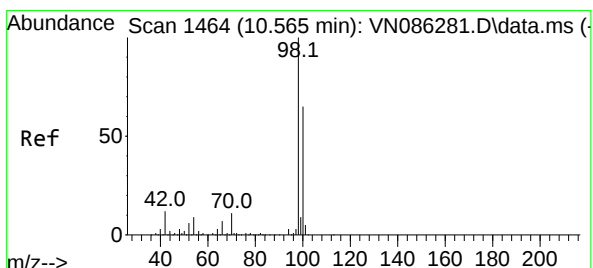
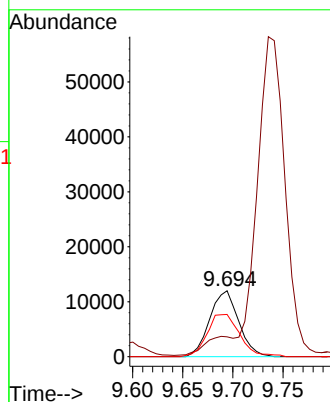
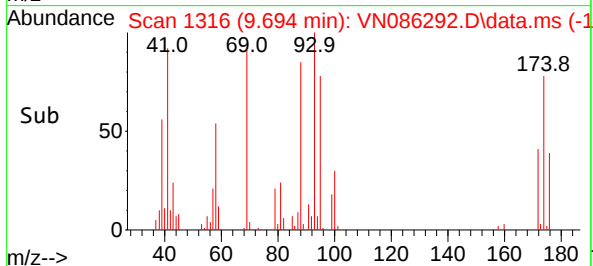
Tgt Ion:	88	Resp:	2410
Ion Ratio	Lower	Upper	
88	100		
43	28.5	23.8	35.8
58	72.4	57.4	86.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#50

Toluene-d8

Concen: 54.632 ug/l

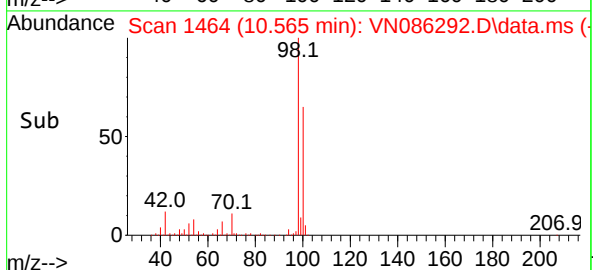
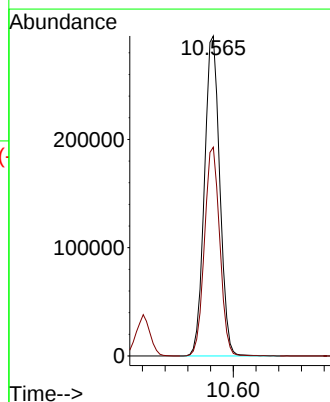
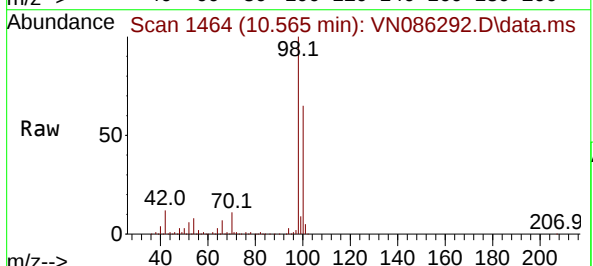
RT: 10.565 min Scan# 1464

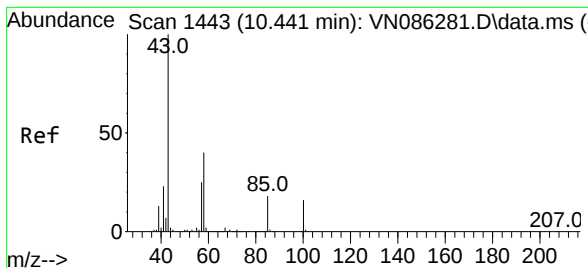
Delta R.T. -0.000 min

Lab File: VN086292.D

Acq: 16 Apr 2025 13:14

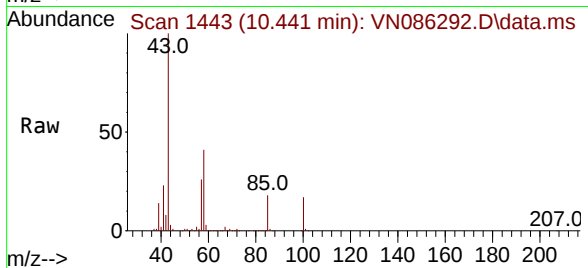
Tgt Ion:	98	Resp:	551979
Ion Ratio	Lower	Upper	
98	100		
100	65.2	52.5	78.7





#51
4-Methyl-2-Pentanone
Concen: 100.180 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

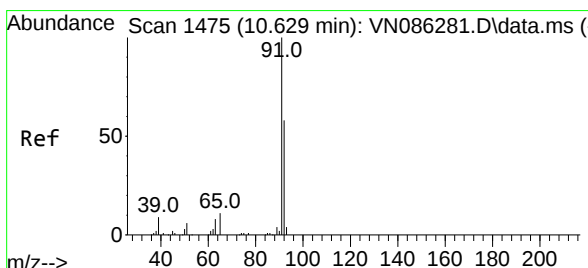
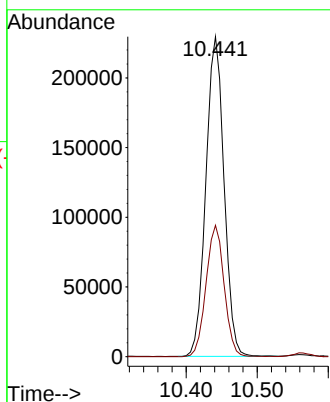
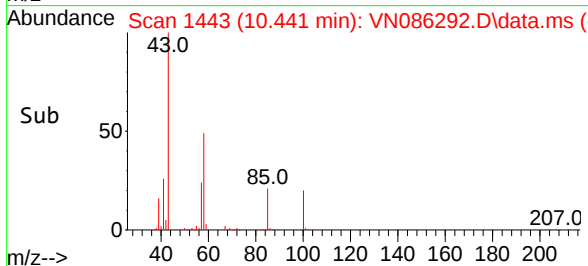
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion: 43 Resp: 407802
Ion Ratio Lower Upper
43 100
58 41.1 32.2 48.4

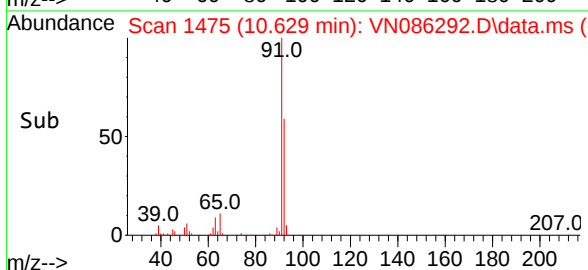
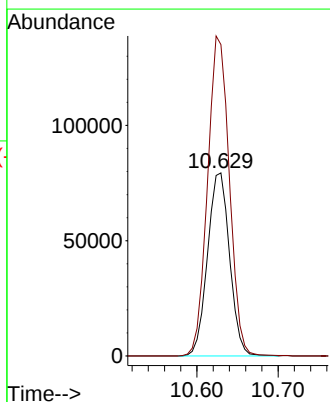
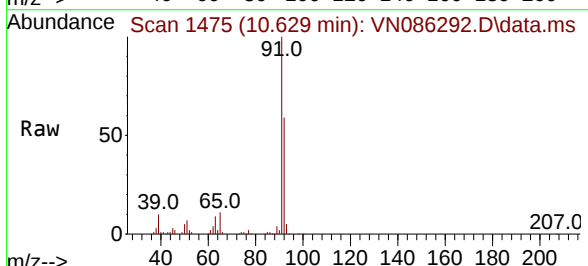
Manual Integrations
APPROVED

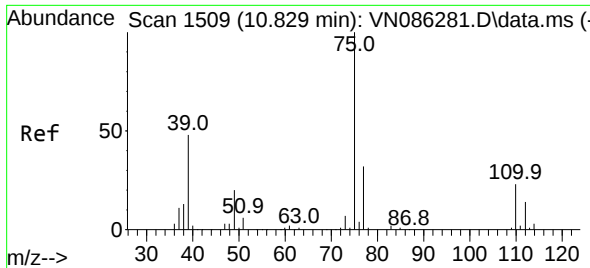
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#52
Toluene
Concen: 19.835 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Tgt Ion: 92 Resp: 149726
Ion Ratio Lower Upper
92 100
91 173.0 137.3 205.9





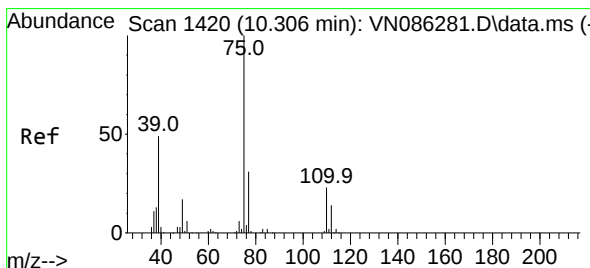
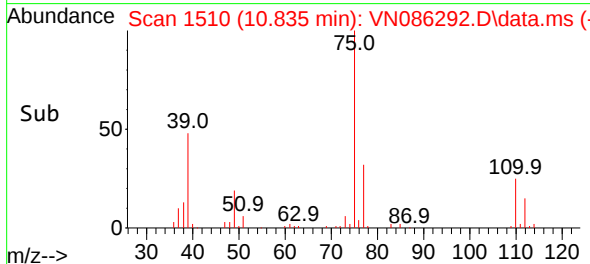
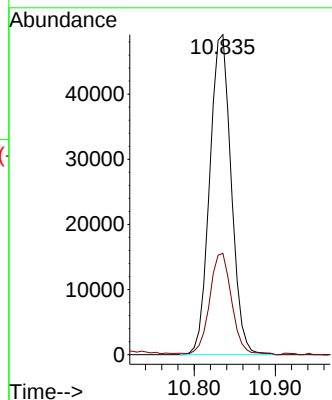
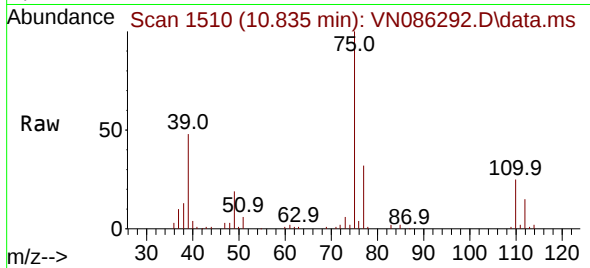
#53
 t-1,3-Dichloropropene
 Concen: 19.871 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN086292.D
 Acq: 16 Apr 2025 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBSD01

Tgt Ion: 75 Resp: 90390
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0

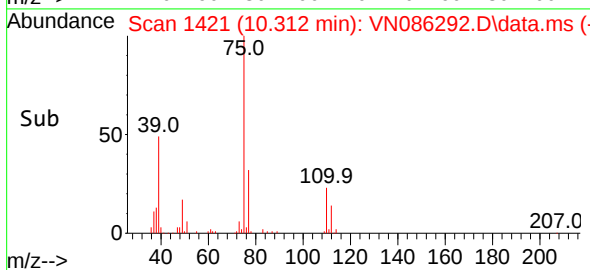
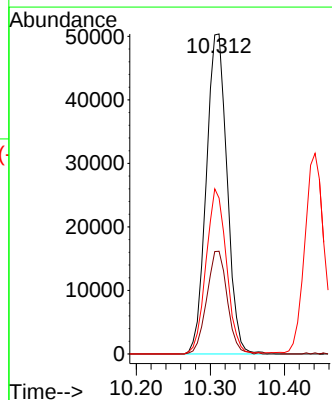
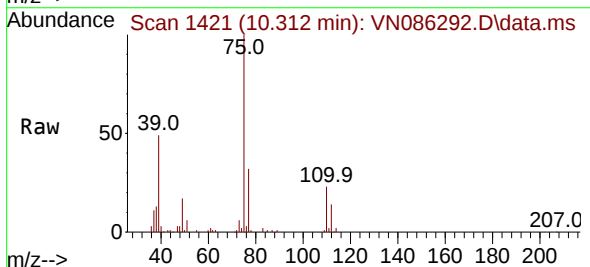
Manual Integrations
 APPROVED

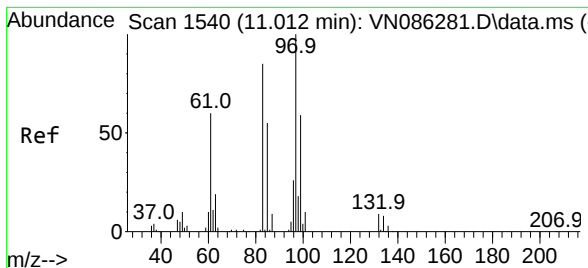
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#54
 cis-1,3-Dichloropropene
 Concen: 19.610 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN086292.D
 Acq: 16 Apr 2025 13:14

