

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086290.D
 Acq On : 16 Apr 2025 12:26
 Operator : JC\MD
 Sample : VN0416WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

Manual Integrations
 APPROVED

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

Quant Time: Apr 17 03:06:03 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	179652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	334552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156057	59.904	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.800%			
35) Dibromofluoromethane	8.159	113	91744	59.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.180%			
50) Toluene-d8	10.565	98	480933	57.955	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.920%#			
62) 4-Bromofluorobenzene	12.847	95	174143	57.534	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49183	23.094	ug/l	98
3) Chloromethane	2.359	50	68676	22.189	ug/l	96
4) Vinyl Chloride	2.518	62	65244	22.090	ug/l	97
5) Bromomethane	2.959	94	33016	24.851	ug/l	98
6) Chloroethane	3.124	64	42605	21.553	ug/l	96
7) Trichlorofluoromethane	3.501	101	72323	22.106	ug/l	94
8) Diethyl Ether	3.959	74	32444	22.716	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	44571	22.520	ug/l	99
10) Methyl Iodide	4.589	142	53272	24.483	ug/l	98
11) Tert butyl alcohol	5.518	59	58445	122.958	ug/l	98
12) 1,1-Dichloroethene	4.336	96	46051	21.779	ug/l	99
13) Acrolein	4.177	56	31165	133.582	ug/l	98
14) Allyl chloride	5.018	41	80333	21.371	ug/l	99
15) Acrylonitrile	5.718	53	139138	118.413	ug/l	100
16) Acetone	4.424	43	114556	124.317	ug/l	99
17) Carbon Disulfide	4.712	76	132483	20.925	ug/l	99
18) Methyl Acetate	5.024	43	71487	22.860	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	176978	22.769	ug/l	98
20) Methylene Chloride	5.271	84	53346	22.150	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	48971	22.152	ug/l	94
22) Diisopropyl ether	6.665	45	180120	22.028	ug/l	98
23) Vinyl Acetate	6.600	43	661231	115.678	ug/l	100
24) 1,1-Dichloroethane	6.565	63	96477	22.361	ug/l	99
25) 2-Butanone	7.477	43	191022	117.802	ug/l	99
26) 2,2-Dichloropropane	7.489	77	84960	21.993	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	60111	21.908	ug/l	100
28) Bromochloromethane	7.812	49	46777	25.570	ug/l	98
29) Tetrahydrofuran	7.836	42	126963	117.088	ug/l	99
30) Chloroform	7.959	83	95287	22.483	ug/l	95
31) Cyclohexane	8.253	56	91556	21.686	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	80586	22.227	ug/l	97
36) 1,1-Dichloropropene	8.365	75	68397	22.055	ug/l	99
37) Ethyl Acetate	7.559	43	74715	22.883	ug/l	99
38) Carbon Tetrachloride	8.365	117	65971	22.337	ug/l	97
39) Methylcyclohexane	9.594	83	80704	21.894	ug/l	97
40) Benzene	8.600	78	221436	22.286	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	43137	22.796	ug/l	99
42) 1,2-Dichloroethane	8.665	62	73045	23.052	ug/l	100
43) Isopropyl Acetate	8.683	43	147450	23.923	ug/l	97
44) Trichloroethene	9.347	130	53525	22.727	ug/l	95
45) 1,2-Dichloropropane	9.618	63	54408	22.369	ug/l	98
46) Dibromomethane	9.706	93	36503	23.555	ug/l	98
47) Bromodichloromethane	9.882	83	77786	23.240	ug/l	94
48) Methyl methacrylate	9.677	41	63751	22.234	ug/l	98
49) 1,4-Dioxane	9.688	88	23863	489.287	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	397353	118.848	ug/l	100
52) Toluene	10.629	92	137888	22.240	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	86868	23.250	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	92685	22.586	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	51547	23.108	ug/l	98
56) Ethyl methacrylate	10.871	69	93423	22.784	ug/l	100
57) 1,3-Dichloropropane	11.159	76	92550	23.384	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	212788	109.337	ug/l	100
59) 2-Hexanone	11.194	43	292942	118.127	ug/l	99
60) Dibromochloromethane	11.353	129	56900	23.229	ug/l	100
61) 1,2-Dibromoethane	11.465	107	52311	23.241	ug/l	100
64) Tetrachloroethene	11.100	164	53392	23.432	ug/l	97
65) Chlorobenzene	11.888	112	147024	22.240	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	49913	22.886	ug/l	99
67) Ethyl Benzene	11.959	91	264047	22.134	ug/l	100
68) m/p-Xylenes	12.071	106	198914	44.501	ug/l	99
69) o-Xylene	12.394	106	98848	22.361	ug/l	97
70) Styrene	12.406	104	165710	22.498	ug/l	99
71) Bromoform	12.576	173	37877	23.068	ug/l #	98
73) Isopropylbenzene	12.694	105	238782	21.537	ug/l	100
74) N-amyl acetate	12.488	43	116513	21.110	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	70755	22.196	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	60504m	18.917	ug/l	
77) Bromobenzene	12.976	156	55067	22.416	ug/l	98
78) n-propylbenzene	13.035	91	285874	21.882	ug/l	99
79) 2-Chlorotoluene	13.123	91	179760	21.989	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	200246	22.068	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	33319	25.019	ug/l	95
82) 4-Chlorotoluene	13.218	91	178126	21.935	ug/l	99
83) tert-Butylbenzene	13.435	119	167678	21.326	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	201398	21.804	ug/l	100
85) sec-Butylbenzene	13.612	105	236786	21.712	ug/l	100
86) p-Isopropyltoluene	13.723	119	193304	21.504	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	103032	22.311	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	103998	22.359	ug/l	99
89) n-Butylbenzene	14.053	91	173518	21.777	ug/l	100
90) Hexachloroethane	14.329	117	32118	21.241	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	99847	22.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15080	23.461	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	50093	23.366	ug/l	99
94) Hexachlorobutadiene	15.494	225	19555	24.163	ug/l	96
95) Naphthalene	15.635	128	177875	23.405	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	46850	23.082	ug/l	100

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MSVOA_N
ClientSampleId :
VN0416WBS02

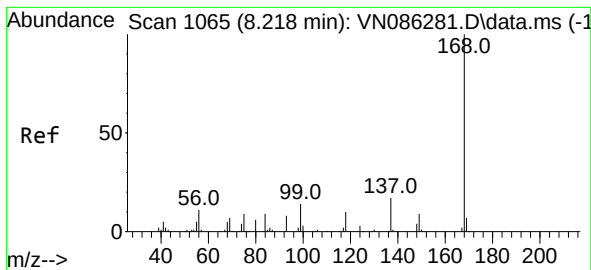
Manual Integrations
APPROVED

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

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

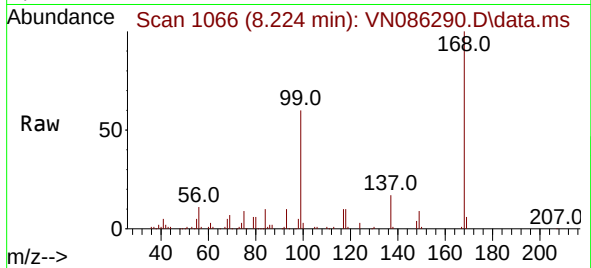
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086290.D
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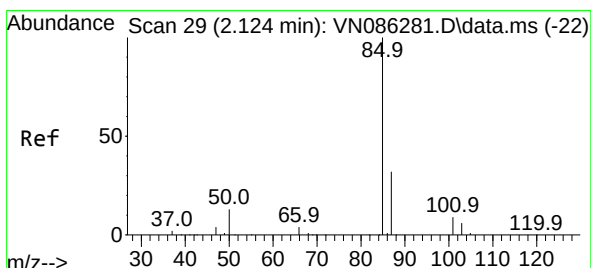
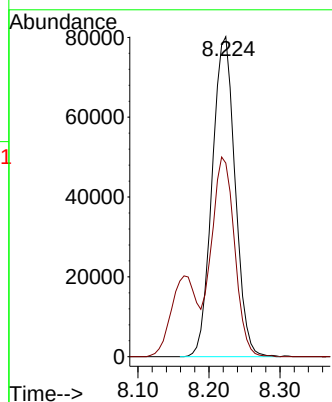
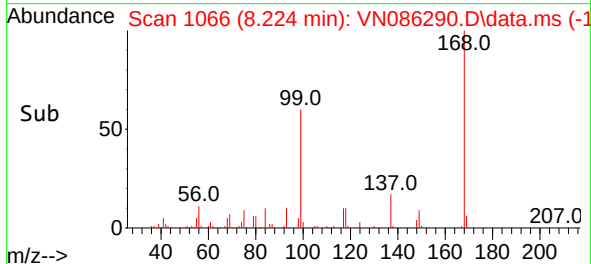
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion:168 Resp: 179652
Ion Ratio Lower Upper
168 100
99 60.5 52.5 78.7

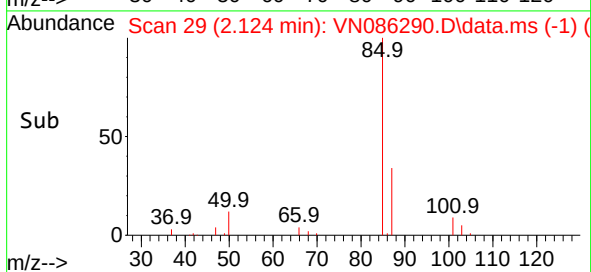
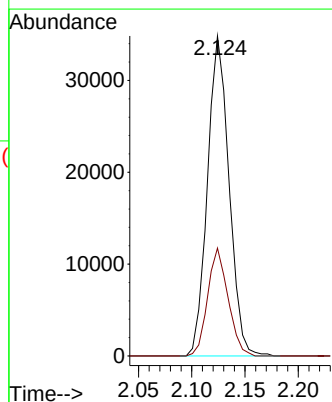
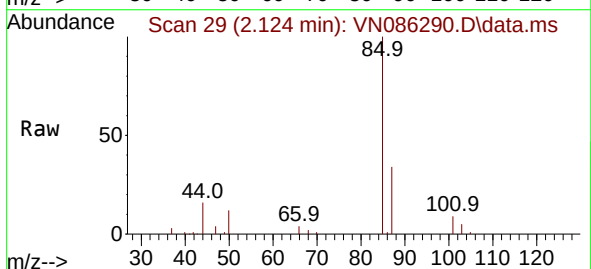
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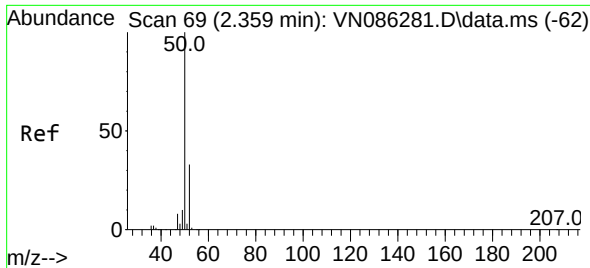
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#2
Dichlorodifluoromethane
Concen: 23.094 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

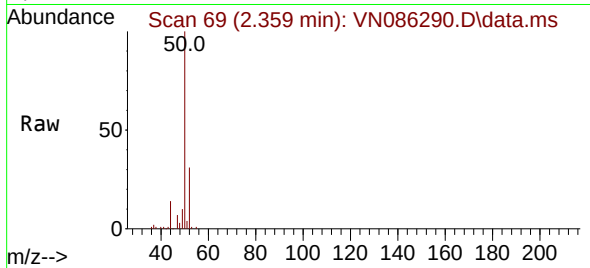
Tgt Ion: 85 Resp: 49183
Ion Ratio Lower Upper
85 100
87 33.7 16.3 48.8





#3
Chloromethane
Concen: 22.189 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

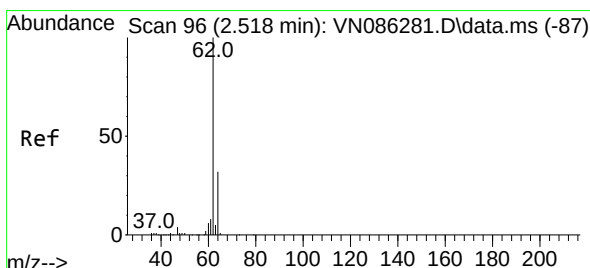
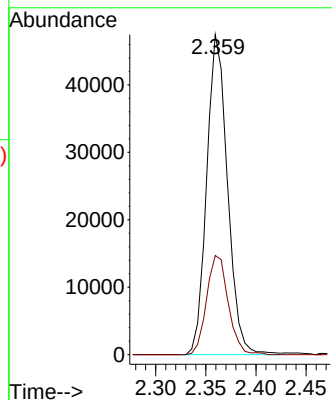
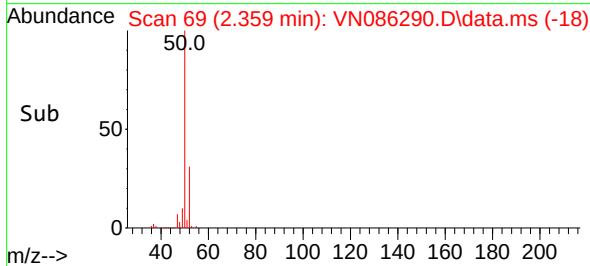
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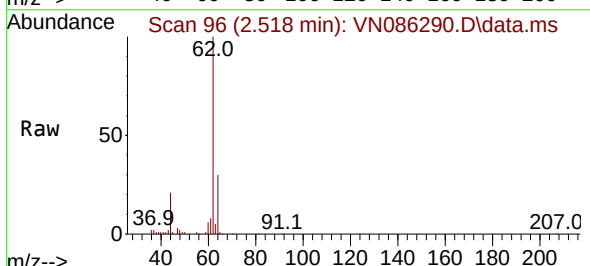
Tgt Ion: 50 Resp: 68670
Ion Ratio Lower Upper
50 100
52 31.0 26.5 39.7