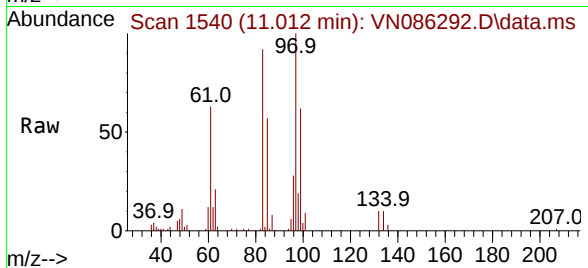
Tgt Ion: 75 Resp: 97983
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.2 37.8
 39 48.7 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 19.663 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

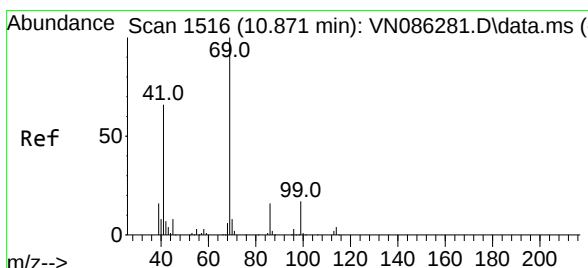
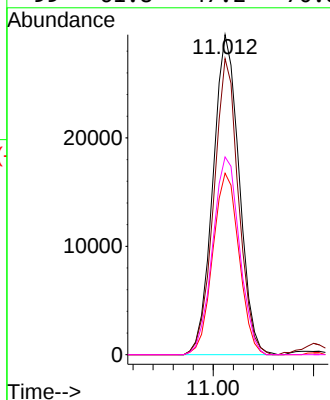
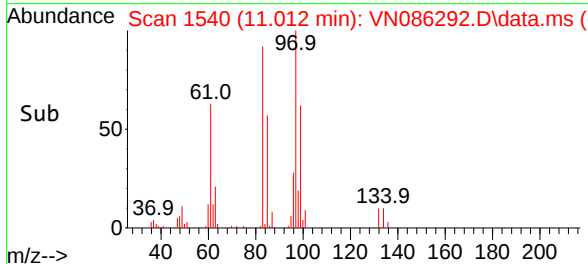
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.5	68.4	102.6
85	56.7	43.9	65.9
99	61.8	47.2	70.8

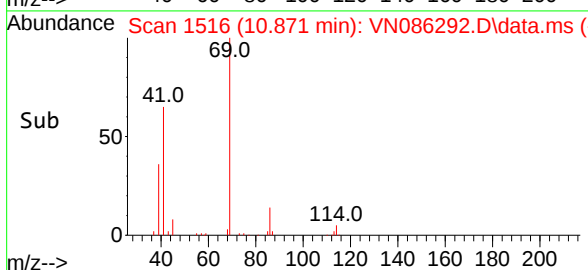
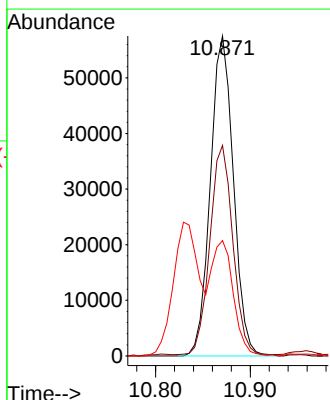
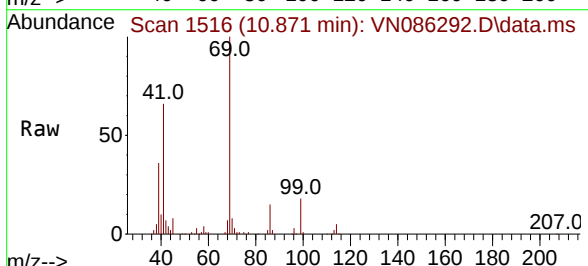
Manual Integrations
APPROVED

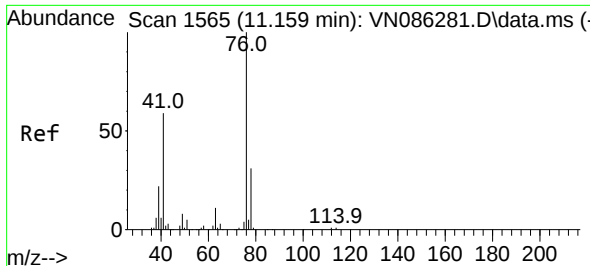
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#56
Ethyl methacrylate
Concen: 19.466 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.4	51.7	77.5
39	34.2	26.3	39.5





#57

1,3-Dichloropropane

Concen: 19.799 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086292.D

Acq: 16 Apr 2025 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBSD01

Tgt Ion: 76 Resp: 9540

Ion Ratio Lower Upper

76 100

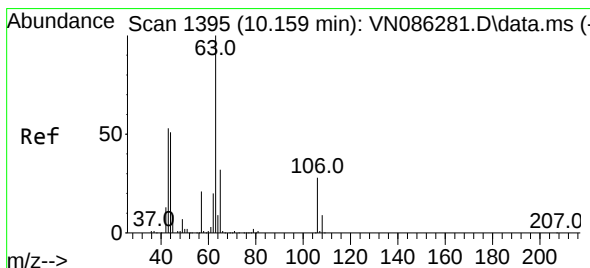
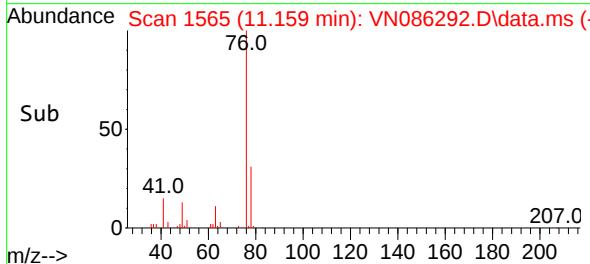
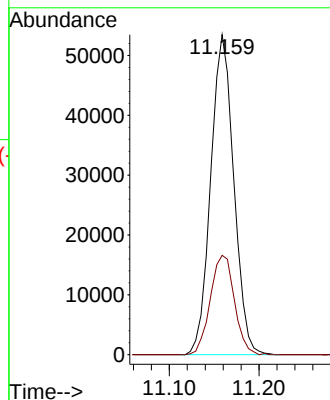
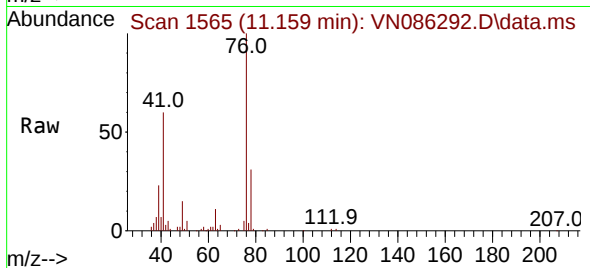
78 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 100.539 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086292.D

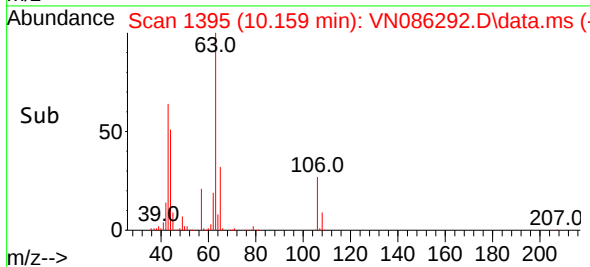
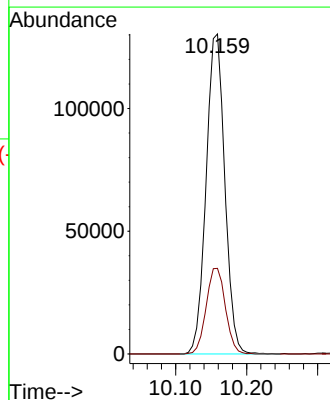
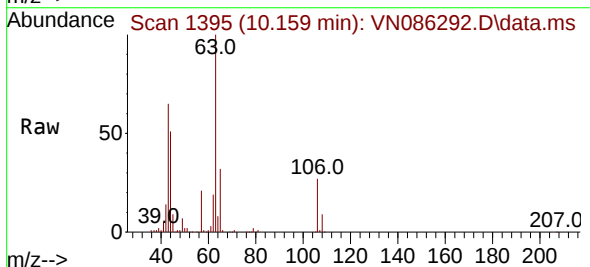
Acq: 16 Apr 2025 13:14

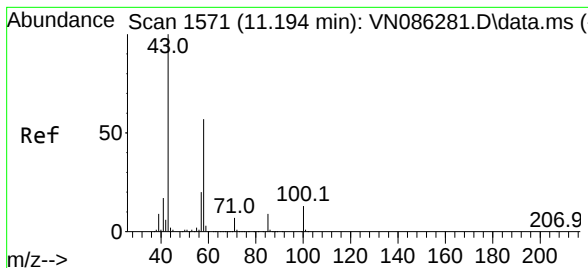
Tgt Ion: 63 Resp: 238231

Ion Ratio Lower Upper

63 100

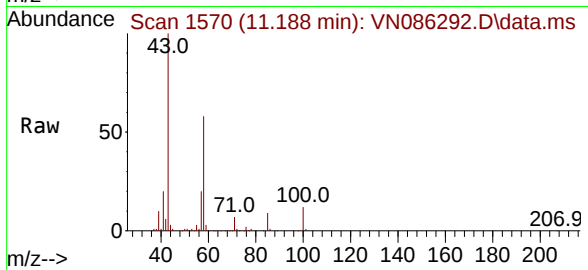
106 27.5 22.2 33.2





#59
2-Hexanone
Concen: 99.823 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

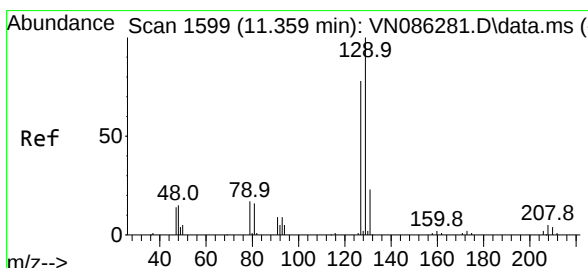
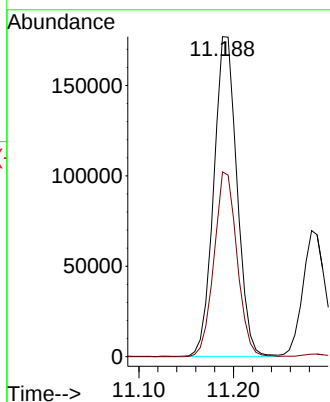
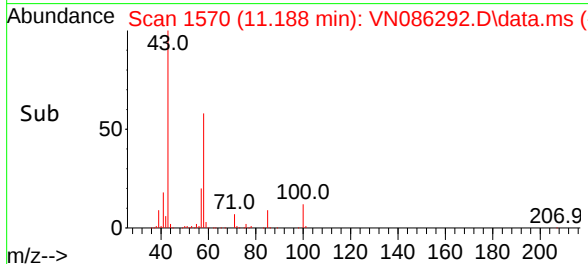
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion: 43 Resp: 301404
Ion Ratio Lower Upper
43 100
58 57.3 28.3 85.0

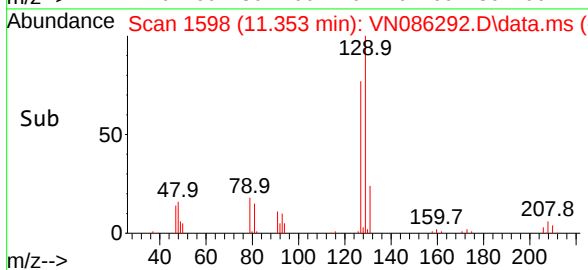
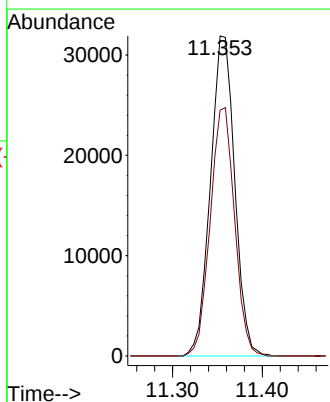
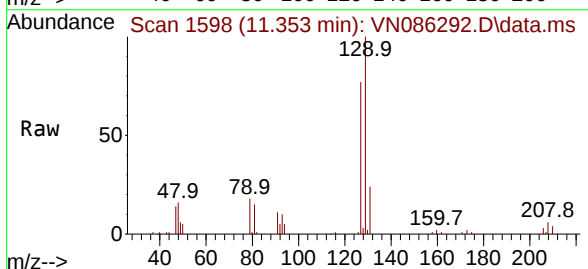
Manual Integrations
APPROVED

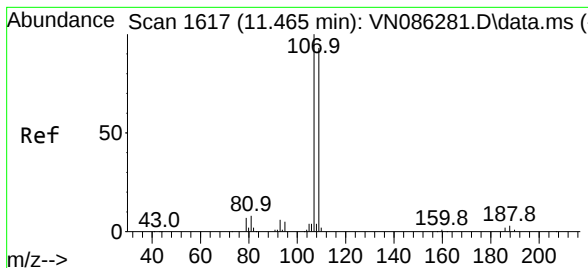
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#60
Dibromochloromethane
Concen: 20.114 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

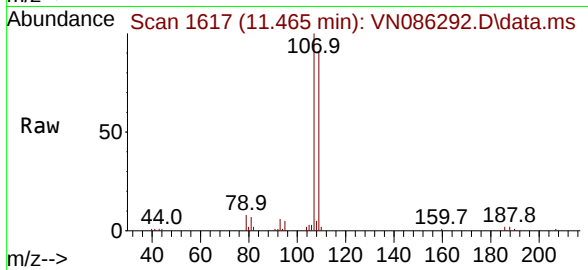
Tgt Ion:129 Resp: 59988
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61
1,2-Dibromoethane
Concen: 20.249 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

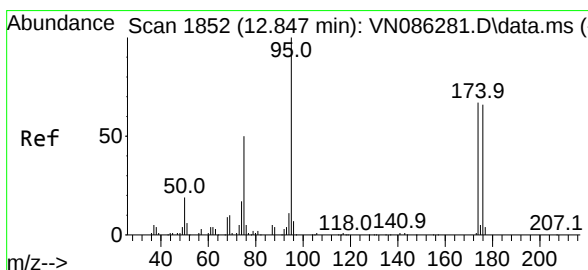
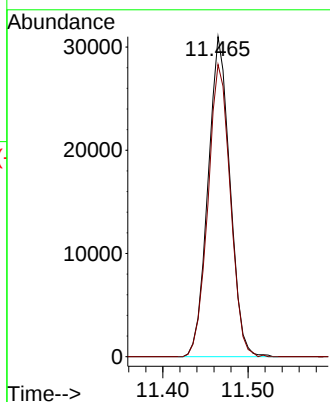
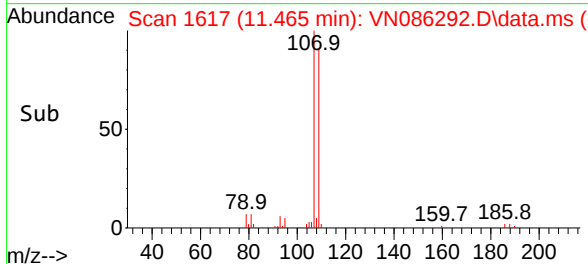
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



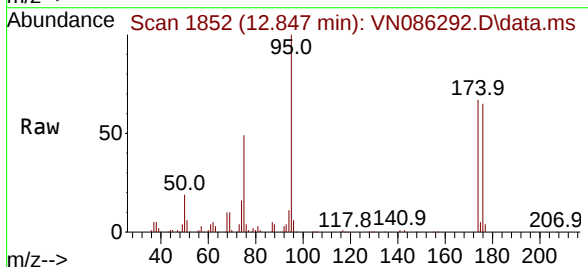
Tgt Ion:107 Resp: 5549
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.0

Manual Integrations
APPROVED

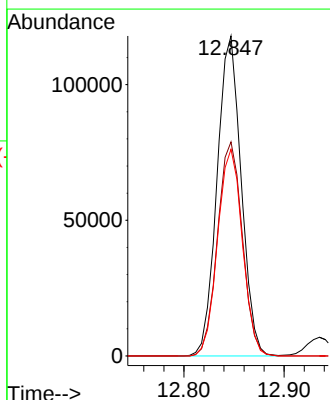
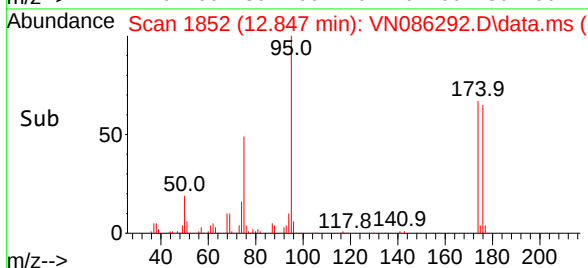
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

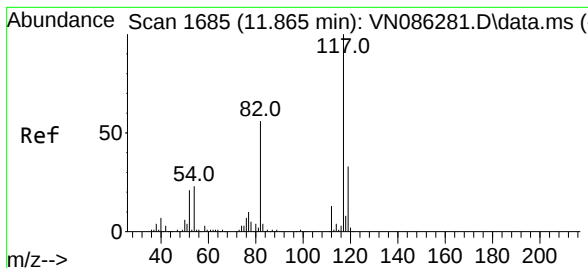


#62
4-Bromofluorobenzene
Concen: 53.558 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14



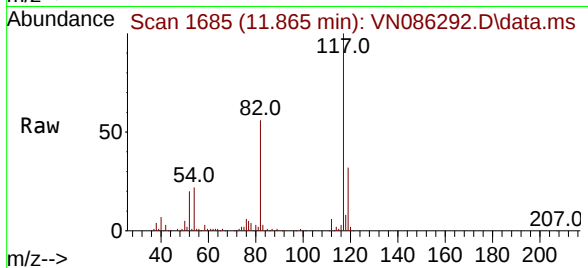
Tgt Ion: 95 Resp: 197374
Ion Ratio Lower Upper
95 100
174 68.6 0.0 133.4
176 66.2 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

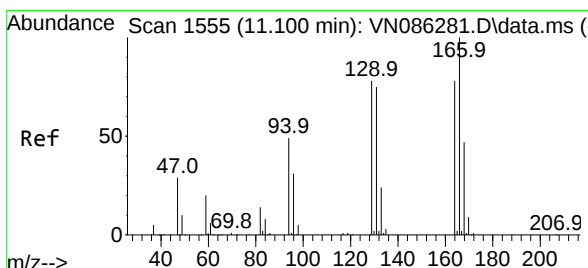
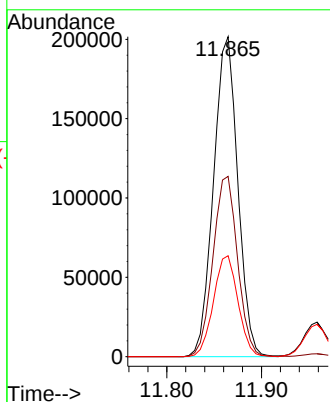
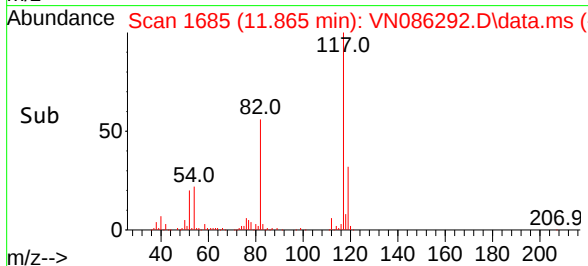
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion:117 Resp: 35912
Ion Ratio Lower Upper
117 100
82 56.3 44.7 67.1
119 31.6 26.4 39.6

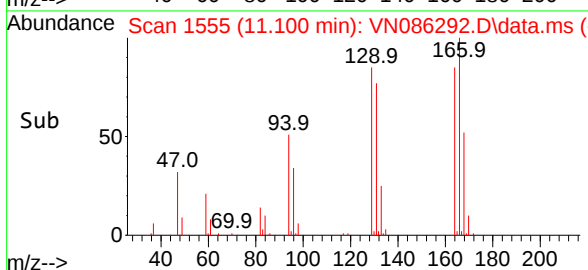
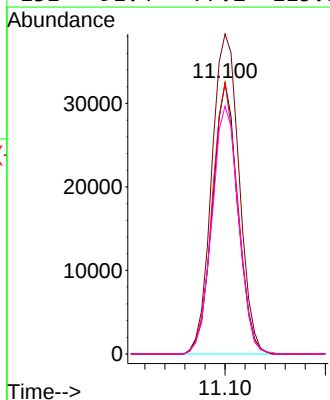
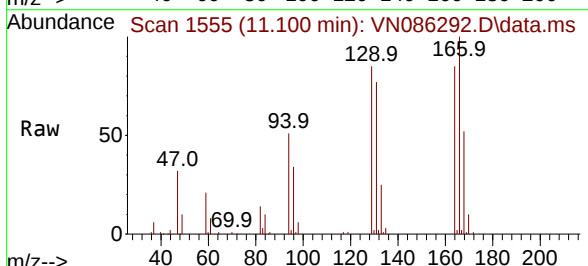
Manual Integrations
APPROVED

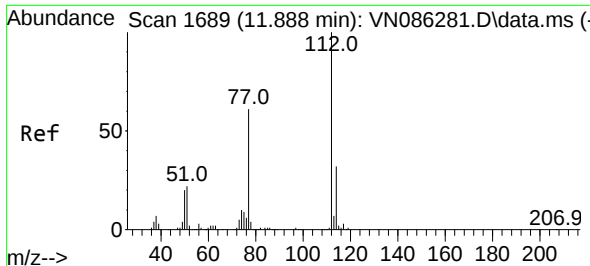
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#64
Tetrachloroethene
Concen: 20.560 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

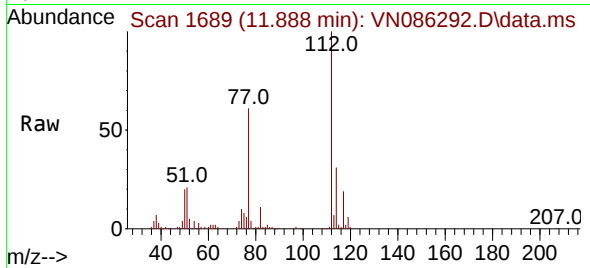
Tgt Ion:164 Resp: 56794
Ion Ratio Lower Upper
164 100
166 118.0 103.0 154.4
129 100.0 80.1 120.1
131 91.4 77.2 115.8





#65
Chlorobenzene
Concen: 19.747 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

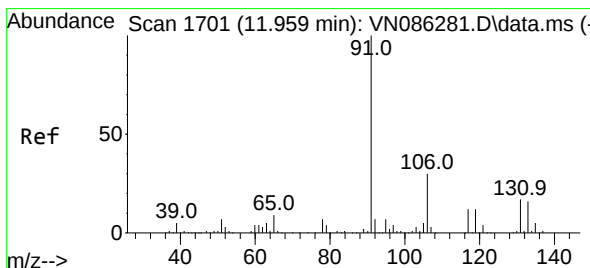
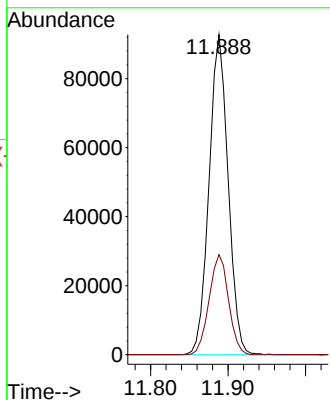
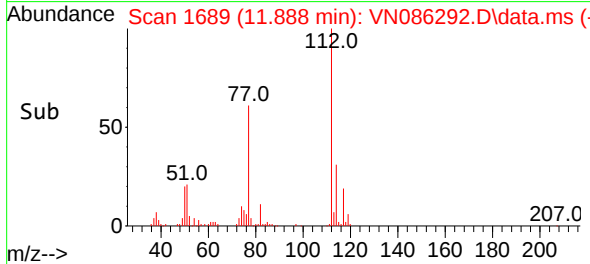
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



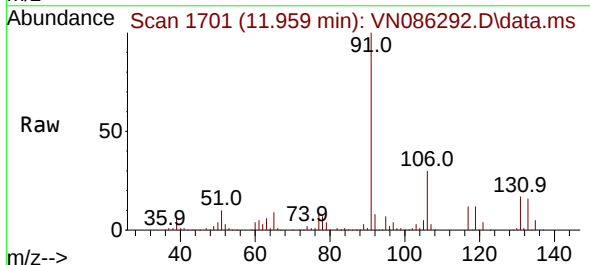
Tgt Ion:112 Resp: 15826
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0

Manual Integrations
APPROVED

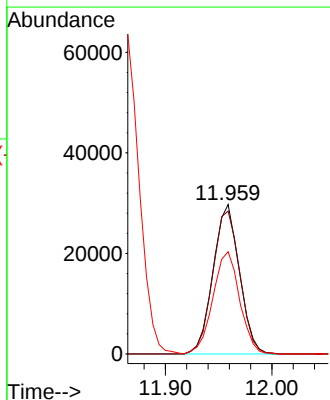
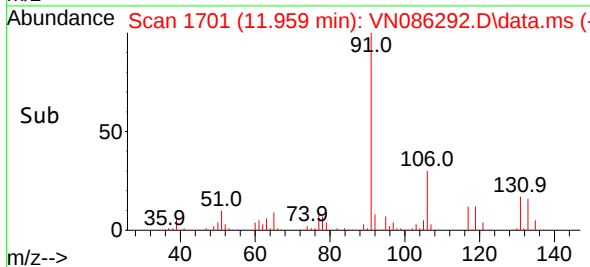
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

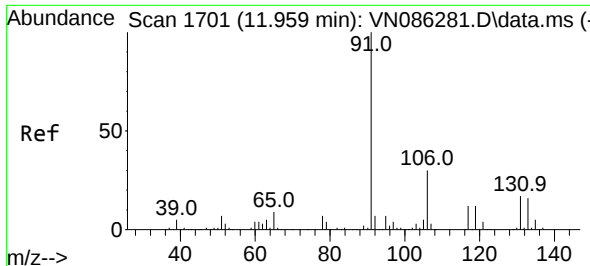


#66
1,1,1,2-Tetrachloroethane
Concen: 19.288 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14