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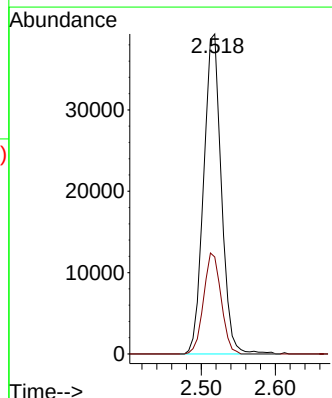
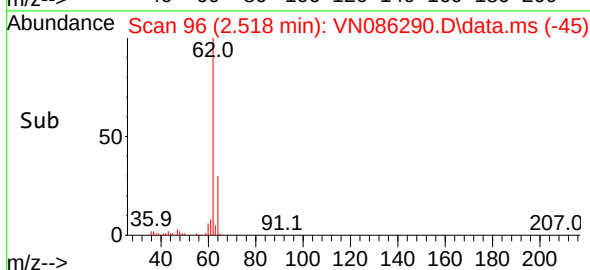
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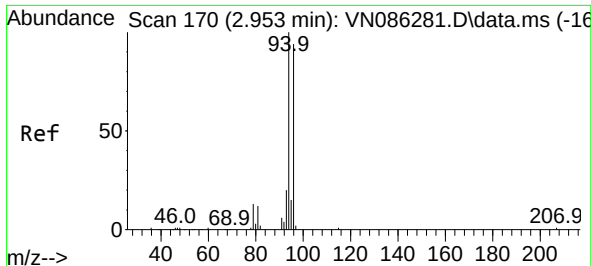


#4
Vinyl Chloride
Concen: 22.090 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26



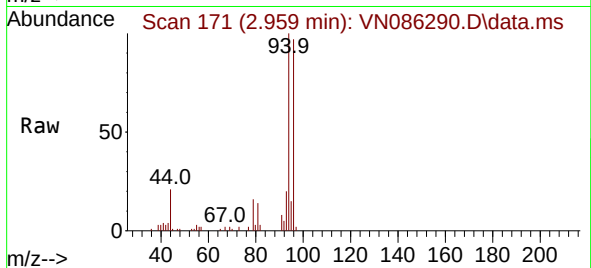
Tgt Ion: 62 Resp: 65244
Ion Ratio Lower Upper
62 100
64 30.3 25.6 38.4





#5
Bromomethane
Concen: 24.851 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

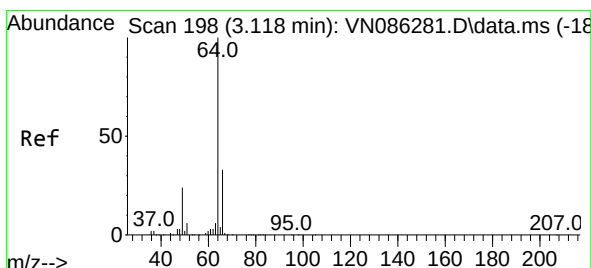
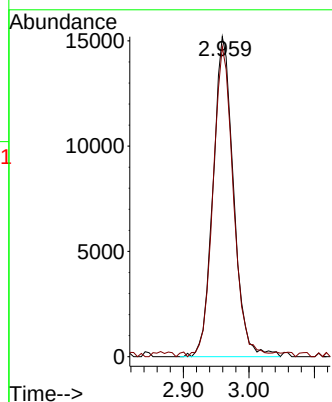
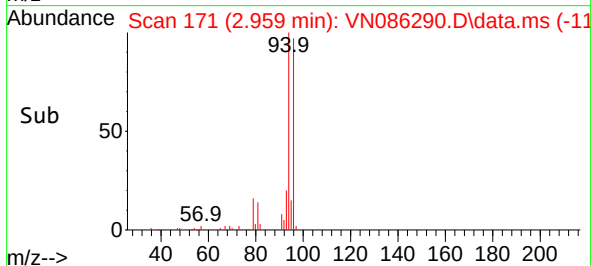
Instrument :
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Tgt Ion: 94 Resp: 33010
Ion Ratio Lower Upper
94 100
96 95.8 75.2 112.8

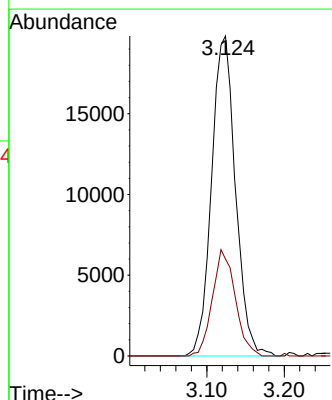
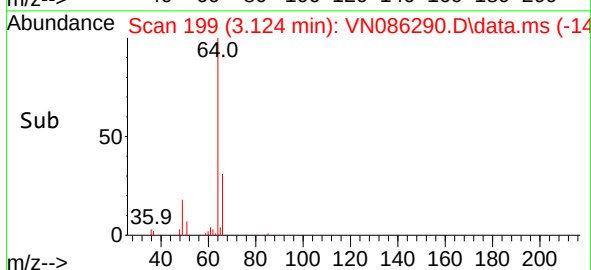
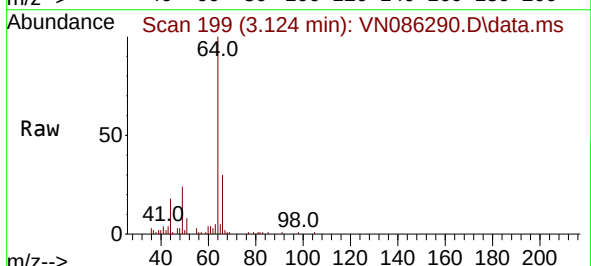
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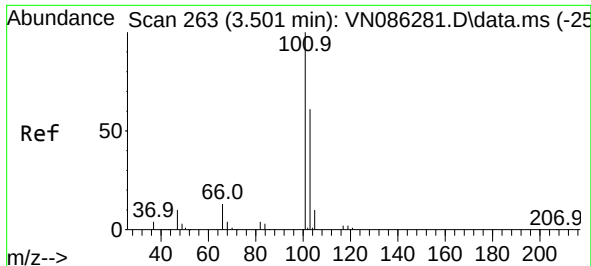
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#6
Chloroethane
Concen: 21.553 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

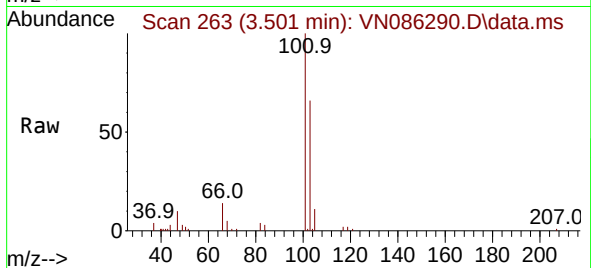
Tgt Ion: 64 Resp: 42605
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 22.106 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN086290.D
 Acq: 16 Apr 2025 12:26

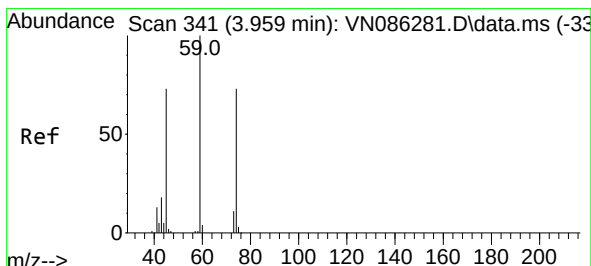
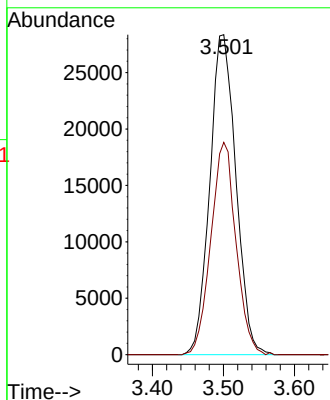
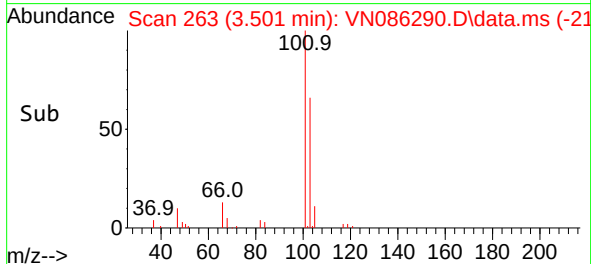
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02



Tgt Ion: 101 Resp: 7232
 Ion Ratio Lower Upper
 101 100
 103 66.3 49.2 73.8

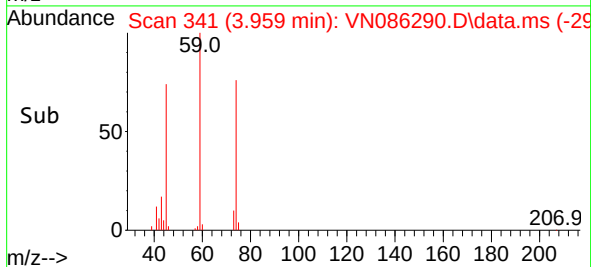
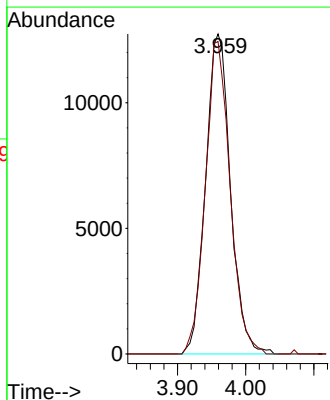
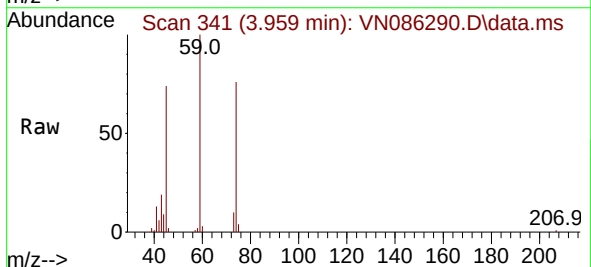
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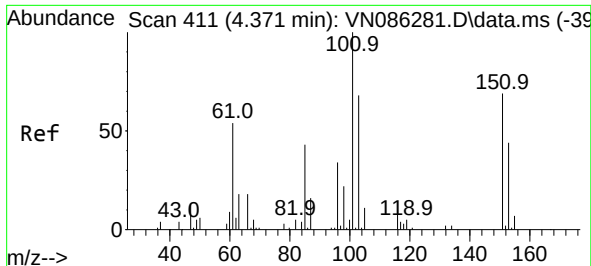
Reviewed By : John Carlone 04/17/2025
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#8
 Diethyl Ether
 Concen: 22.716 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN086290.D
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Tgt Ion: 74 Resp: 32444
 Ion Ratio Lower Upper
 74 100
 45 97.0 48.0 144.2





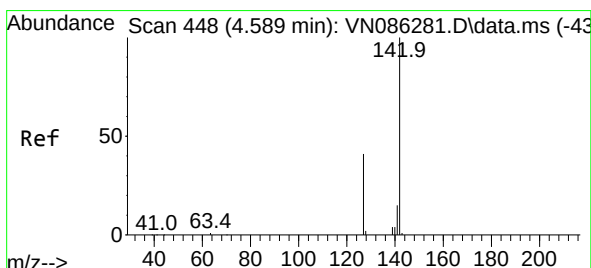
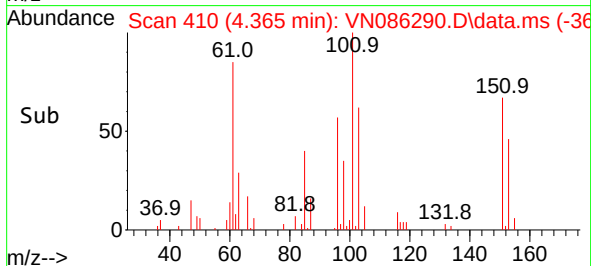
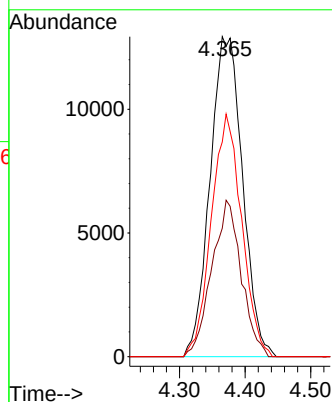
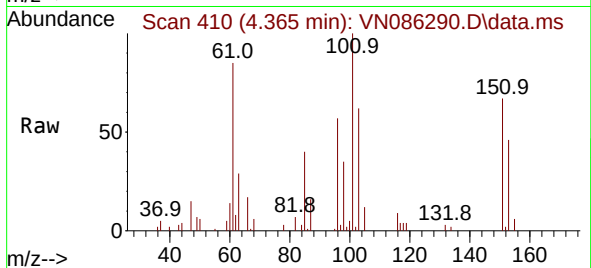
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.520 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tgt Ion:101 Resp: 4457
Ion Ratio Lower Upper
101 100
85 44.4 34.7 52.1
151 70.7 56.1 84.1

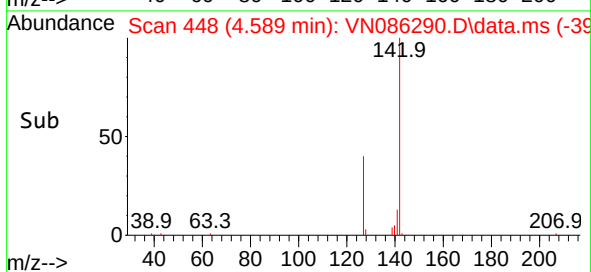
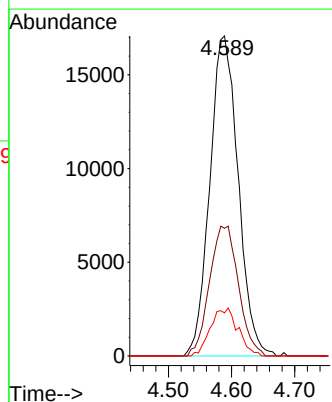
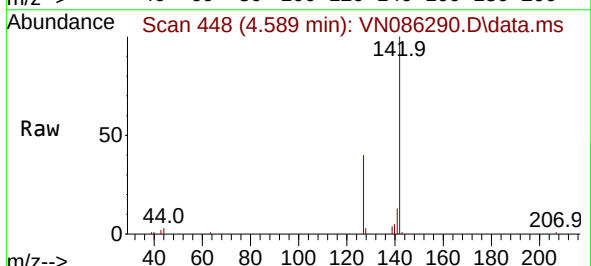
Manual Integrations
APPROVED