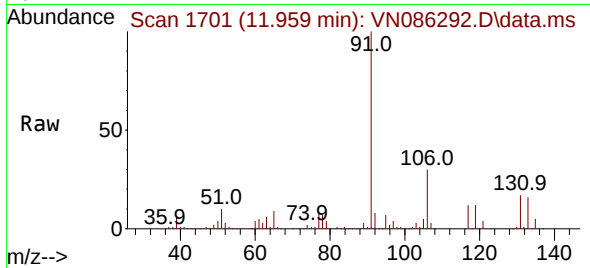
Tgt Ion:131 Resp: 50996
Ion Ratio Lower Upper
131 100
133 98.7 47.1 141.3
119 69.4 33.8 101.4





#67
Ethyl Benzene
Concen: 19.853 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

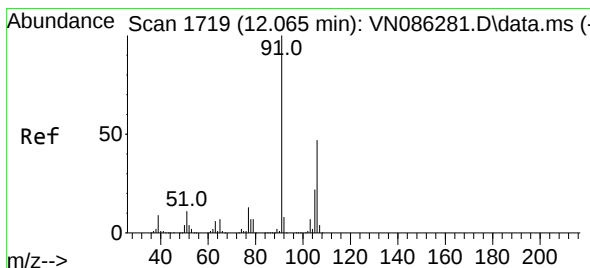
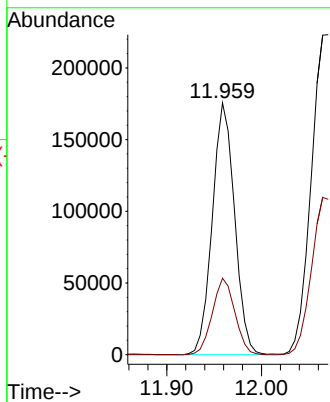
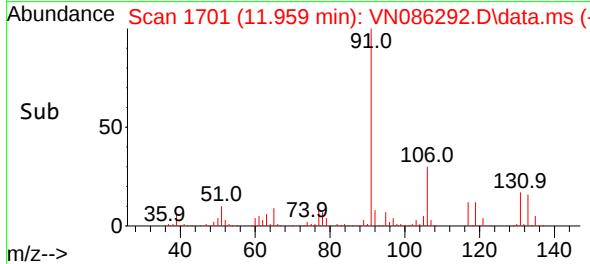
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion: 91 Resp: 287125
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

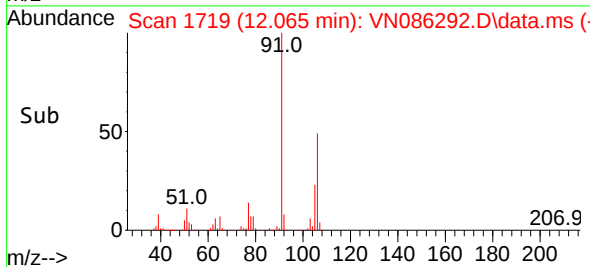
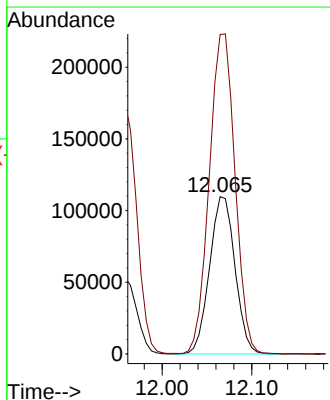
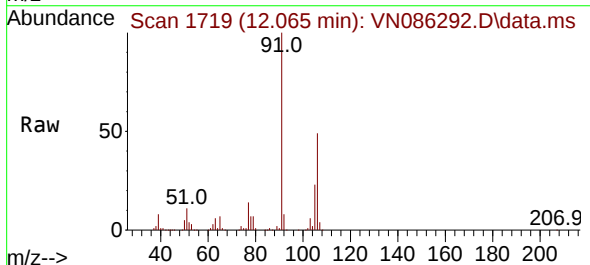
Manual Integrations
APPROVED

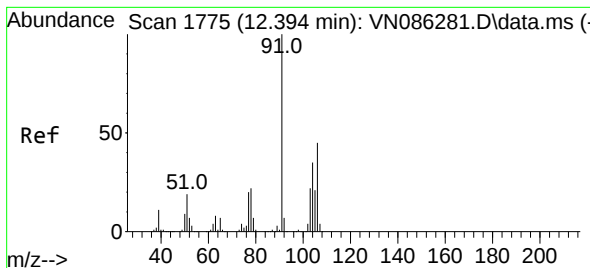
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#68
m/p-Xylenes
Concen: 39.843 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Tgt Ion:106 Resp: 215908
Ion Ratio Lower Upper
106 100
91 206.2 166.5 249.7





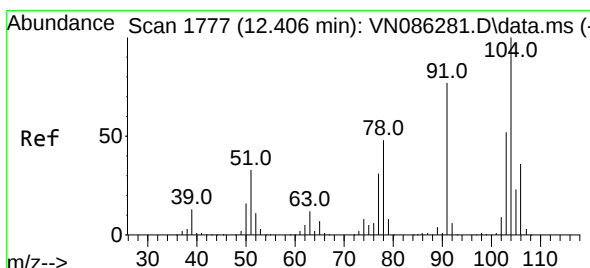
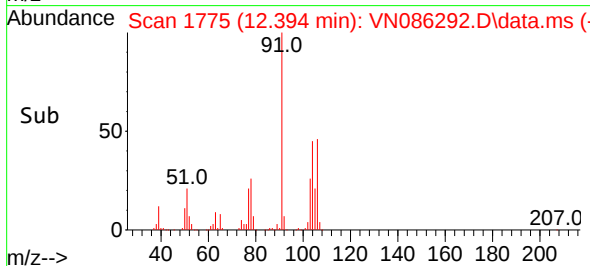
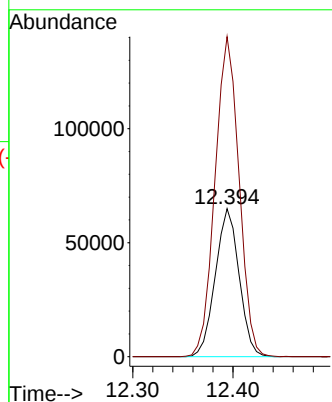
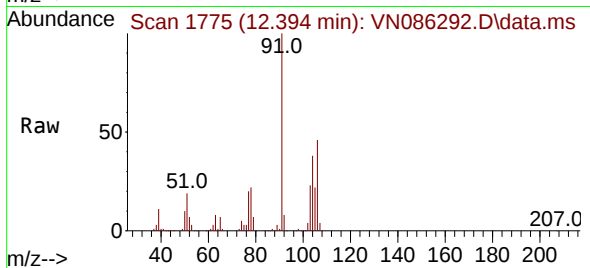
#69
o-Xylene
Concen: 19.899 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

Tgt Ion:106 Resp: 10664
Ion Ratio Lower Upper
106 100
91 218.6 109.7 329.0

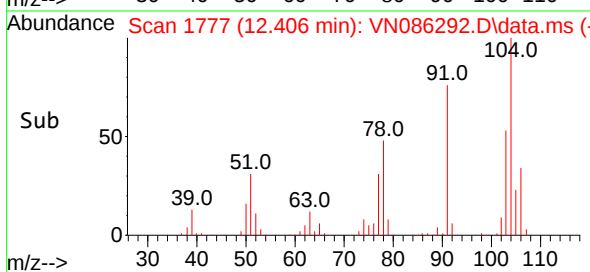
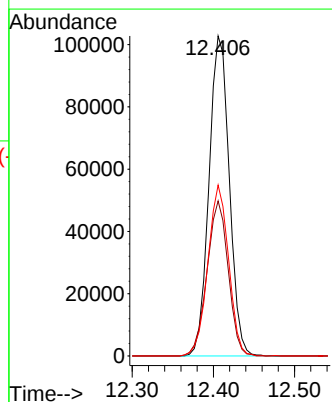
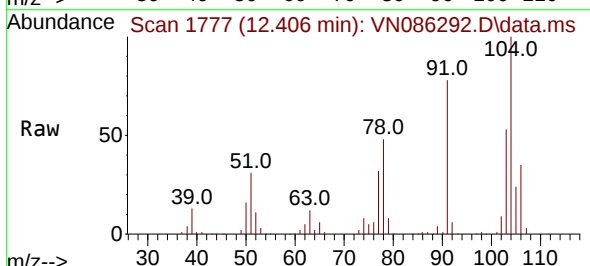
Manual Integrations
APPROVED

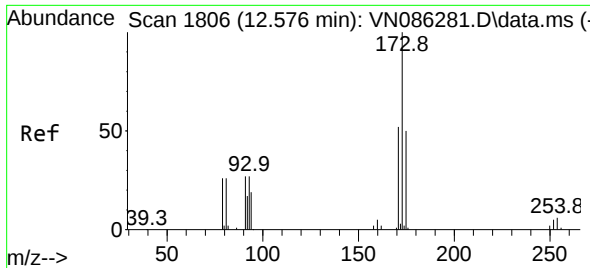
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#70
Styrene
Concen: 19.977 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

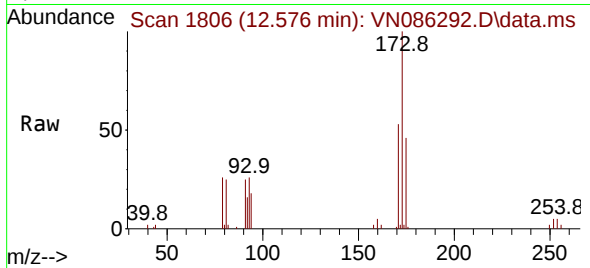
Tgt Ion:104 Resp: 178378
Ion Ratio Lower Upper
104 100
78 50.6 40.6 61.0
103 54.5 43.6 65.4





#71
Bromoform
Concen: 20.276 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

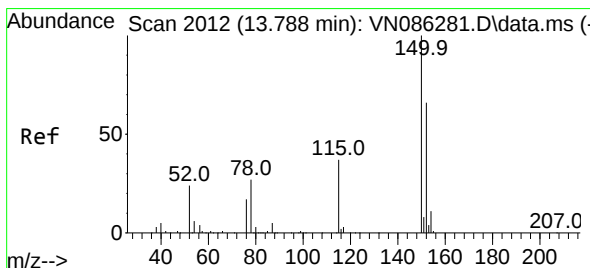
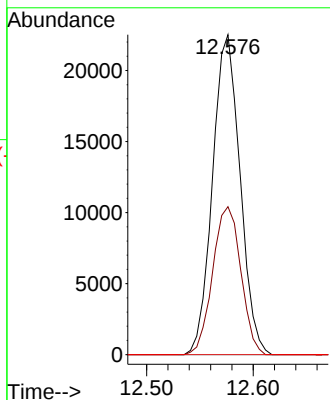
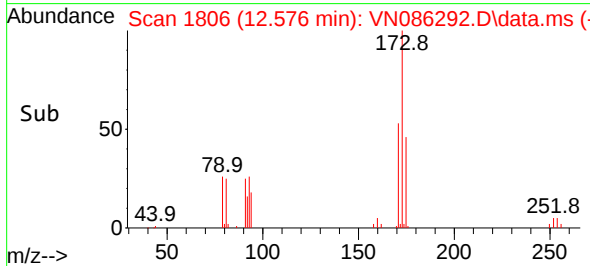
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



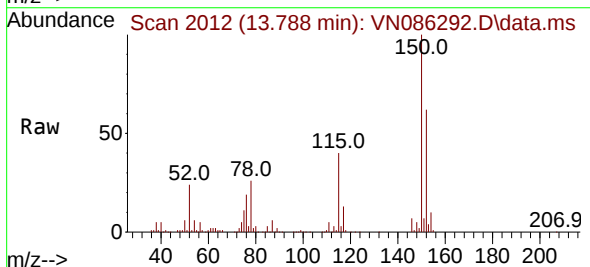
Tgt Ion:173 Resp: 4036
Ion Ratio Lower Upper
173 100
175 47.4 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

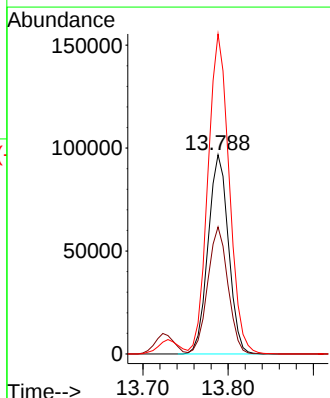
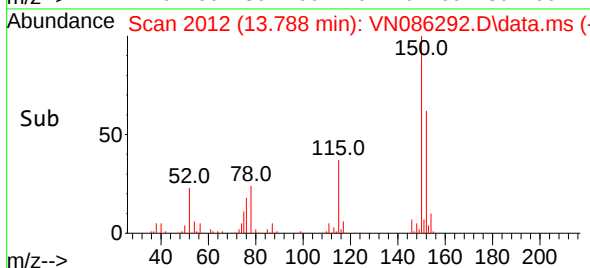
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