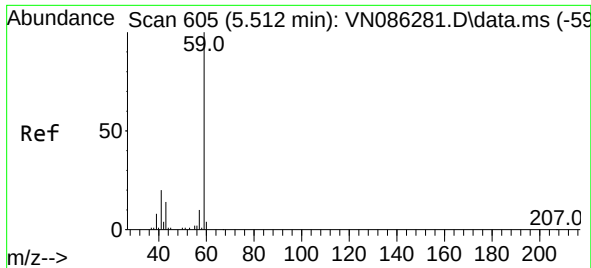
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#10
Methyl Iodide
Concen: 24.483 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Tgt Ion:142 Resp: 53272
Ion Ratio Lower Upper
142 100
127 39.9 32.7 49.1
141 13.5 11.7 17.5





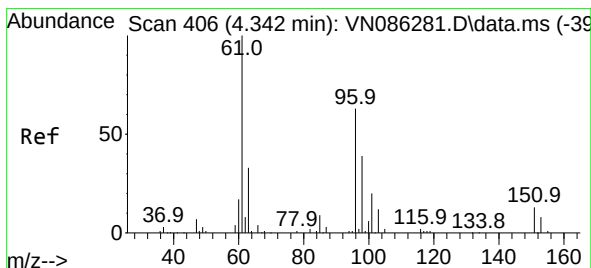
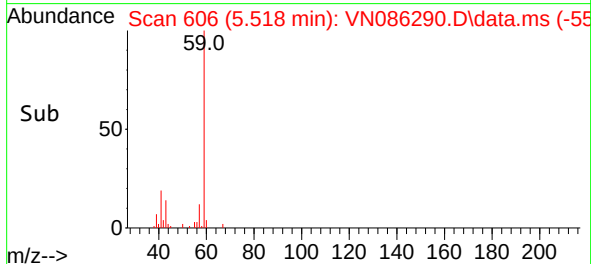
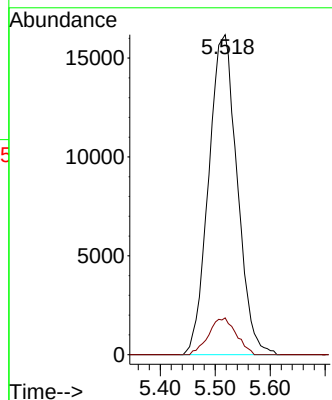
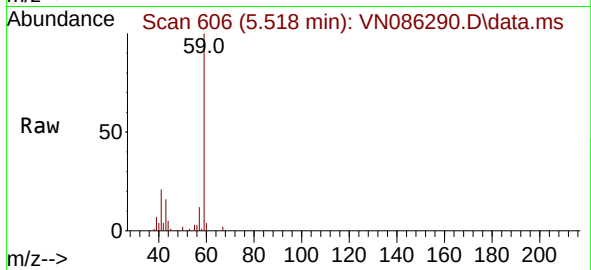
#11
Tert butyl alcohol
Concen: 122.958 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tgt Ion: 59 Resp: 5844
Ion Ratio Lower Upper
59 100
57 11.1 8.3 12.5

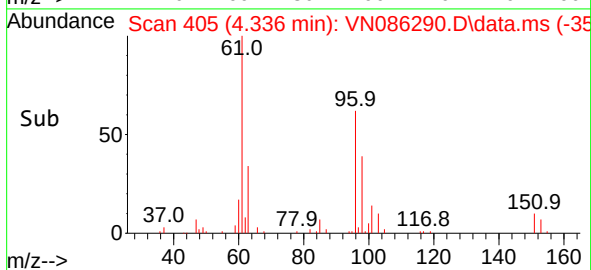
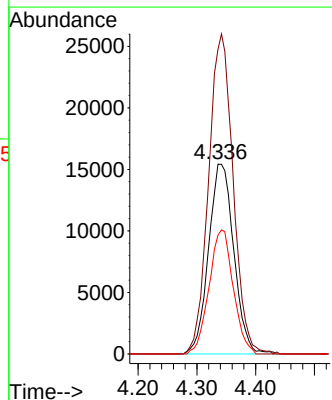
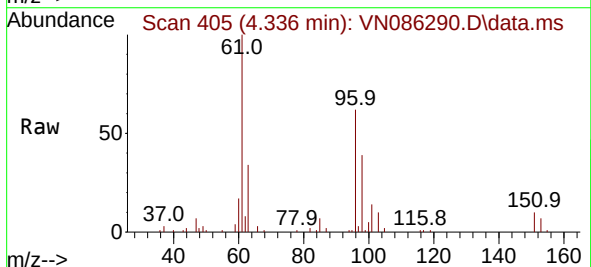
Manual Integrations
APPROVED

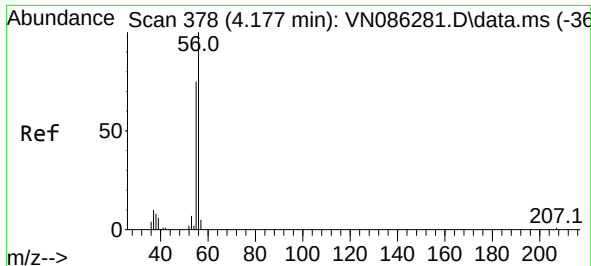
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#12
1,1-Dichloroethene
Concen: 21.779 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

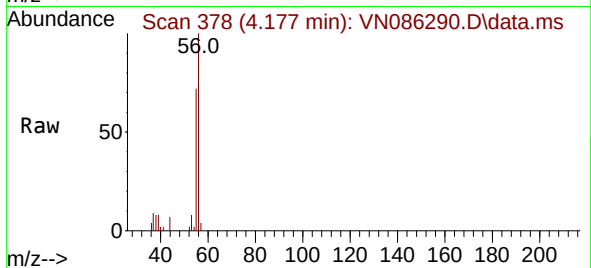
Tgt Ion: 96 Resp: 46051
Ion Ratio Lower Upper
96 100
61 160.5 126.6 189.8
98 62.6 49.6 74.4





#13
Acrolein
Concen: 133.582 ug/l
RT: 4.177 min Scan# 3116
Delta R.T. -0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

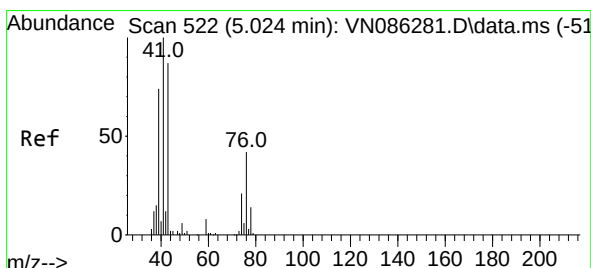
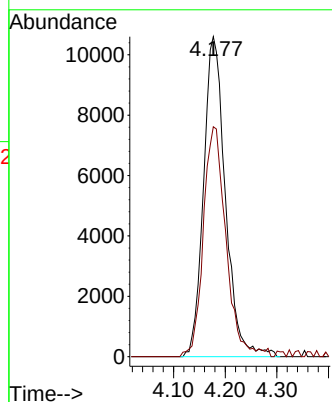
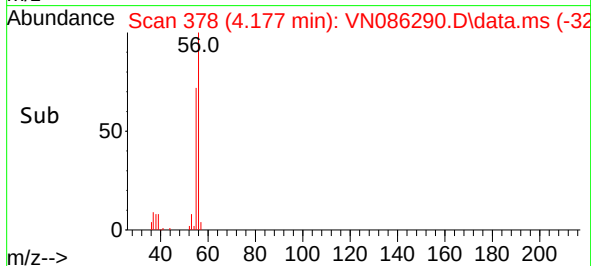
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



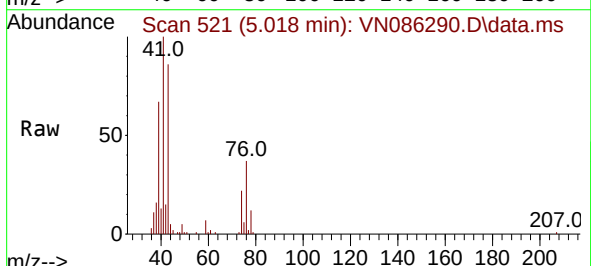
Tgt Ion: 56 Resp: 3116
Ion Ratio Lower Upper
56 100
55 74.4 58.5 87.7

Manual Integrations
APPROVED

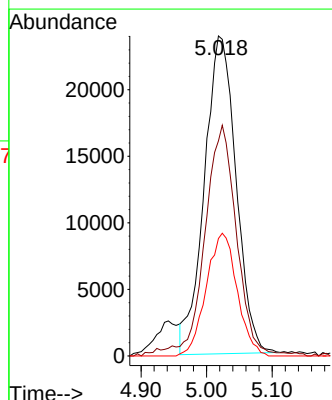
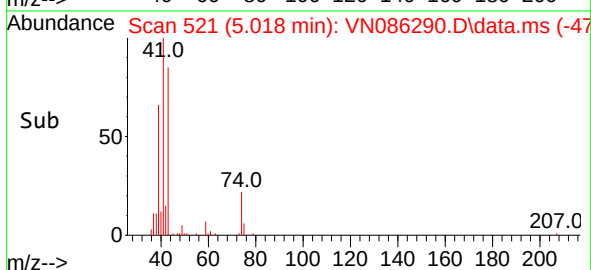
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

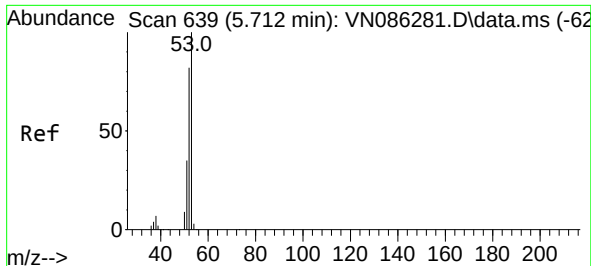


#14
Allyl chloride
Concen: 21.371 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26



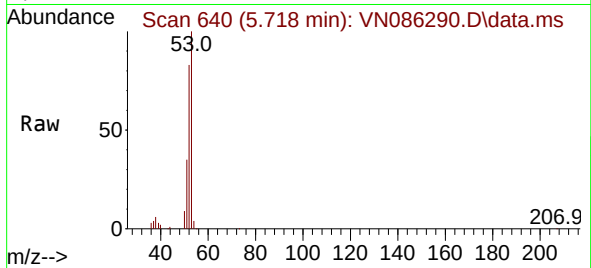
Tgt Ion: 41 Resp: 80333
Ion Ratio Lower Upper
41 100
39 73.3 59.2 88.8
76 37.5 31.2 46.8





#15
Acrylonitrile
Concen: 118.413 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

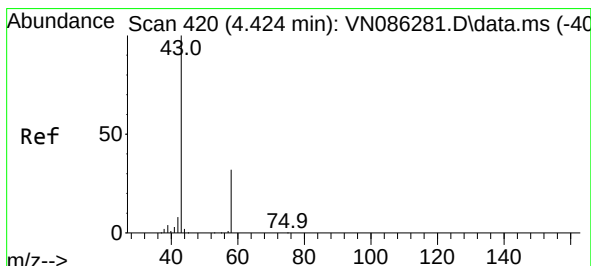
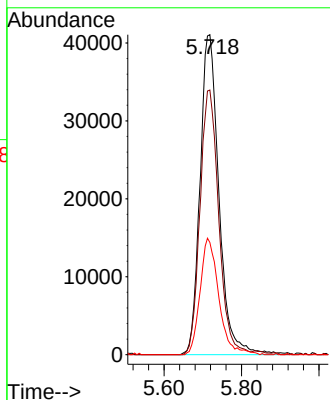
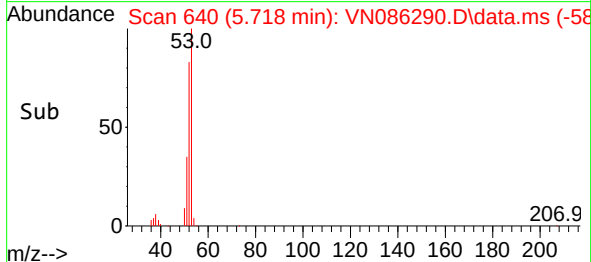
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion: 53 Resp: 139138
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 36.1 28.6 42.8

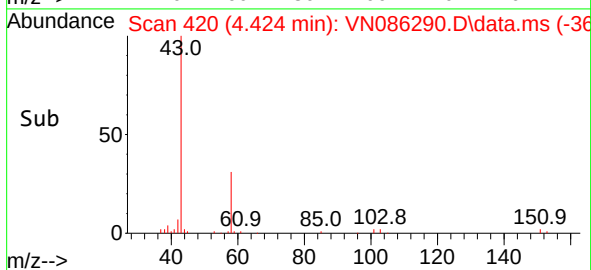
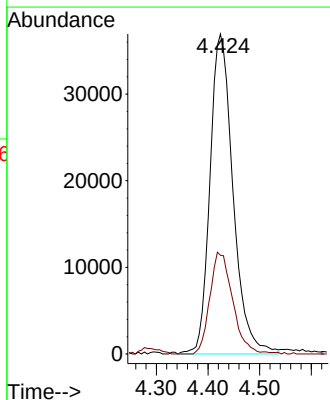
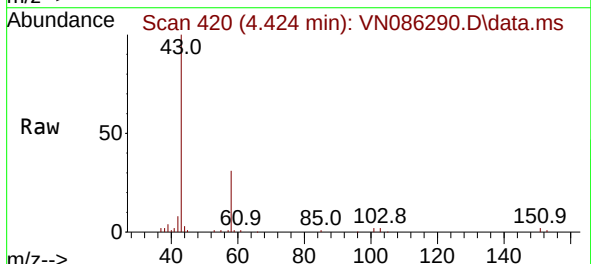
Manual Integrations
APPROVED

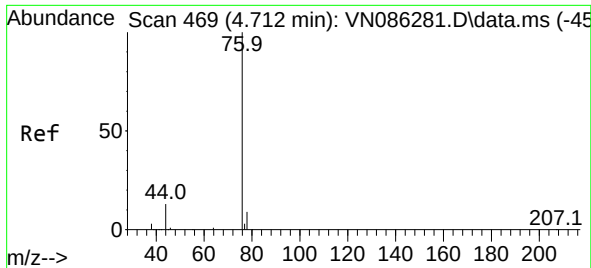
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#16
Acetone
Concen: 124.317 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

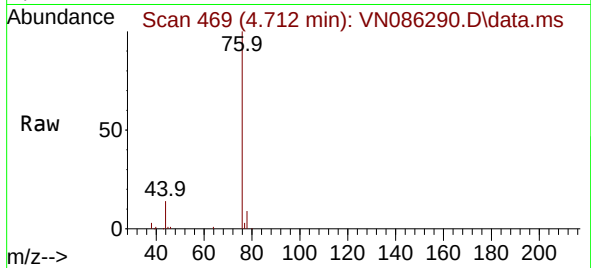
Tgt Ion: 43 Resp: 114556
Ion Ratio Lower Upper
43 100
58 30.8 25.3 37.9





#17
Carbon Disulfide
Concen: 20.925 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

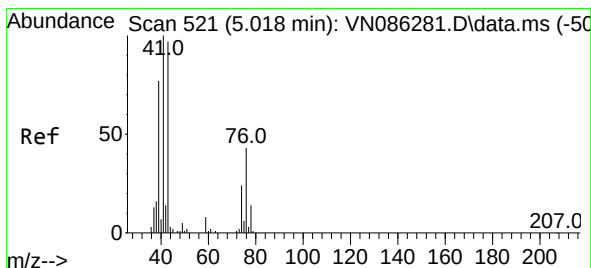
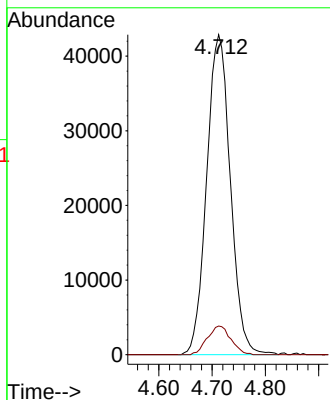
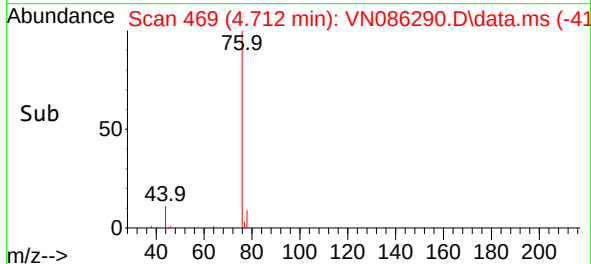
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



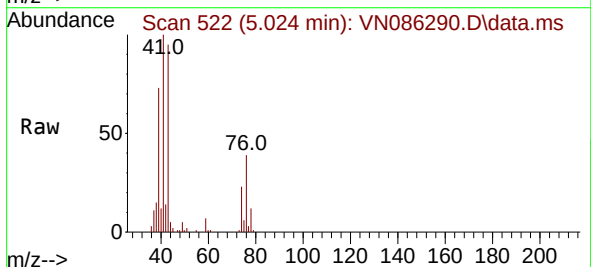
Tgt Ion: 76 Resp: 13248
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

Manual Integrations
APPROVED

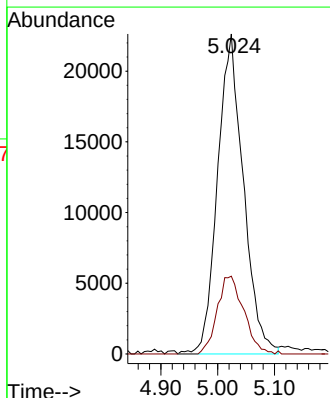
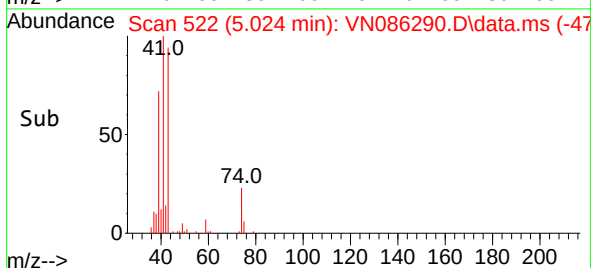
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

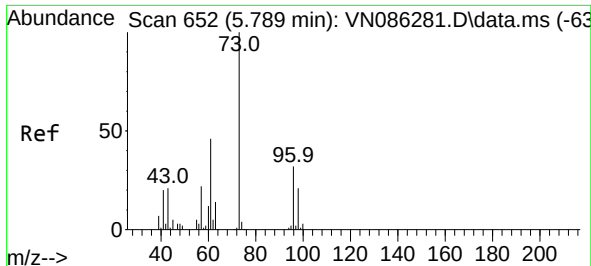


#18
Methyl Acetate
Concen: 22.860 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26



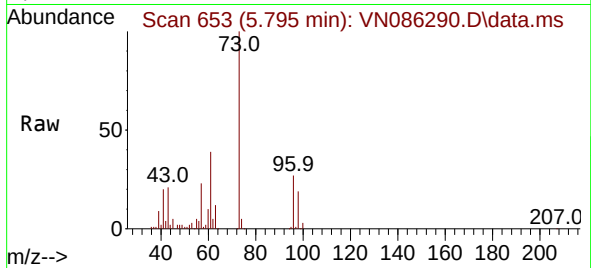
Tgt Ion: 43 Resp: 71487
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.6





#19
Methyl tert-butyl Ether
Concen: 22.769 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

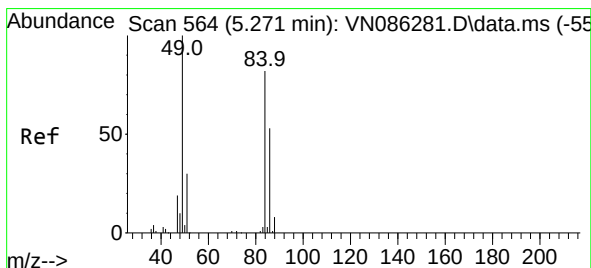
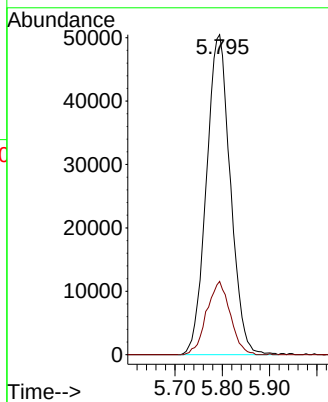
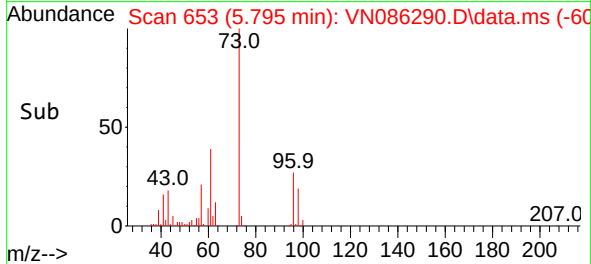
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion: 73 Resp: 176978
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

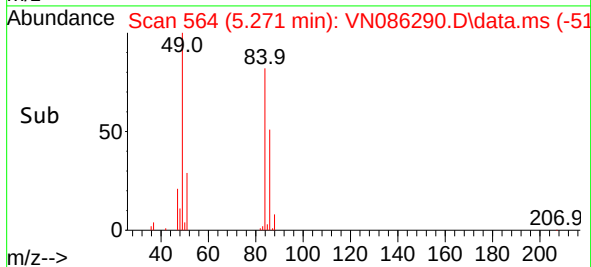
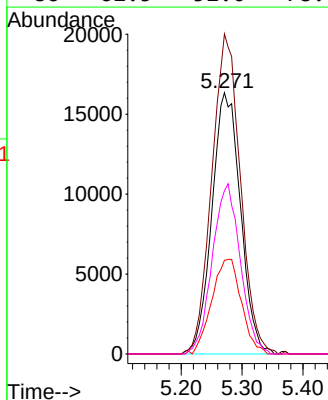
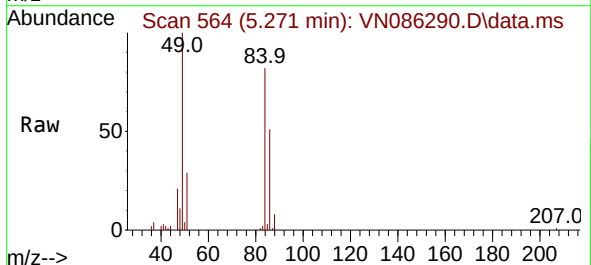
Manual Integrations
APPROVED

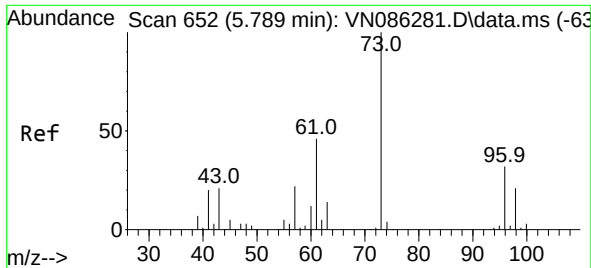
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#20
Methylene Chloride
Concen: 22.150 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

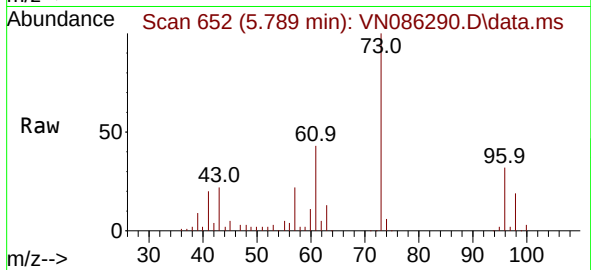
Tgt Ion: 84 Resp: 53346
Ion Ratio Lower Upper
84 100
49 122.5 98.2 147.2
51 35.8 29.8 44.6
86 62.5 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 22.152 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

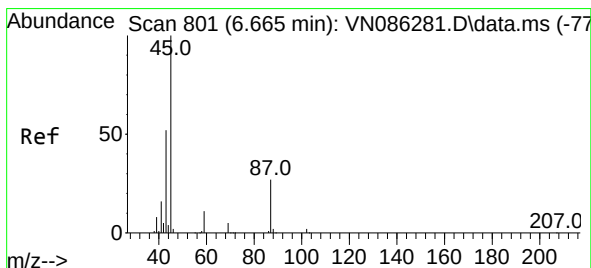
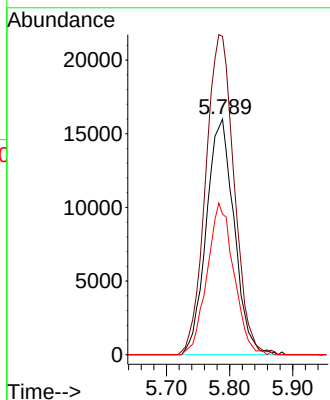
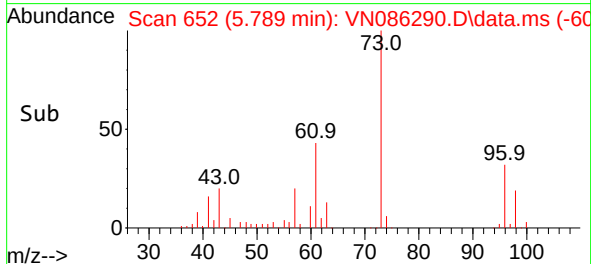
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion: 96 Resp: 4897
Ion Ratio Lower Upper
96 100
61 135.1 114.6 171.8
98 59.6 51.2 76.8

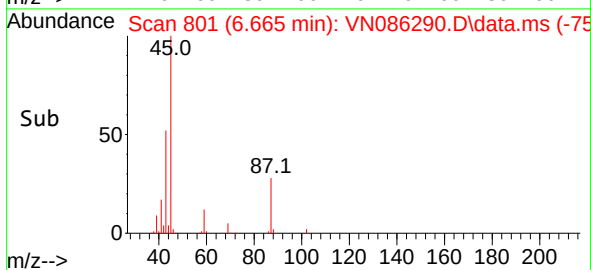
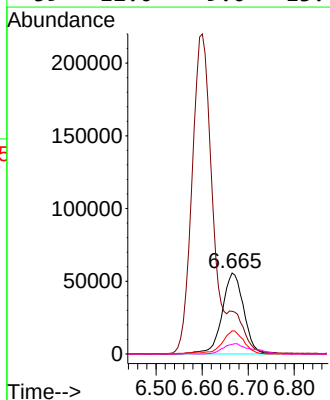
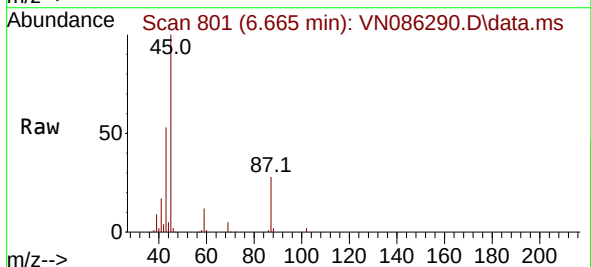
Manual Integrations
APPROVED

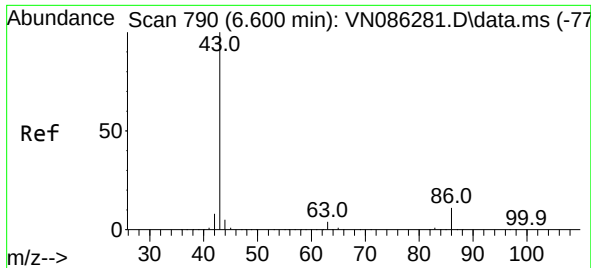
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#22
Diisopropyl ether
Concen: 22.028 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Tgt Ion: 45 Resp: 180120
Ion Ratio Lower Upper
45 100
43 51.5 41.8 62.8
87 28.4 21.6 32.4
59 12.0 9.0 13.4