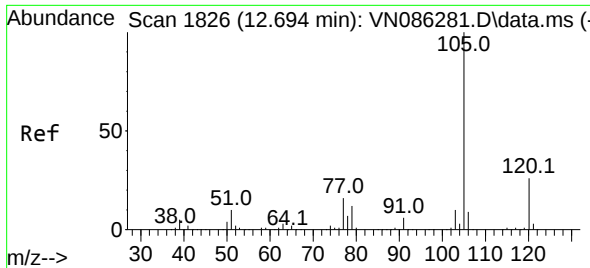


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14



Tgt Ion:152 Resp: 160957
Ion Ratio Lower Upper
152 100
115 63.4 31.9 95.9
150 167.6 0.0 352.0





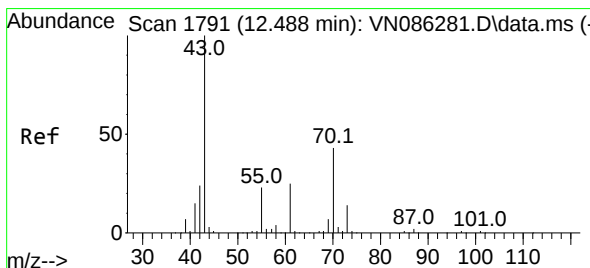
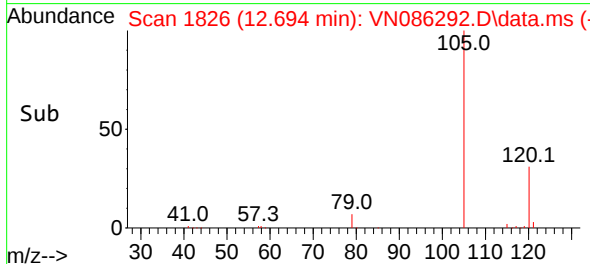
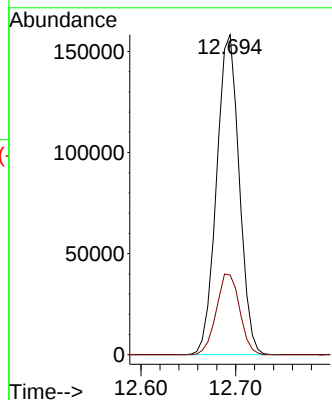
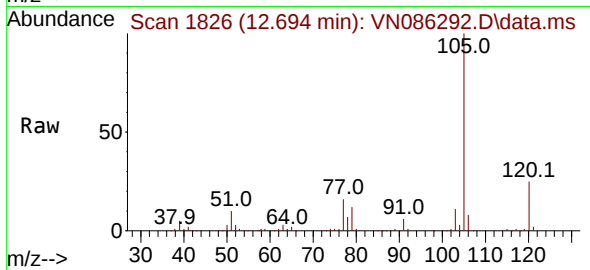
#73
Isopropylbenzene
Concen: 19.972 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

Tgt Ion:105 Resp: 262970
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3

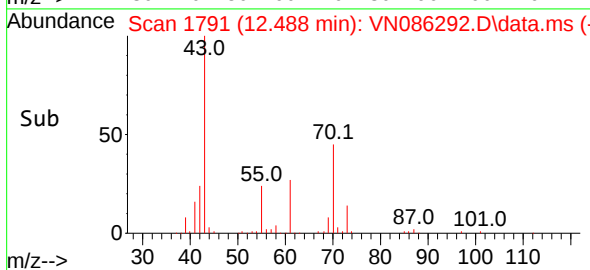
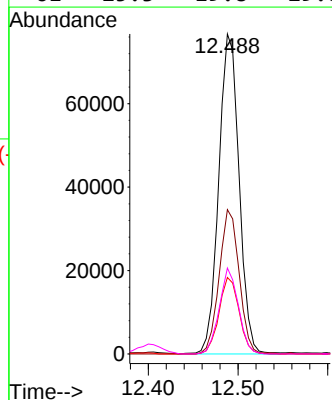
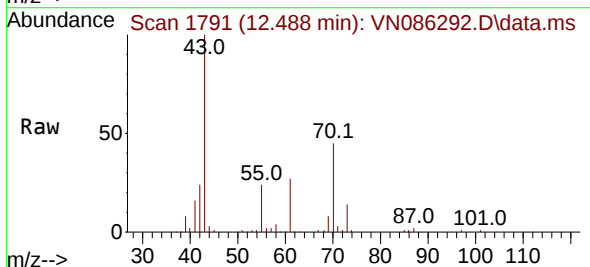
Manual Integrations
APPROVED

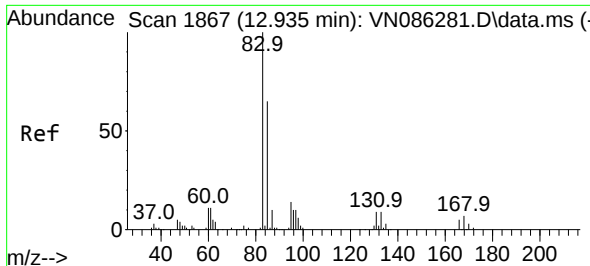
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#74
N-ethyl acetate
Concen: 18.417 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

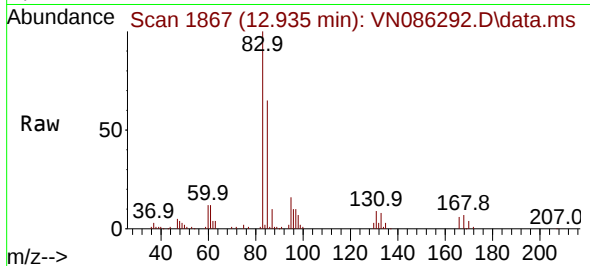
Tgt Ion: 43 Resp: 120719
Ion Ratio Lower Upper
43 100
70 44.2 35.0 52.4
55 23.7 19.0 28.4
61 25.3 19.8 29.8





#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.790 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN086292.D
 Acq: 16 Apr 2025 13:14

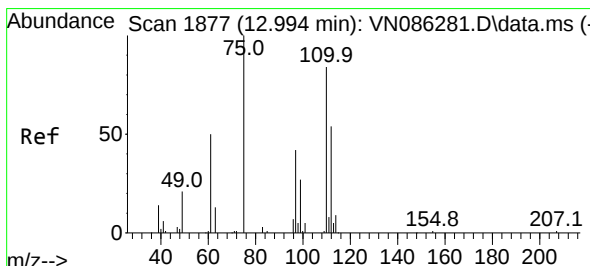
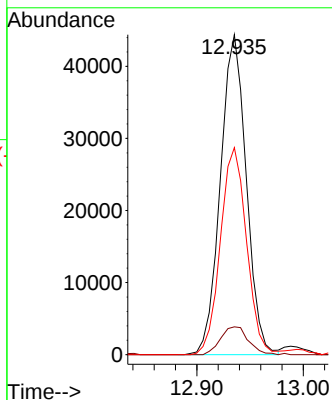
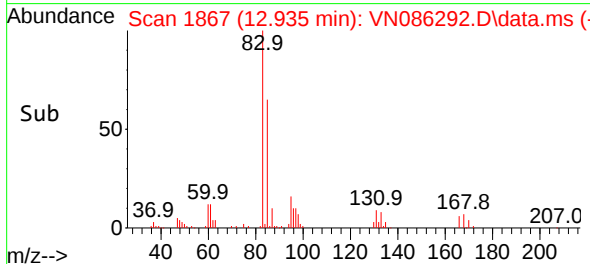
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBSD01



Tgt Ion: 83 Resp: 7492
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.7 14.1
 85 65.3 32.7 98.1

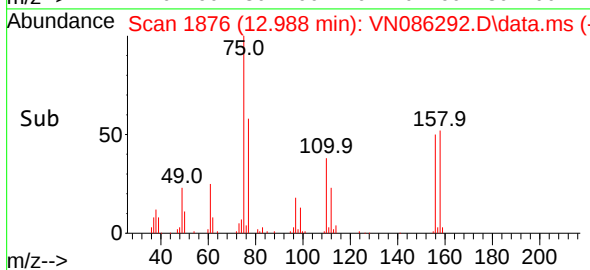
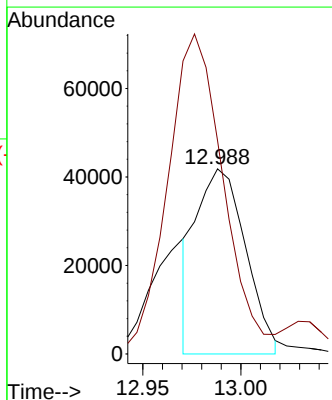
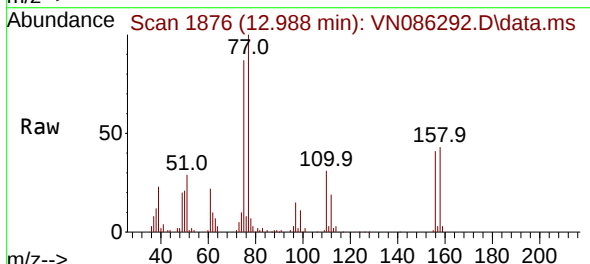
Manual Integrations
 APPROVED

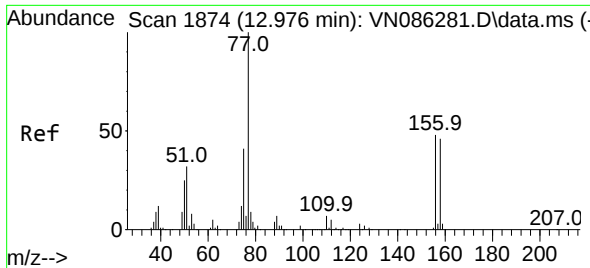
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#76
 1,2,3-Trichloropropane
 Concen: 19.177 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN086292.D
 Acq: 16 Apr 2025 13:14

Tgt Ion: 75 Resp: 72842
 Ion Ratio Lower Upper
 75 100
 77 197.4 98.8 296.4





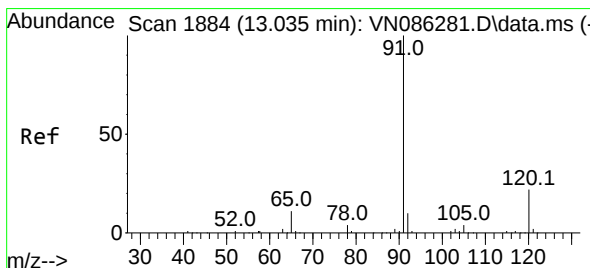
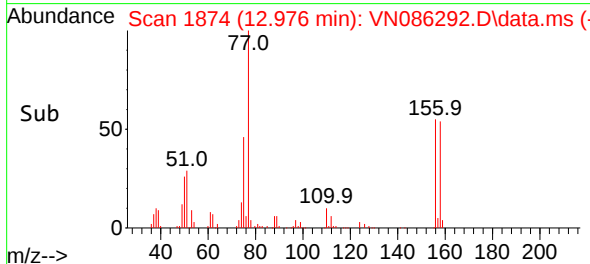
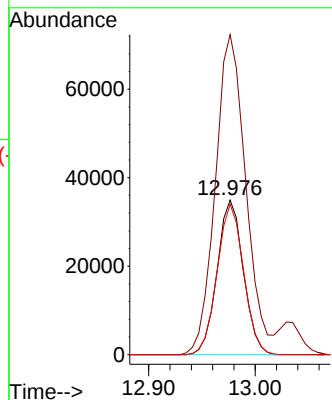
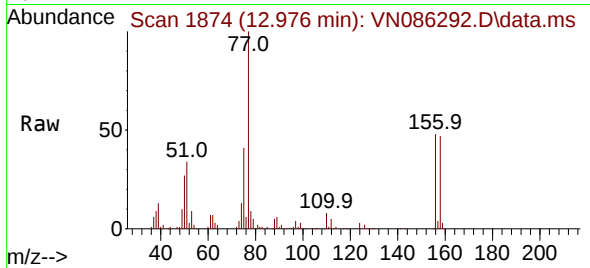
#77
Bromobenzene
Concen: 20.438 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

Tgt Ion:156 Resp: 59629
Ion Ratio Lower Upper
156 100
77 241.2 121.1 363.1
158 98.2 47.9 143.6

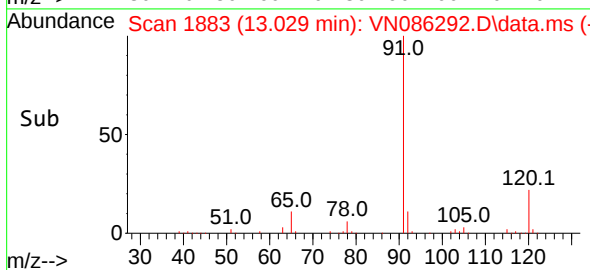
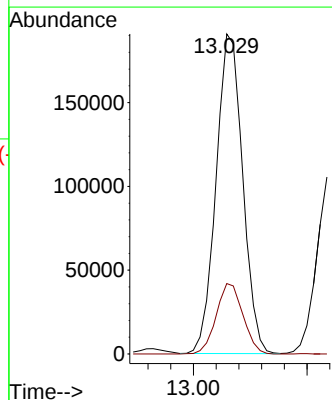
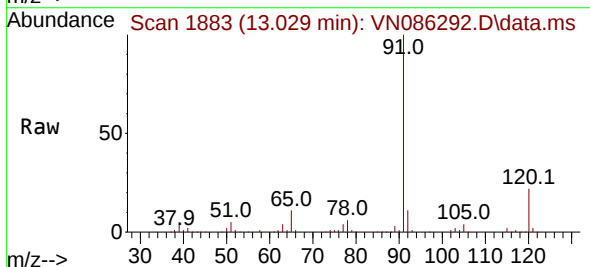
Manual Integrations
APPROVED

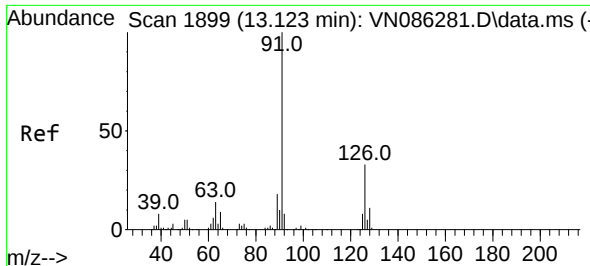
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#78
n-propylbenzene
Concen: 19.999 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Tgt Ion: 91 Resp: 310295
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3





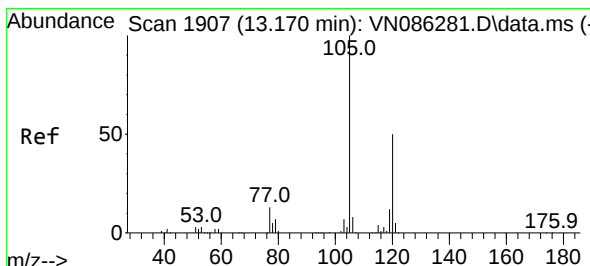
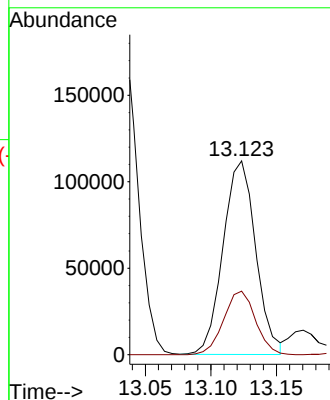
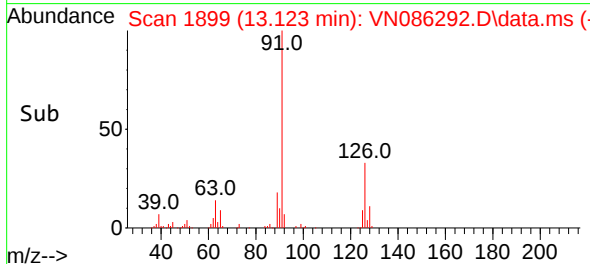
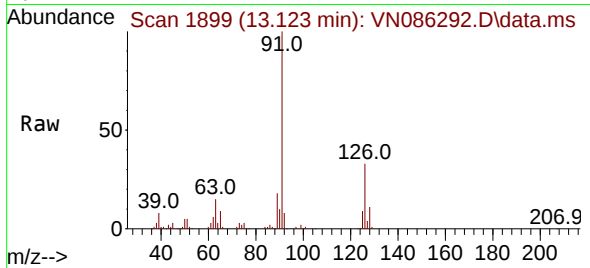
#79
2-Chlorotoluene
Concen: 19.971 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

Tgt Ion: 91 Resp: 19388
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.2

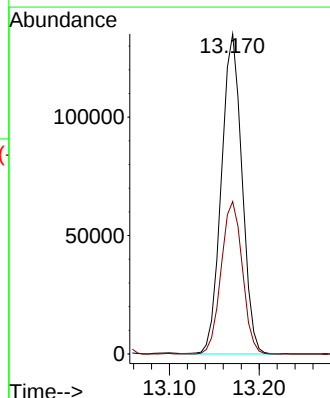
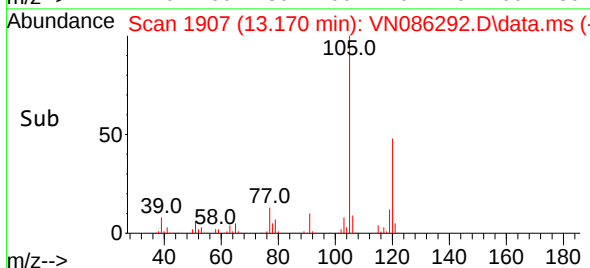
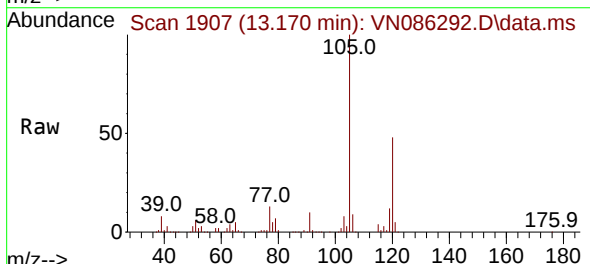
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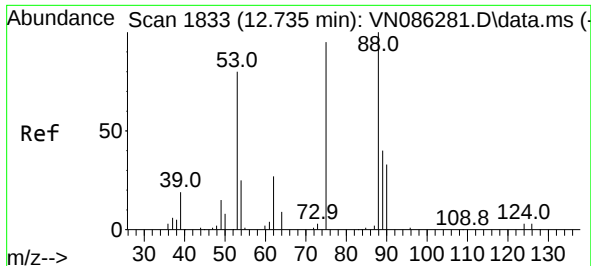
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.999 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Tgt Ion:105 Resp: 215520
Ion Ratio Lower Upper
105 100
120 48.8 24.5 73.5





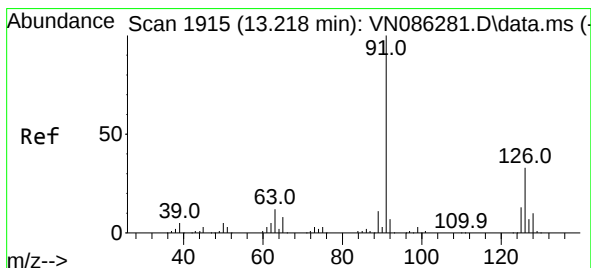
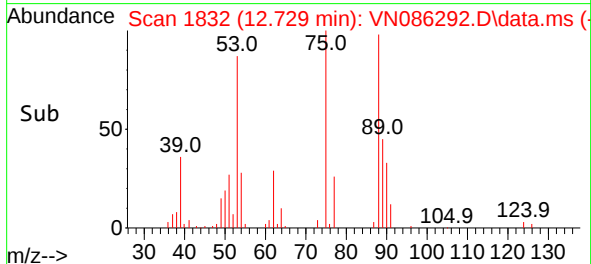
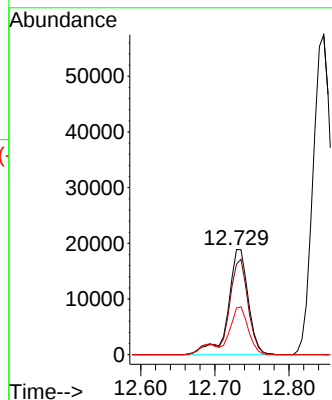
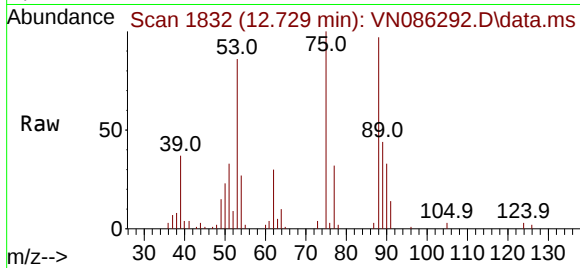
#81
trans-1,4-Dichloro-2-butene
Concen: 22.426 ug/l
RT: 12.729 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

Tgt Ion: 75 Resp: 35468
Ion Ratio Lower Upper
75 100
53 90.4 79.2 118.8
89 40.6 35.7 53.5

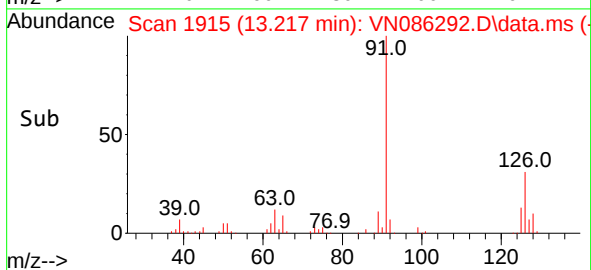
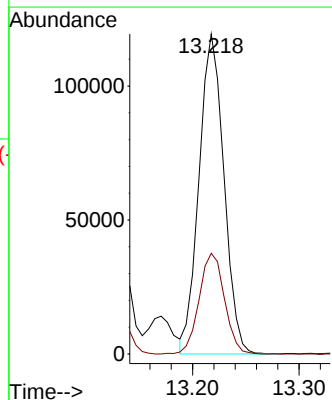
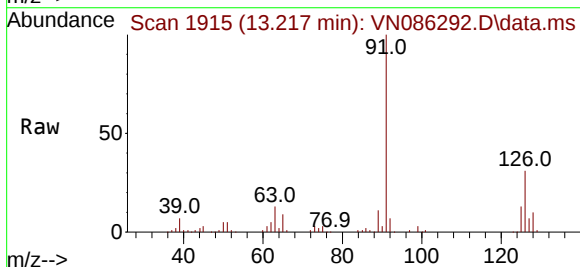
Manual Integrations
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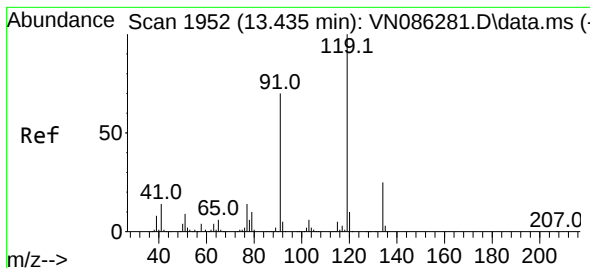
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#82
4-Chlorotoluene
Concen: 20.150 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

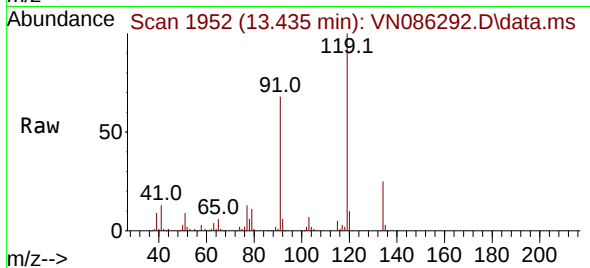
Tgt Ion: 91 Resp: 194326
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6





#83
tert-Butylbenzene
Concen: 19.705 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

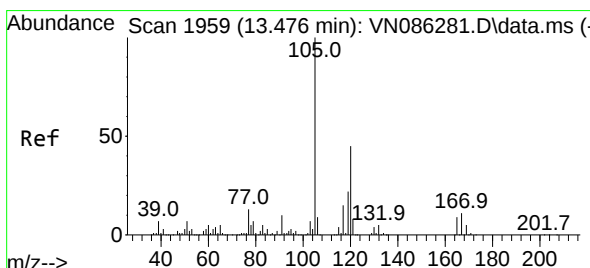
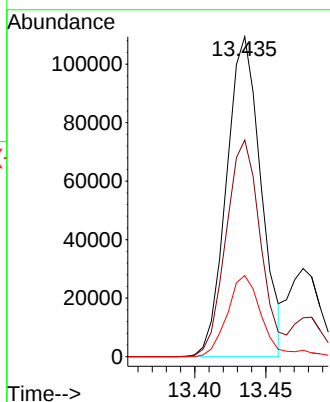
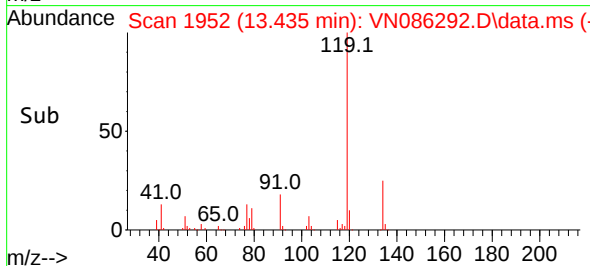
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



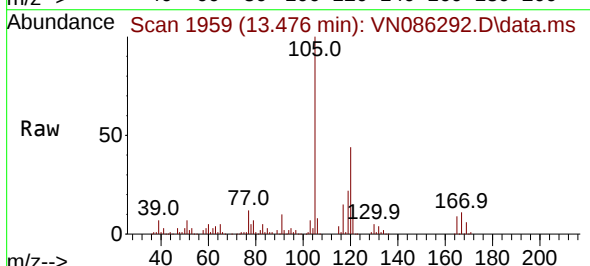
Tgt Ion:119 Resp: 18400
Ion Ratio Lower Upper
119 100
91 68.8 34.4 103.3
134 25.8 13.0 39.0

Manual Integrations
APPROVED

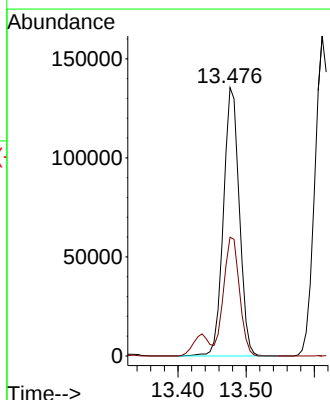
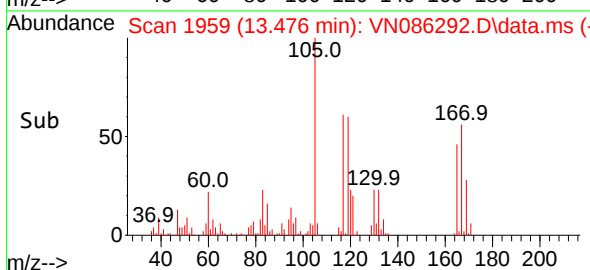
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