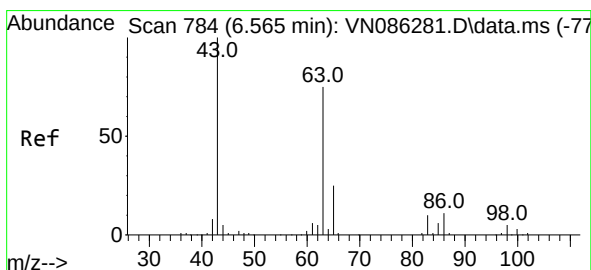
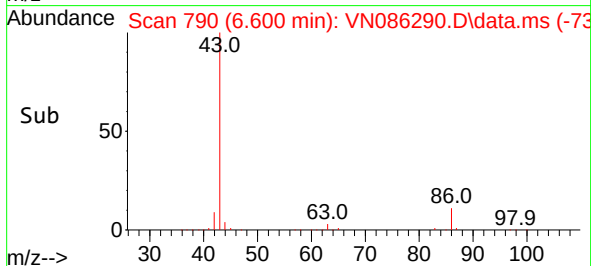
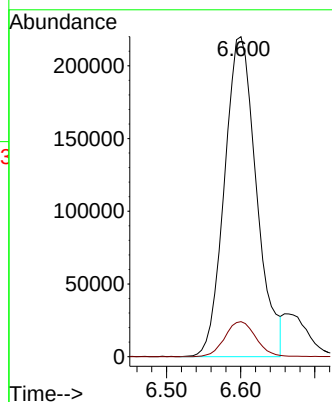
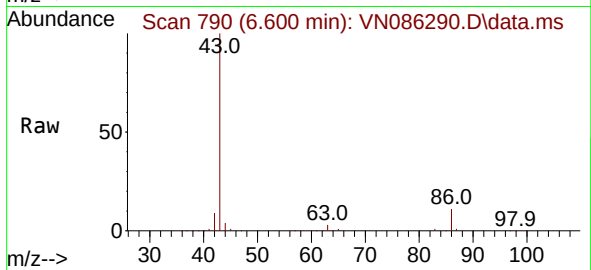
#23
 Vinyl Acetate
 Concen: 115.678 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN086290.D
 Acq: 16 Apr 2025 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

Tgt Ion: 43 Resp: 66123
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0

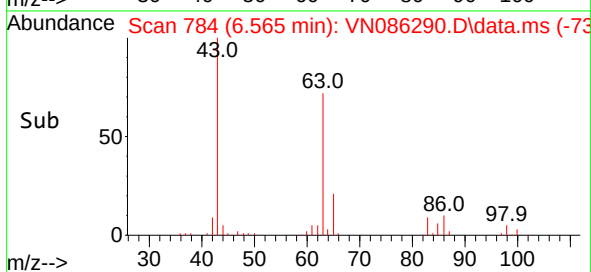
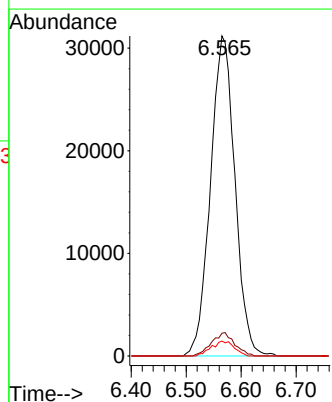
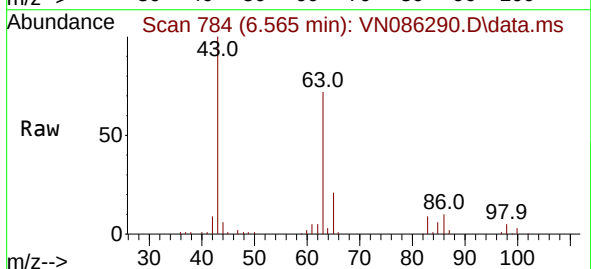
Manual Integrations
 APPROVED

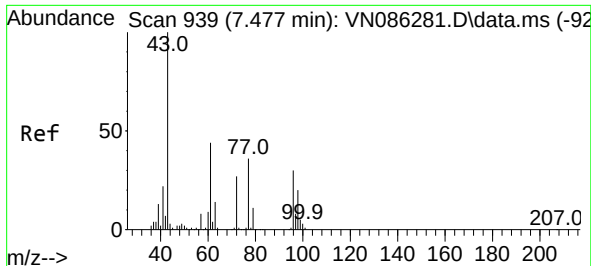
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#24
 1,1-Dichloroethane
 Concen: 22.361 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN086290.D
 Acq: 16 Apr 2025 12:26

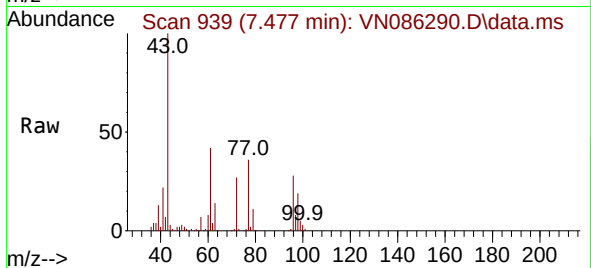
Tgt Ion: 63 Resp: 96477
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.6 2.1 6.5





#25
2-Butanone
Concen: 117.802 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

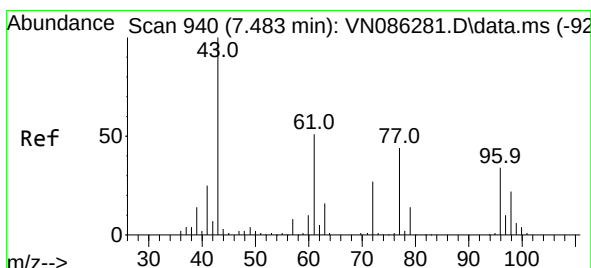
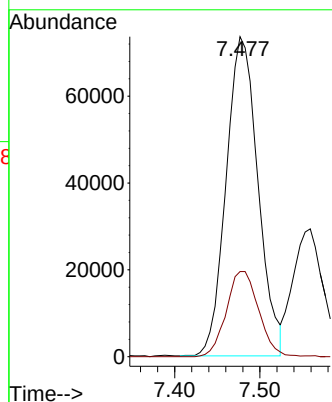
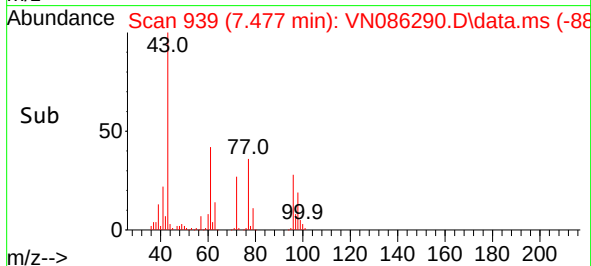
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



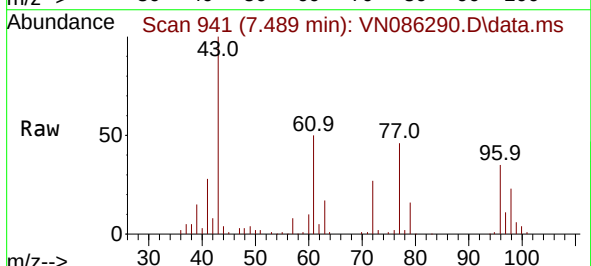
Tgt Ion: 43 Resp: 19102
Ion Ratio Lower Upper
43 100
72 26.7 21.7 32.5

Manual Integrations
APPROVED

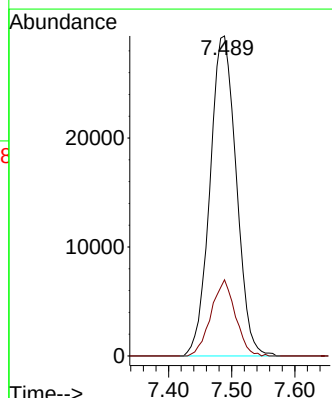
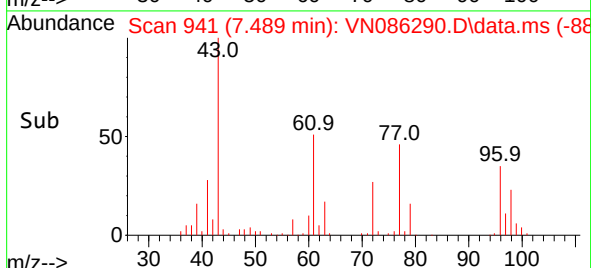
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

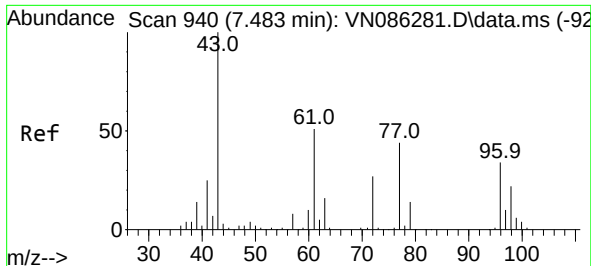


#26
2,2-Dichloropropane
Concen: 21.993 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26



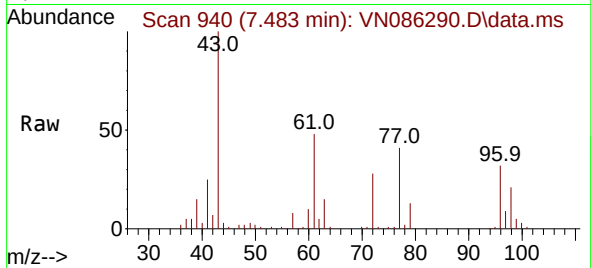
Tgt Ion: 77 Resp: 84960
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.5





#27
 cis-1,2-Dichloroethene
 Concen: 21.908 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN086290.D
 Acq: 16 Apr 2025 12:26

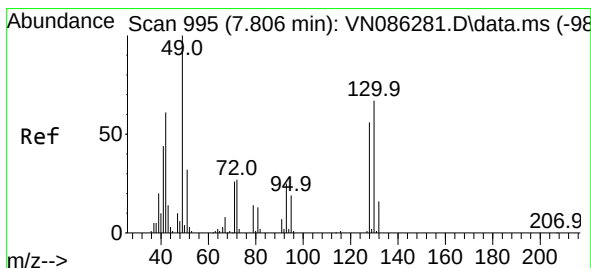
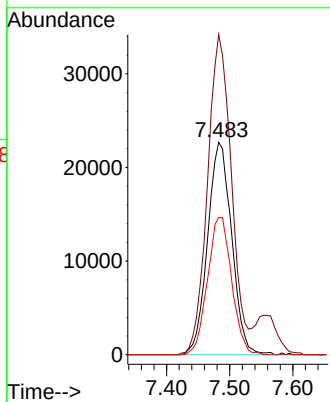
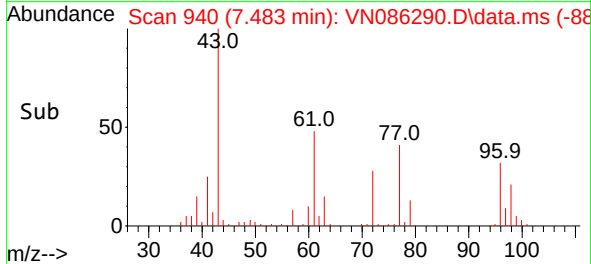
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02



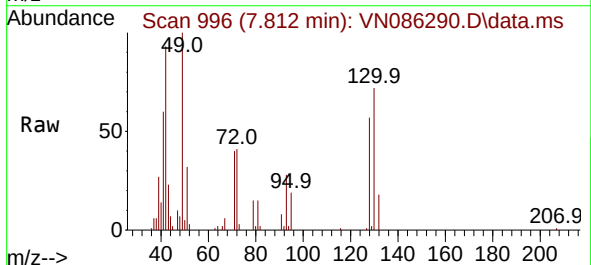
Tgt Ion: 96 Resp: 6011
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 299.0
 98 64.6 0.0 129.6

Manual Integrations
 APPROVED

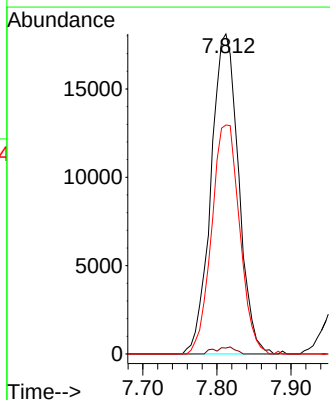
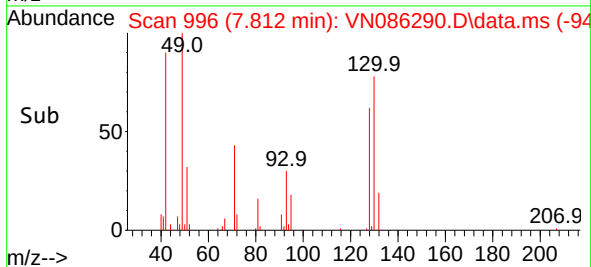
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

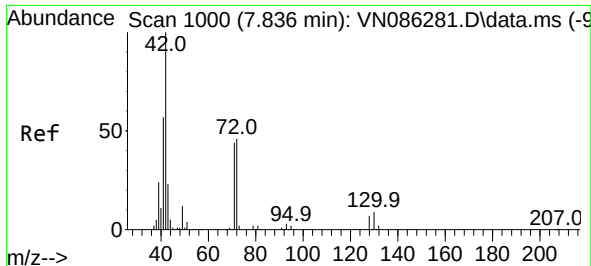


#28
 Bromochloromethane
 Concen: 25.570 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086290.D
 Acq: 16 Apr 2025 12:26



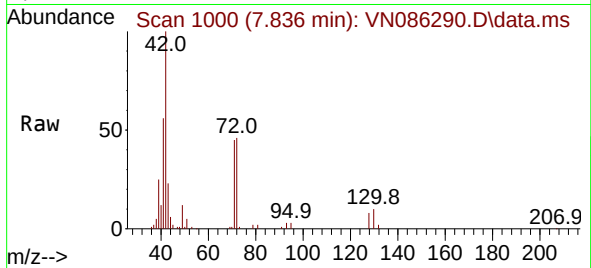
Tgt Ion: 49 Resp: 46777
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.4
 130 72.8 57.1 85.7





#29
Tetrahydrofuran
Concen: 117.088 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

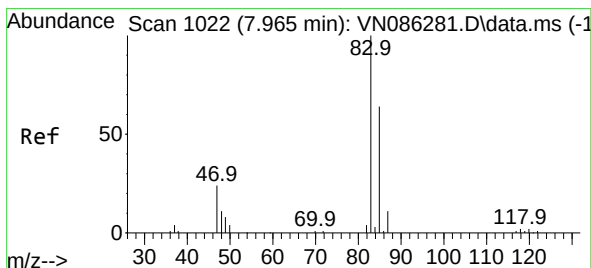
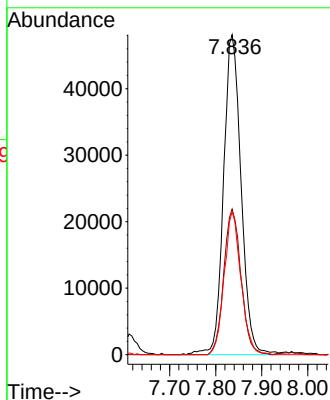
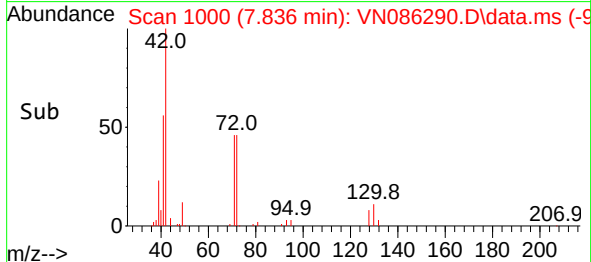
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion: 42 Resp: 12696
Ion Ratio Lower Upper
42 100
72 44.6 36.2 54.4
71 42.7 34.0 51.0

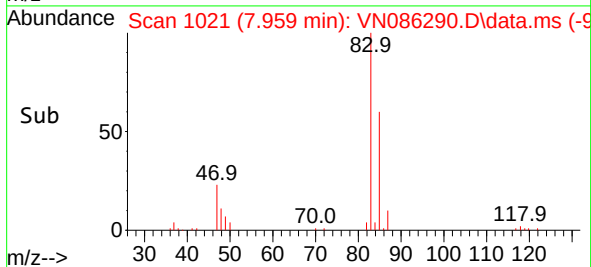
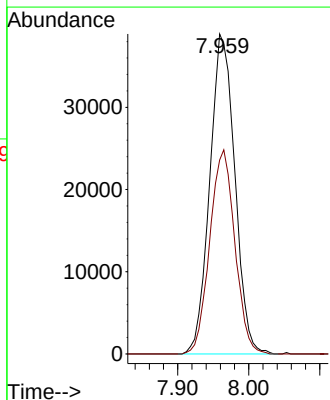
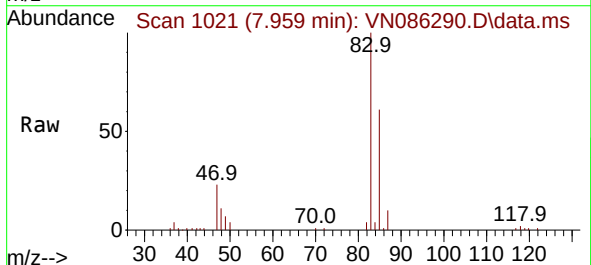
Manual Integrations
APPROVED

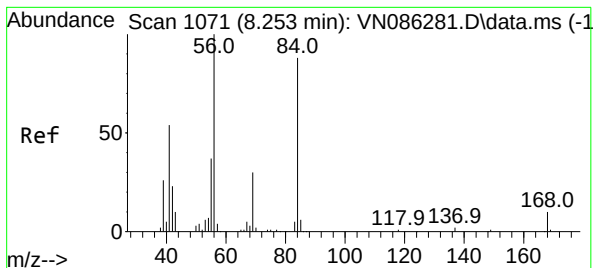
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#30
Chloroform
Concen: 22.483 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Tgt Ion: 83 Resp: 95287
Ion Ratio Lower Upper
83 100
85 60.6 51.5 77.3





#31

Cyclohexane

Concen: 21.686 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

Tgt Ion: 56 Resp: 91550

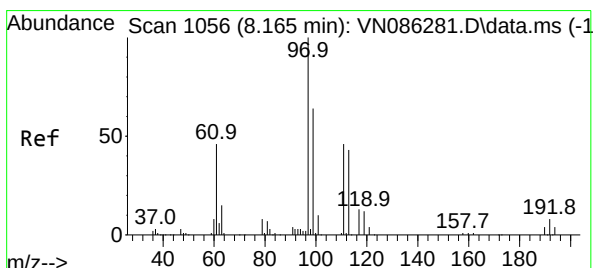
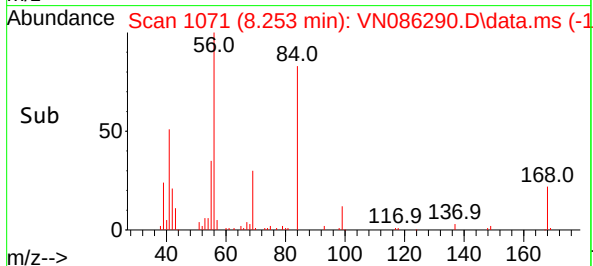
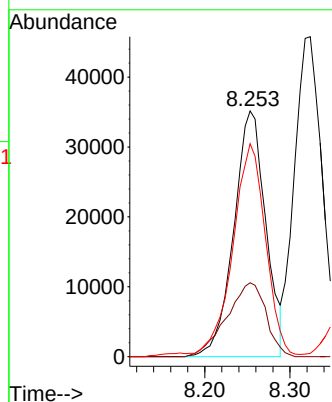
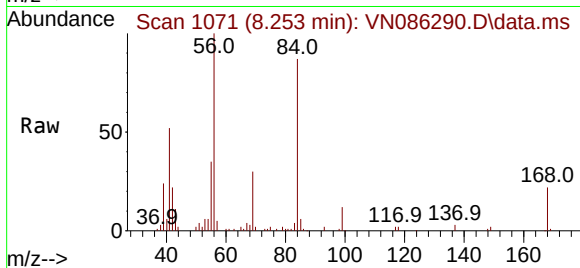
Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.2	36.2
84	85.1	70.3	105.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#32

1,1,1-Trichloroethane

Concen: 22.227 ug/l

RT: 8.165 min Scan# 1056

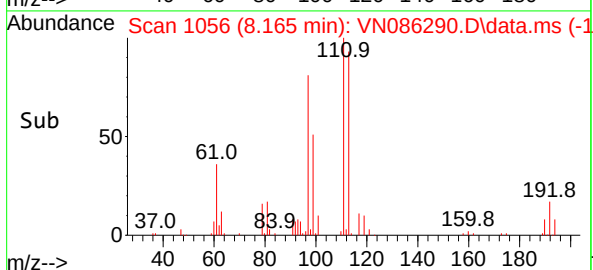
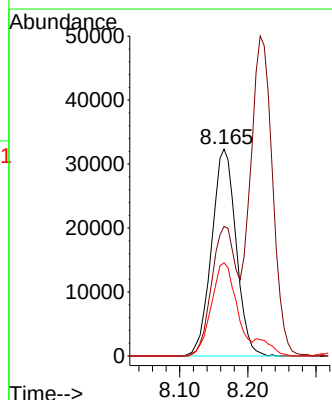
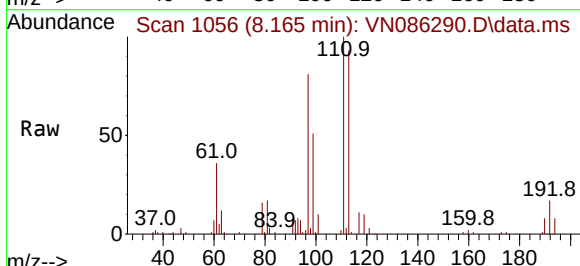
Delta R.T. 0.000 min

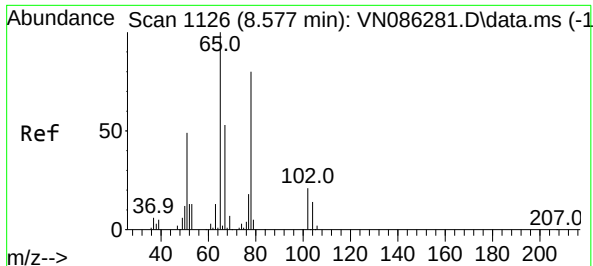
Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

Tgt Ion: 97 Resp: 80586

Ion	Ratio	Lower	Upper
97	100		
99	63.3	52.7	79.1
61	46.9	39.5	59.3





#33

1,2-Dichloroethane-d4

Concen: 59.904 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

Tgt Ion: 65 Resp: 15605

Ion Ratio Lower Upper

65 100

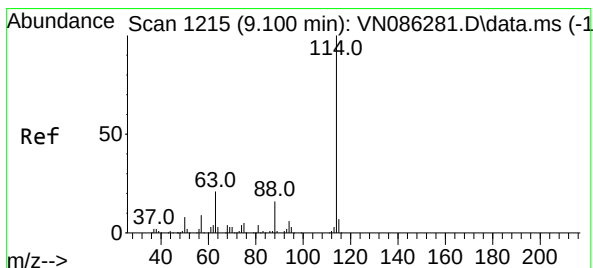
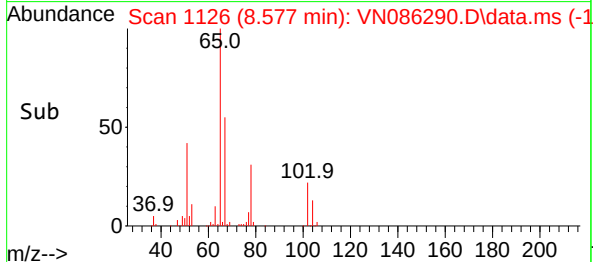
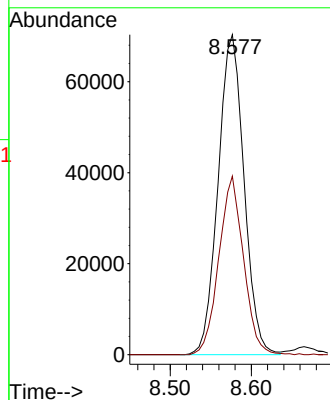
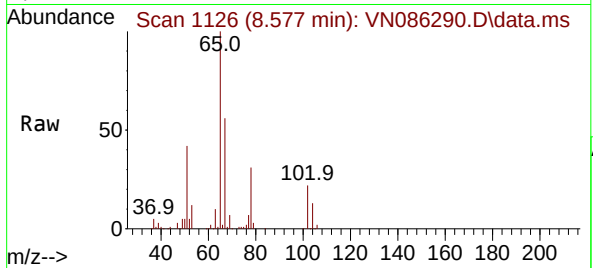
67 53.1 0.0 106.0

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: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

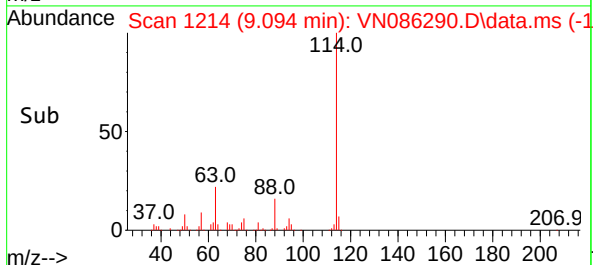
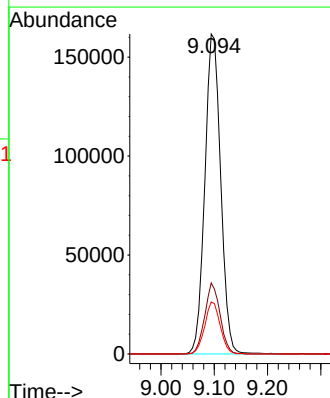
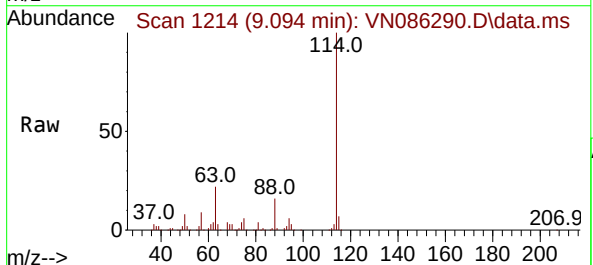
Tgt Ion:114 Resp: 334552

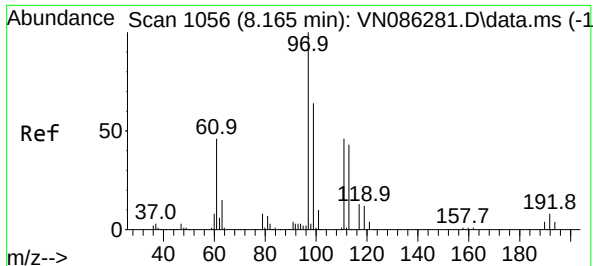
Ion Ratio Lower Upper

114 100

63 22.2 0.0 42.6

88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 59.087 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

Tgt Ion: 113 Resp: 91744

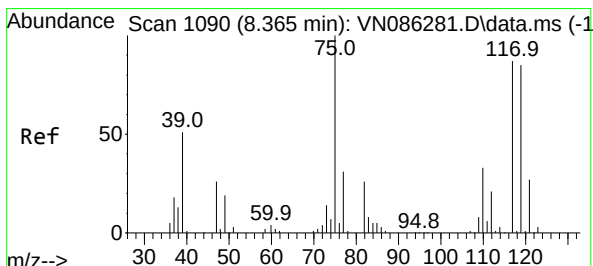
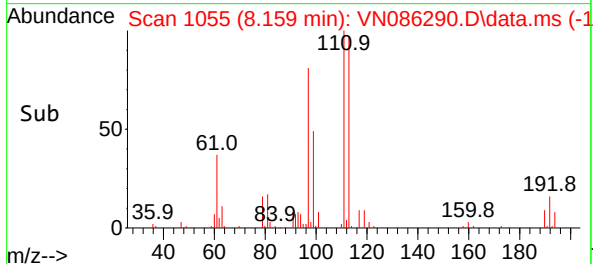
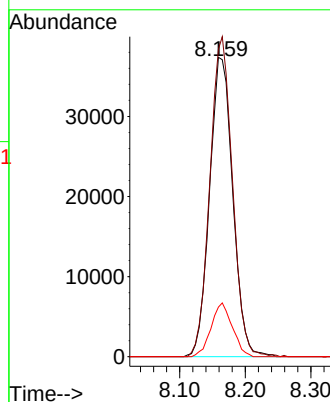
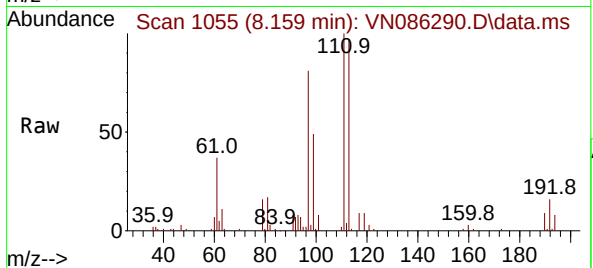
Ion	Ratio	Lower	Upper
113	100		
111	104.0	83.4	125.0
192	16.5	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#36