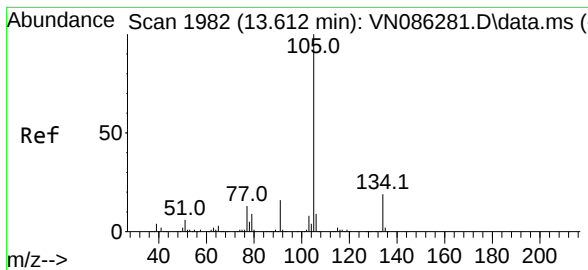


#84
1,2,4-Trimethylbenzene
Concen: 20.014 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14



Tgt Ion:105 Resp: 219543
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.3





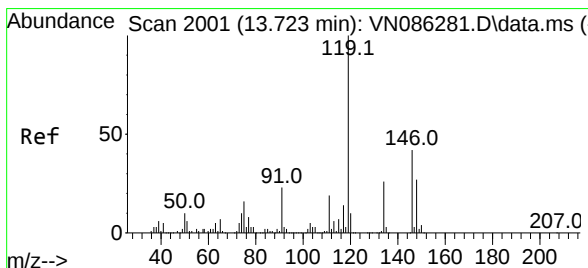
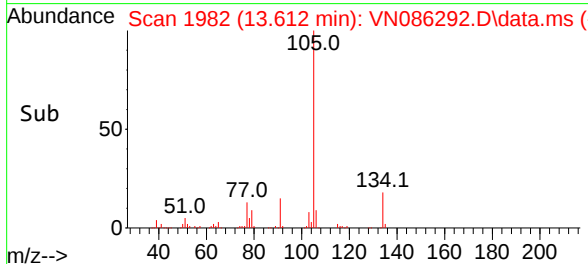
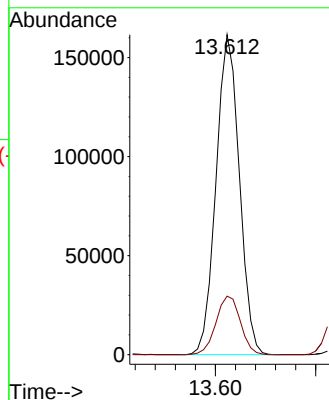
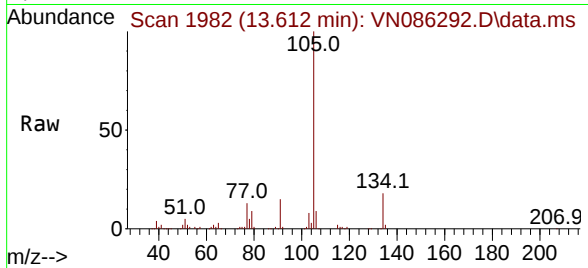
#85
 sec-Butylbenzene
 Concen: 20.062 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086292.D
 Acq: 16 Apr 2025 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBSD01

Tgt Ion:105 Resp: 259844
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1

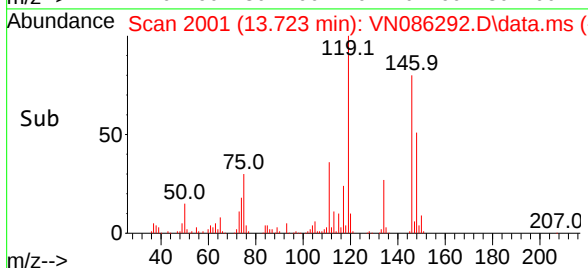
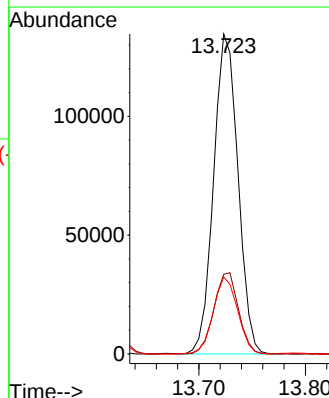
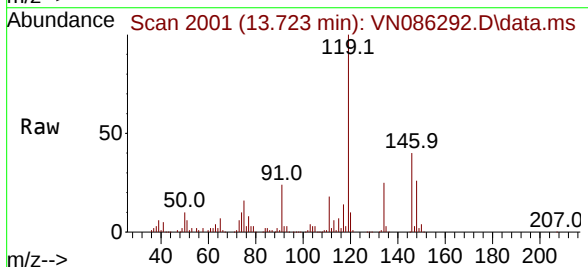
Manual Integrations
 APPROVED

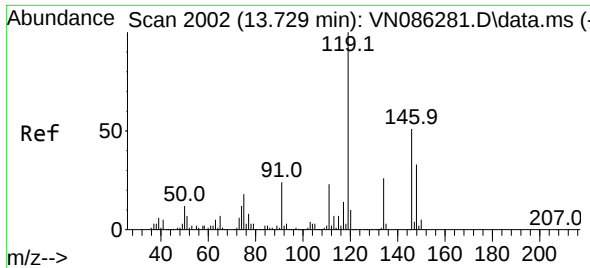
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#86
 p-Isopropyltoluene
 Concen: 20.041 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086292.D
 Acq: 16 Apr 2025 13:14

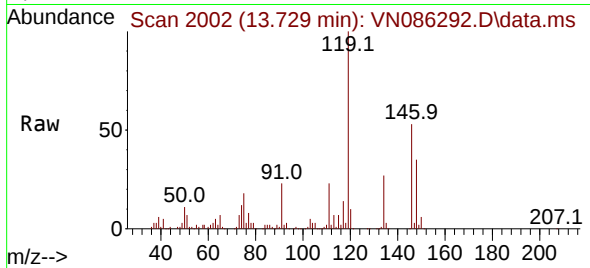
Tgt Ion:119 Resp: 213950
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.1
 91 24.0 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 20.108 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

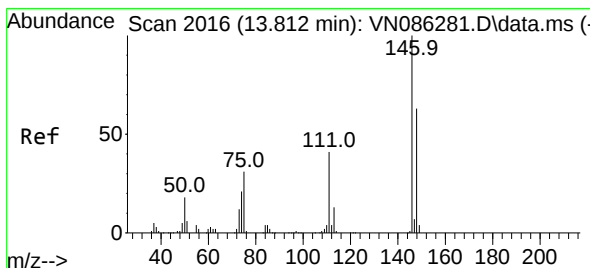
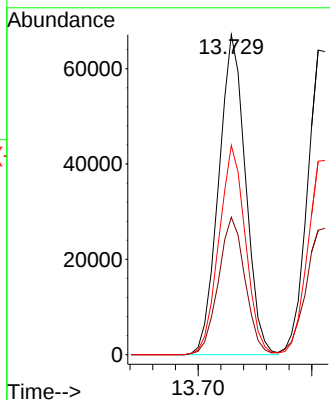
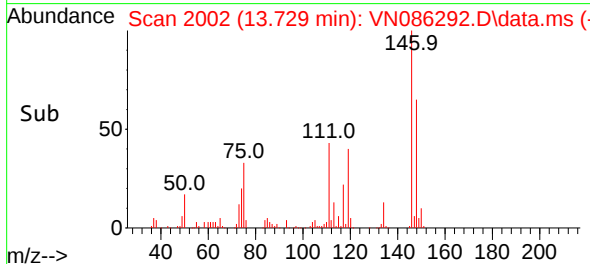
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion:146 Resp: 110278
Ion Ratio Lower Upper
146 100
111 42.6 21.9 65.7
148 64.6 31.9 95.5

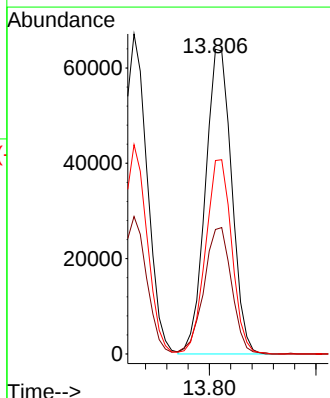
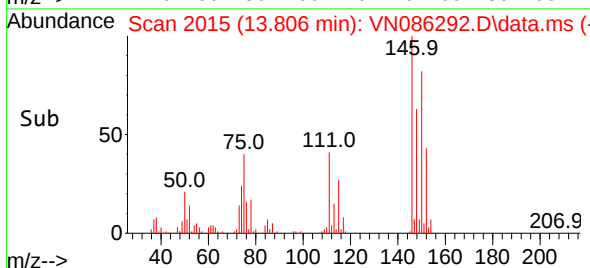
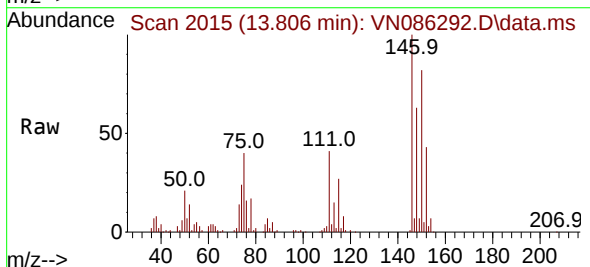
Manual Integrations
APPROVED

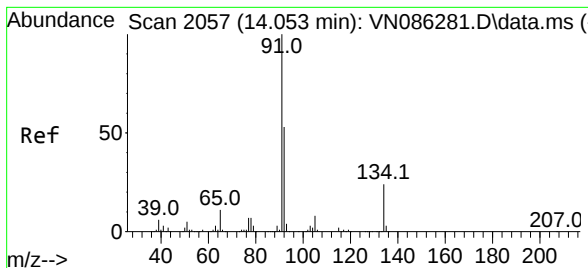
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#88
1,4-Dichlorobenzene
Concen: 19.865 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Tgt Ion:146 Resp: 109730
Ion Ratio Lower Upper
146 100
111 43.5 21.3 63.9
148 63.5 31.9 95.9





#89

n-Butylbenzene

Concen: 19.664 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN086292.D

Acq: 16 Apr 2025 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBSD01

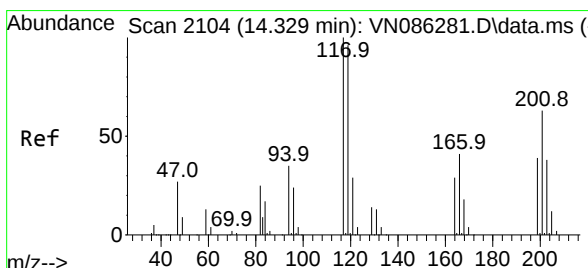
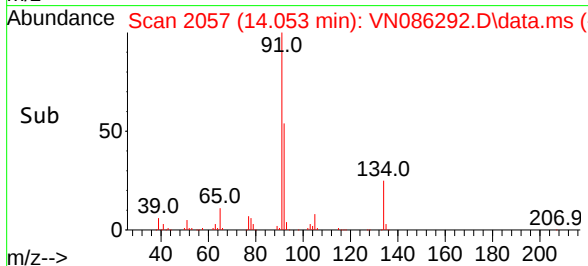
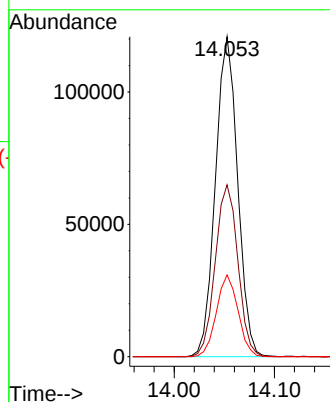
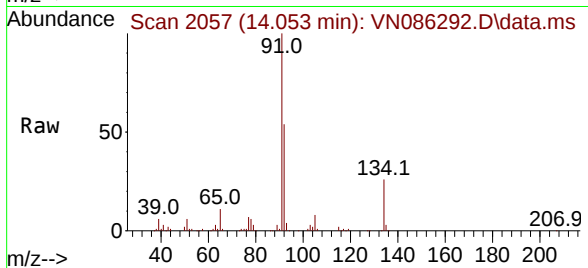
Tgt Ion:	91	Resp:	18607
Ion Ratio	Lower	Upper	
91	100		
92	54.6	26.8	80.4
134	24.9	12.2	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#90

Hexachloroethane

Concen: 19.480 ug/l

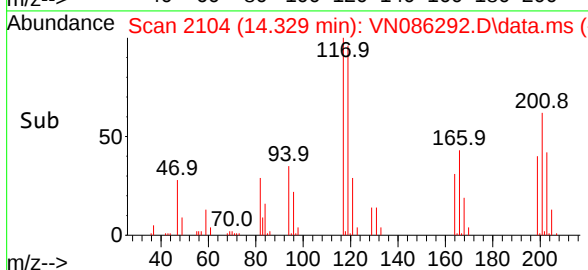
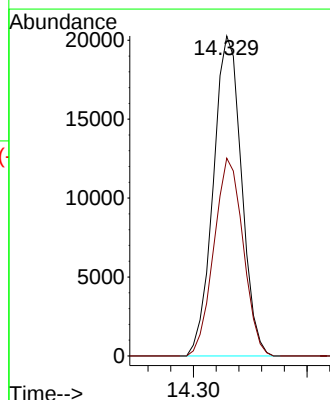
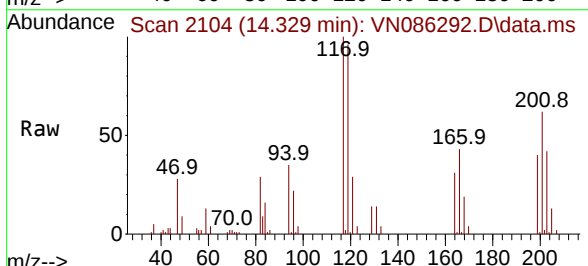
RT: 14.329 min Scan# 2104

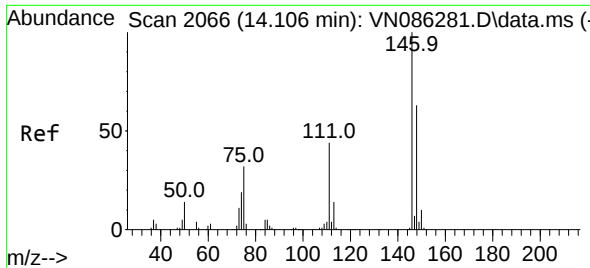
Delta R.T. -0.000 min

Lab File: VN086292.D

Acq: 16 Apr 2025 13:14

Tgt Ion:	117	Resp:	34980
Ion Ratio	Lower	Upper	
117	100		
201	64.0	31.4	94.2





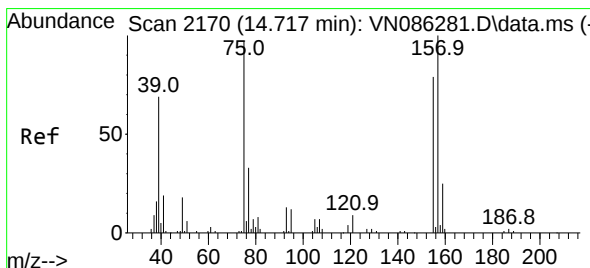
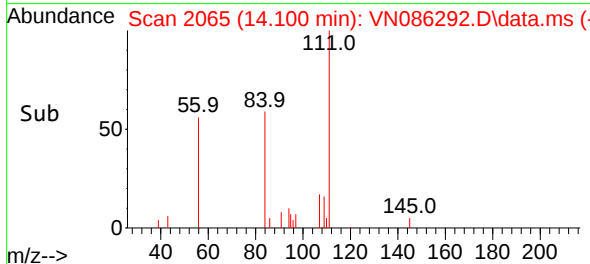
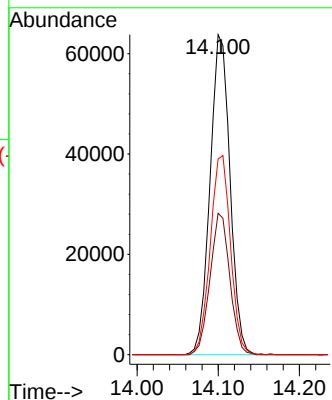
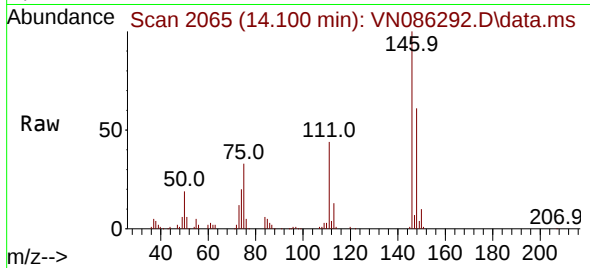
#91
1,2-Dichlorobenzene
Concen: 20.491 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01

Tgt Ion:146 Resp: 10895
Ion Ratio Lower Upper
146 100
111 43.7 22.4 67.0
148 63.2 31.8 95.4

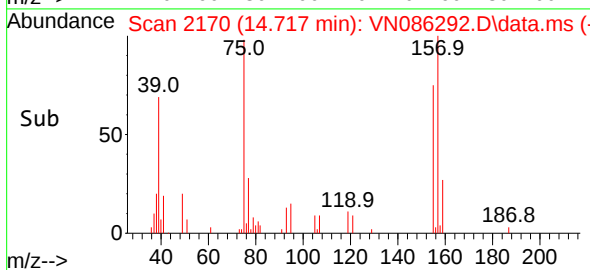
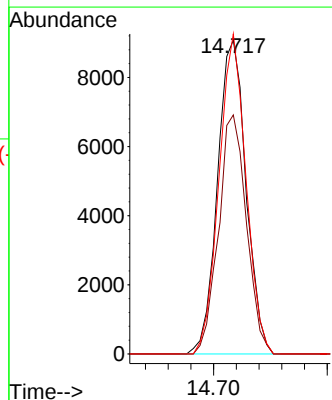
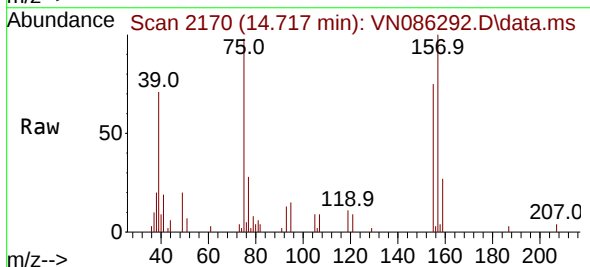
Manual Integrations
APPROVED

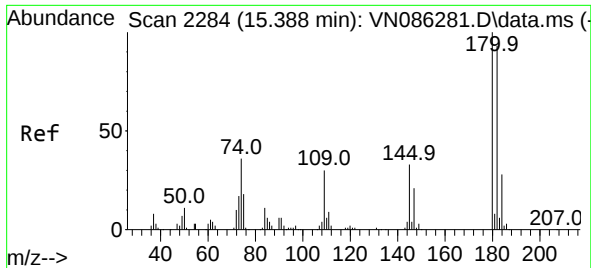
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.666 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

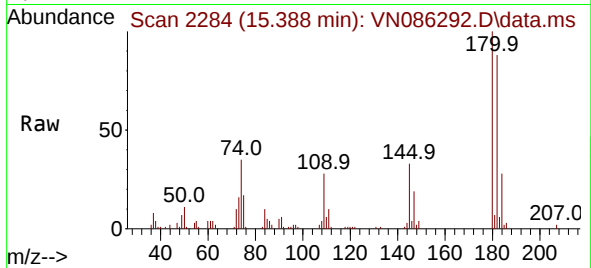
Tgt Ion: 75 Resp: 15775
Ion Ratio Lower Upper
75 100
155 74.7 40.3 120.9
157 96.4 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 20.142 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

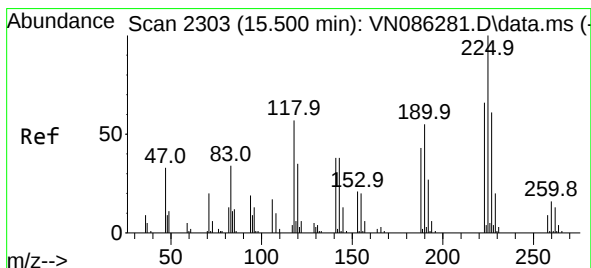
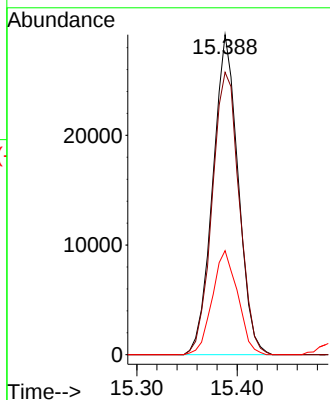
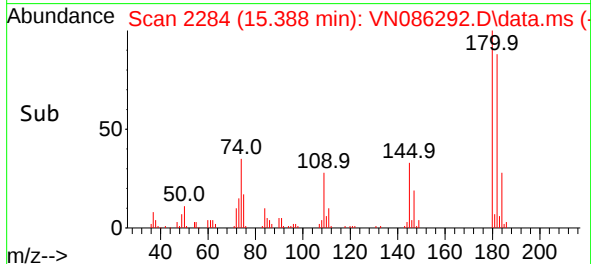
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



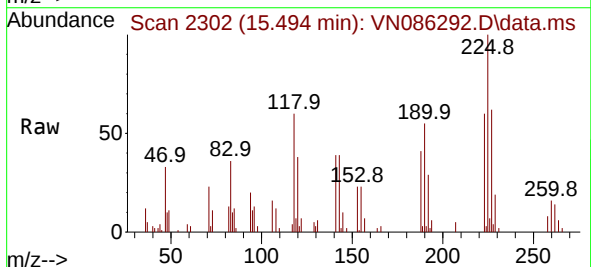
Tgt Ion:180 Resp: 5128
Ion Ratio Lower Upper
180 100
182 93.9 47.0 141.0
145 32.6 16.4 49.1

Manual Integrations
APPROVED

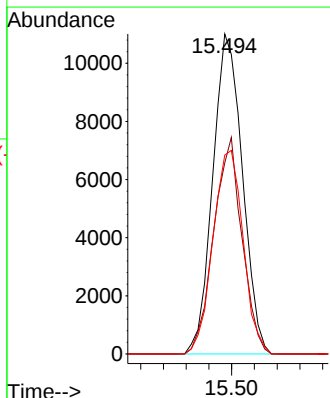
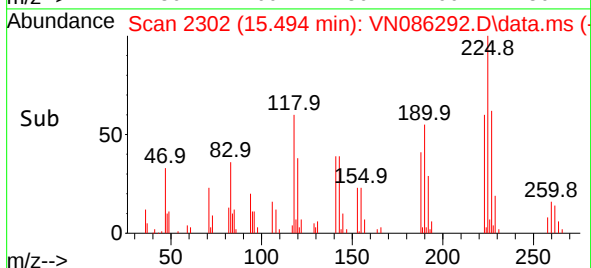
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

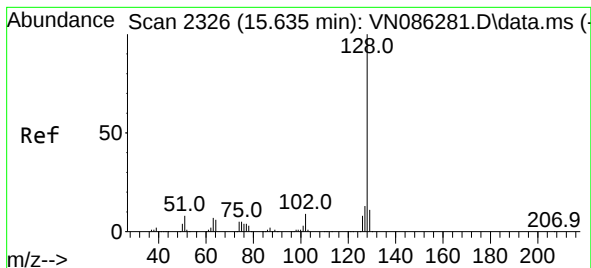


#94
Hexachlorobutadiene
Concen: 20.743 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14



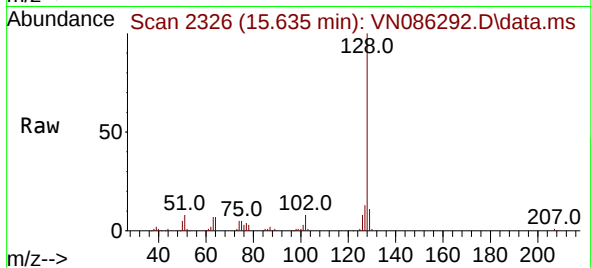
Tgt Ion:225 Resp: 19936
Ion Ratio Lower Upper
225 100
223 64.5 32.8 98.3
227 64.7 31.4 94.0





#95
Naphthalene
Concen: 19.890 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

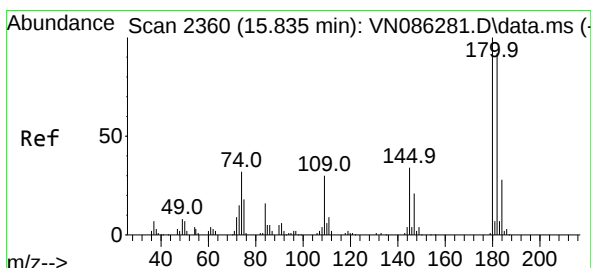
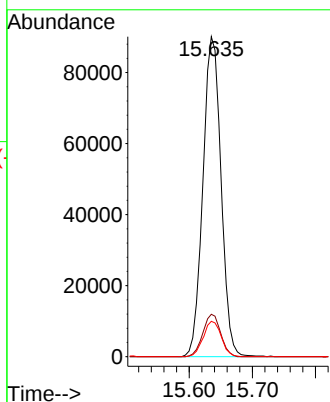
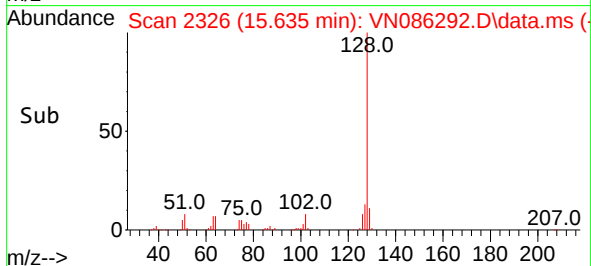
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBSD01



Tgt Ion:128 Resp: 179510
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.779 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086292.D
Acq: 16 Apr 2025 13:14

Tgt Ion:180 Resp: 47677
Ion Ratio Lower Upper
180 100
182 95.9 47.3 142.0
145 34.4 17.2 51.5