1,1-Dichloropropene

Concen: 22.055 ug/l

RT: 8.365 min Scan# 1090

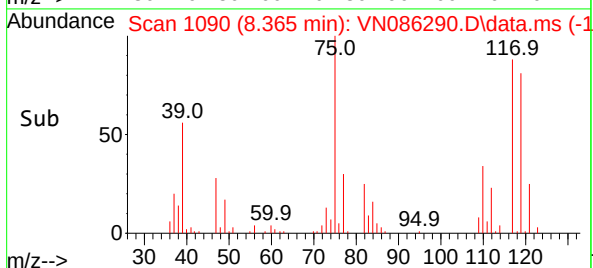
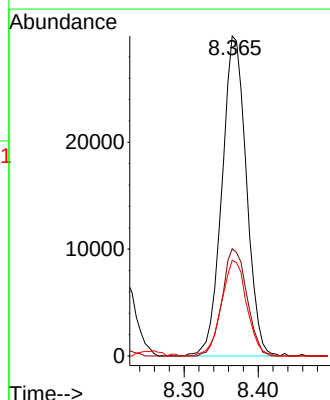
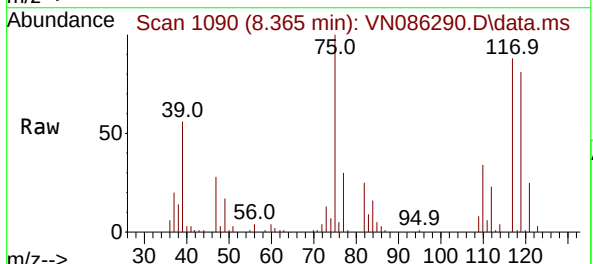
Delta R.T. 0.000 min

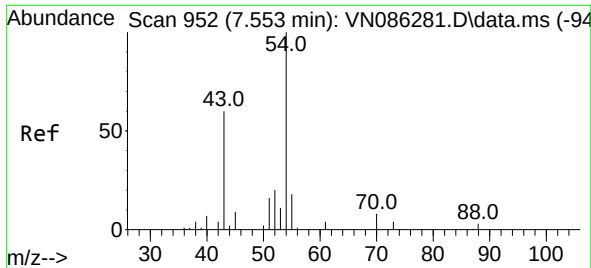
Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

Tgt Ion: 75 Resp: 68397

Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.8	50.4
77	30.9	24.9	37.3





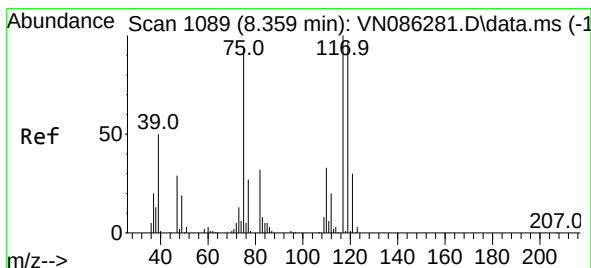
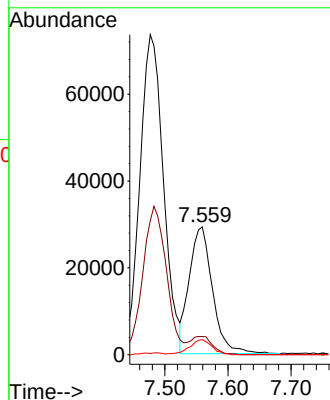
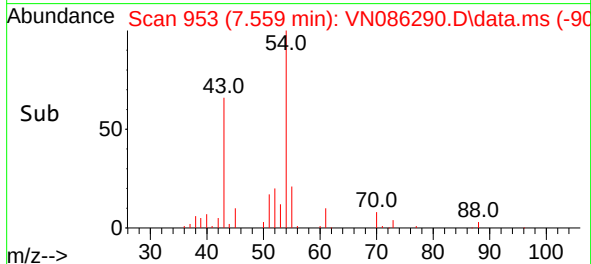
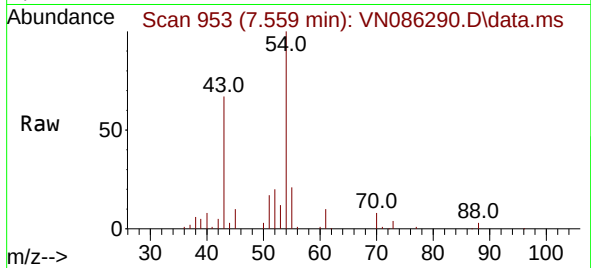
#37
Ethyl Acetate
Concen: 22.883 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tgt Ion: 43 Resp: 7471
Ion Ratio Lower Upper
43 100
61 13.1 11.1 16.7
70 11.3 9.2 13.8

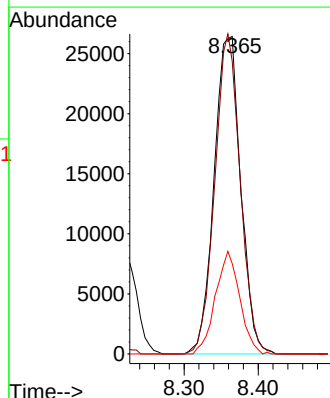
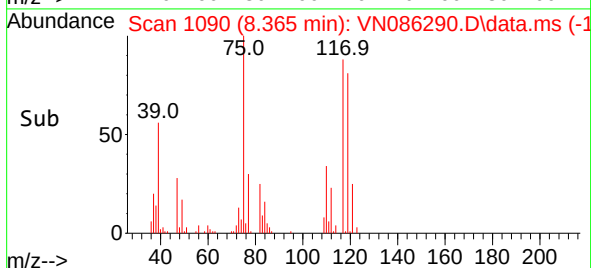
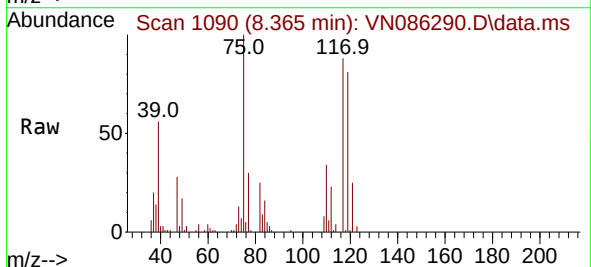
Manual Integrations
APPROVED

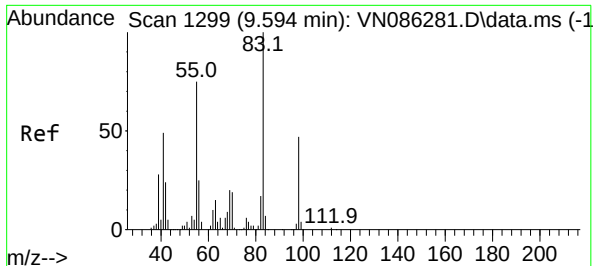
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#38
Carbon Tetrachloride
Concen: 22.337 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Tgt Ion:117 Resp: 65971
Ion Ratio Lower Upper
117 100
119 92.3 76.8 115.2
121 28.5 23.8 35.8





#39

Methylcyclohexane

Concen: 21.894 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

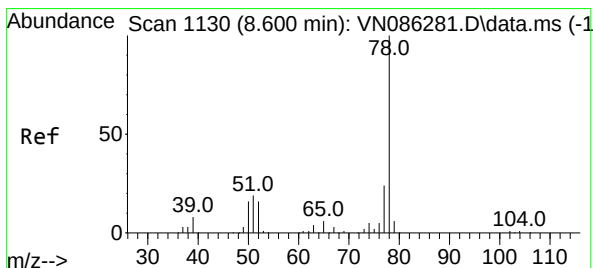
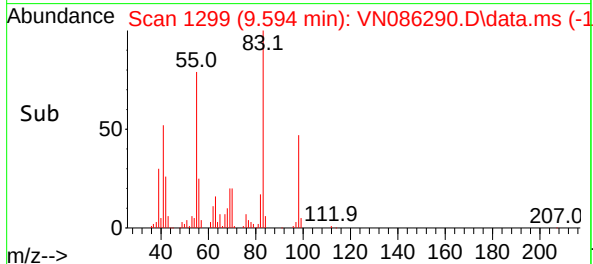
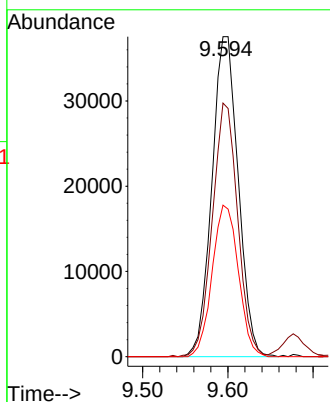
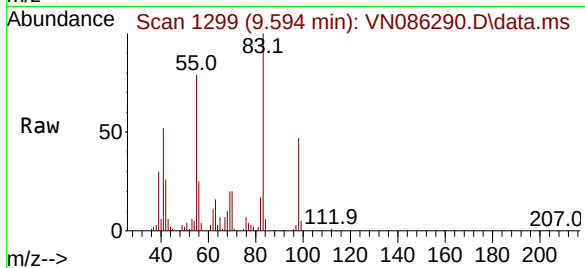
Tgt Ion:	83	Resp:	80704
Ion Ratio	Lower	Upper	
83	100		
55	79.2	59.8	89.8
98	47.4	37.9	56.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#40

Benzene

Concen: 22.286 ug/l

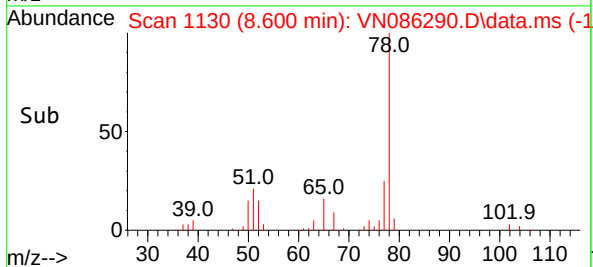
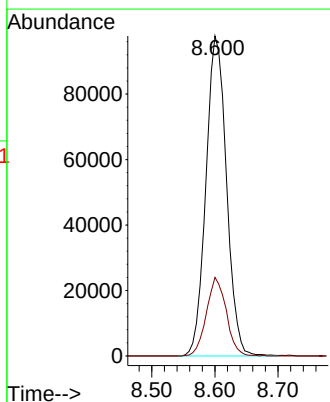
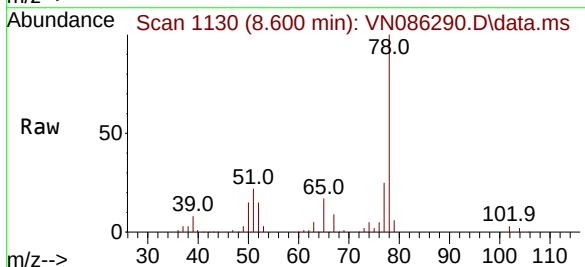
RT: 8.600 min Scan# 1130

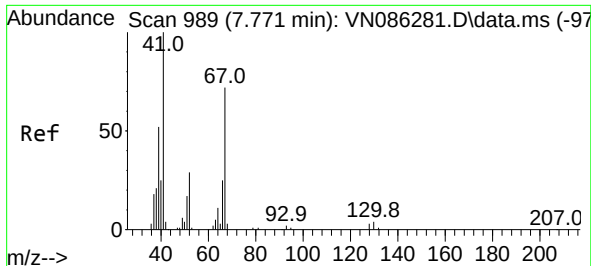
Delta R.T. 0.000 min

Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

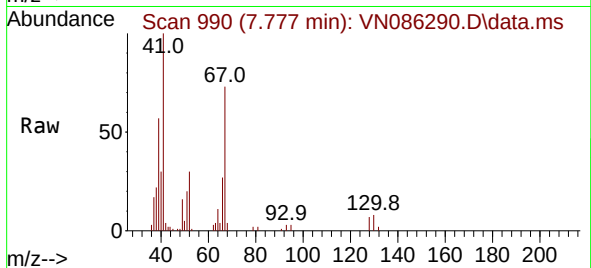
Tgt Ion:	78	Resp:	221436
Ion Ratio	Lower	Upper	
78	100		
77	24.5	19.4	29.2





#41
Methacrylonitrile
Concen: 22.796 ug/l
RT: 7.777 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

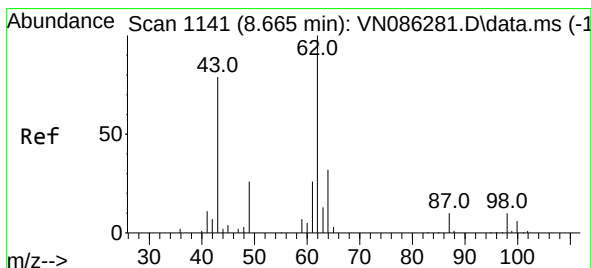
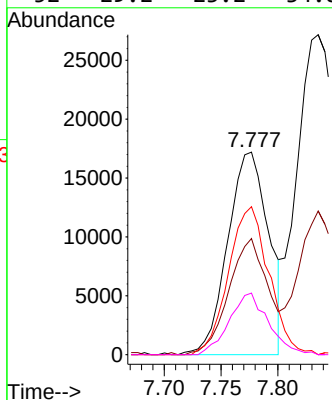
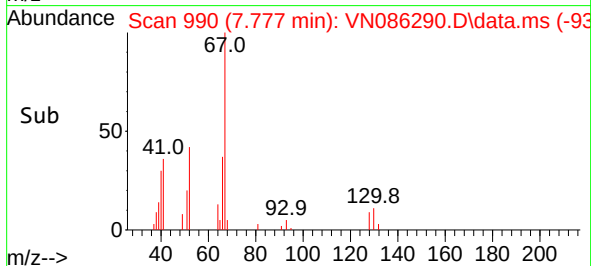
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion:	41	Resp:	4313
Ion Ratio	100	Lower	Upper
39	54.2	43.0	64.4
67	72.5	58.8	88.2
52	29.2	23.2	34.8

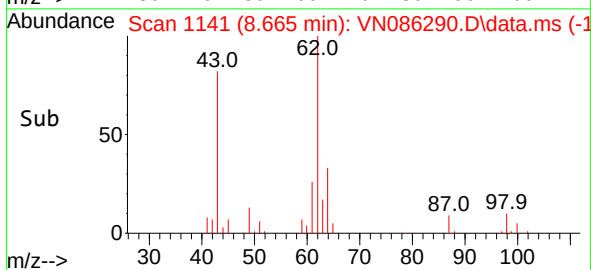
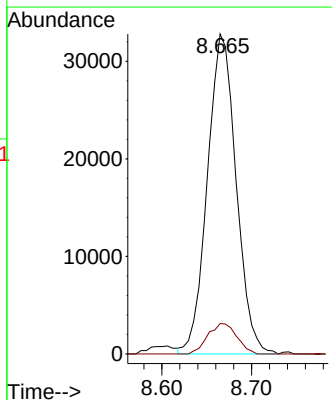
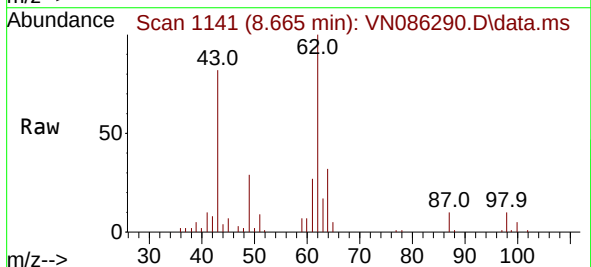
Manual Integrations
APPROVED

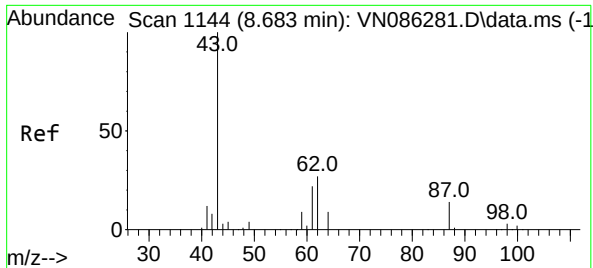
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#42
1,2-Dichloroethane
Concen: 23.052 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

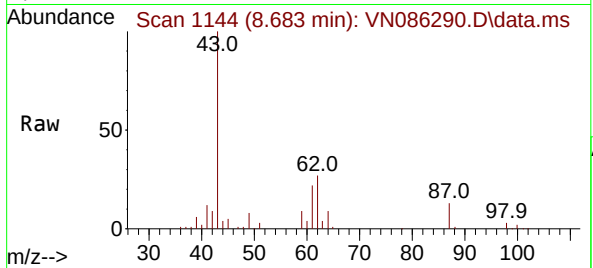
Tgt Ion:	62	Resp:	73045
Ion Ratio	100	Lower	Upper
98	9.6	0.0	19.2





#43
Isopropyl Acetate
Concen: 23.923 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

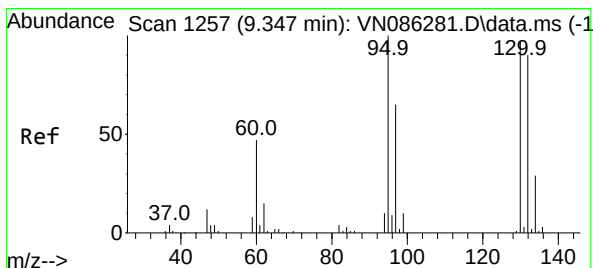
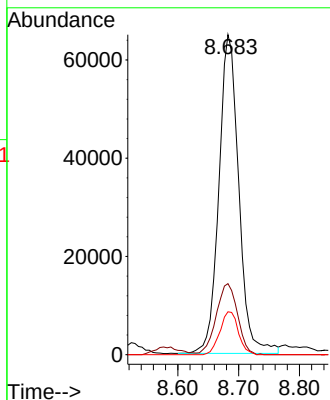
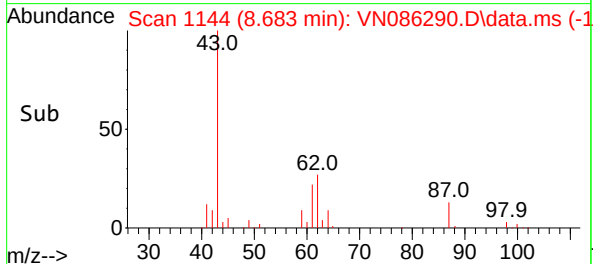
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



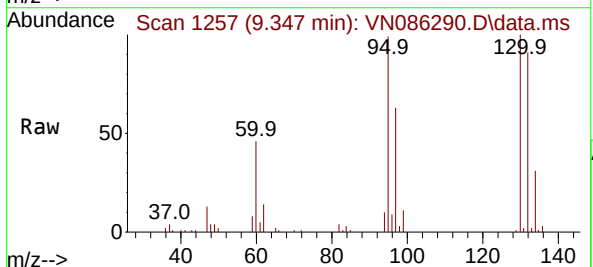
Tgt Ion: 43 Resp: 147450
Ion Ratio Lower Upper
43 100
61 23.8 20.5 30.7
87 12.4 10.5 15.7

Manual Integrations
APPROVED

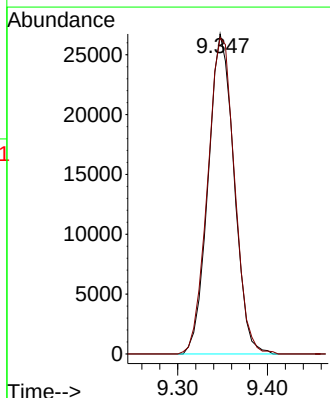
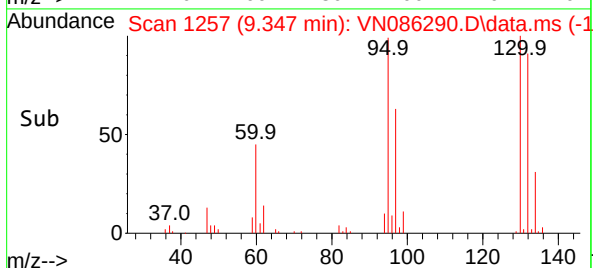
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

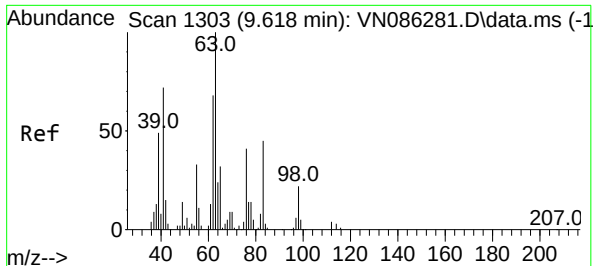


#44
Trichloroethene
Concen: 22.727 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26



Tgt Ion:130 Resp: 53525
Ion Ratio Lower Upper
130 100
95 98.8 0.0 207.2





#45

1,2-Dichloropropane

Concen: 22.369 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

Tgt Ion: 63 Resp: 54408

Ion Ratio Lower Upper

63 100

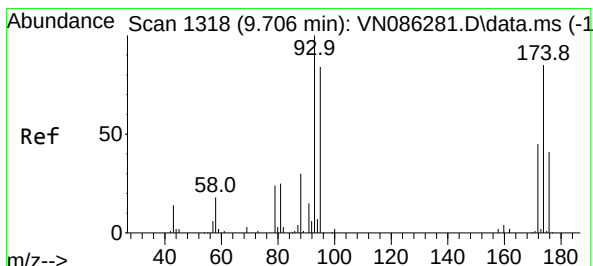
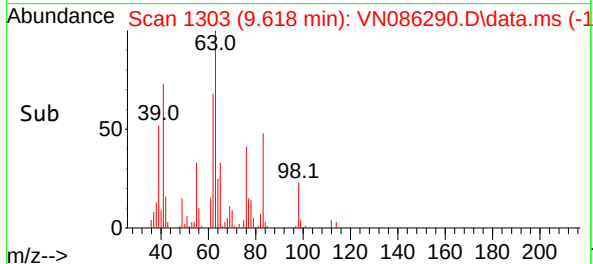
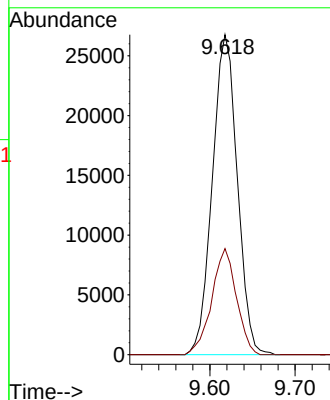
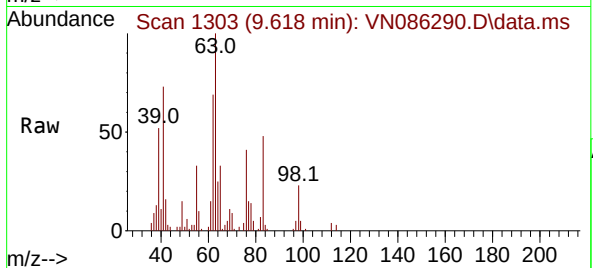
65 33.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#46

Dibromomethane

Concen: 23.555 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

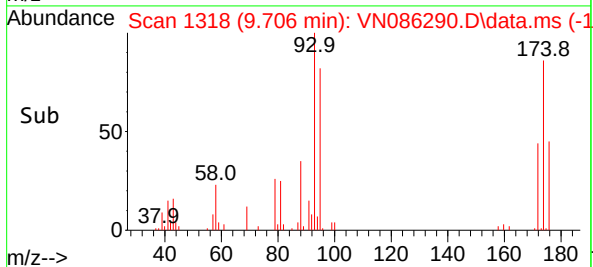
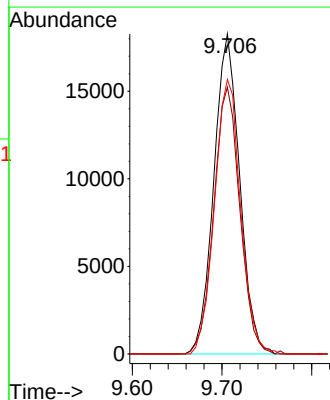
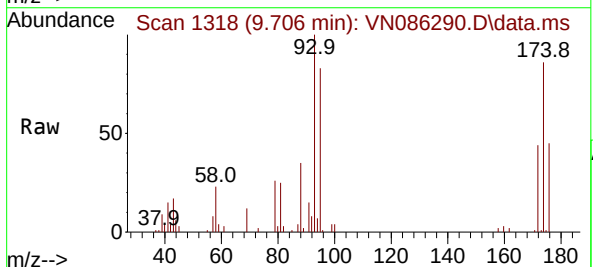
Tgt Ion: 93 Resp: 36503

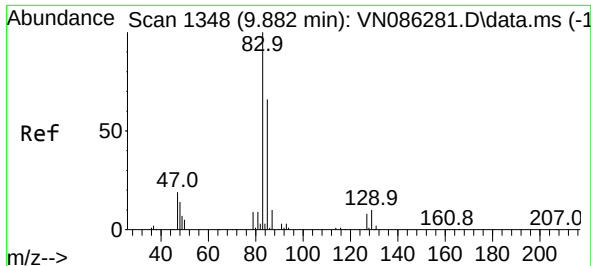
Ion Ratio Lower Upper

93 100

95 84.3 66.2 99.4

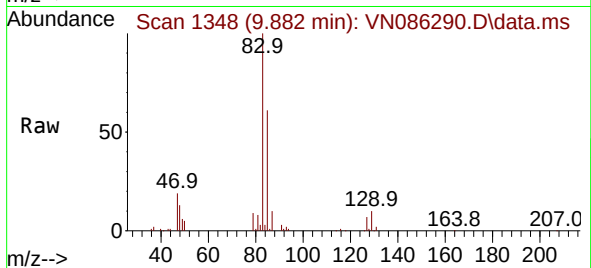
174 86.7 67.8 101.6





#47
Bromodichloromethane
Concen: 23.240 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

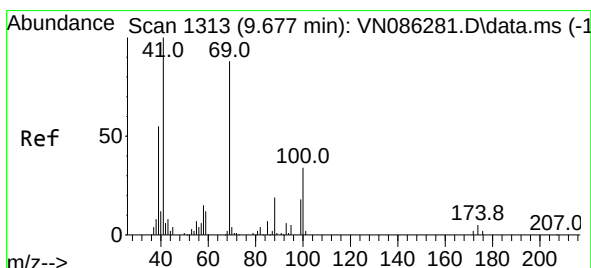
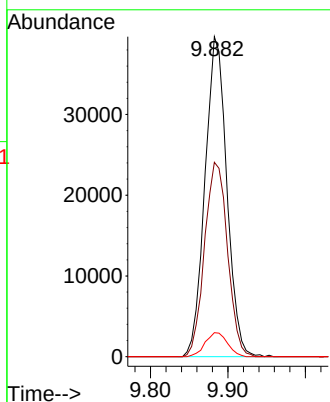
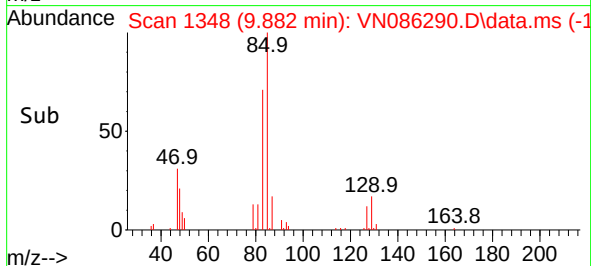
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



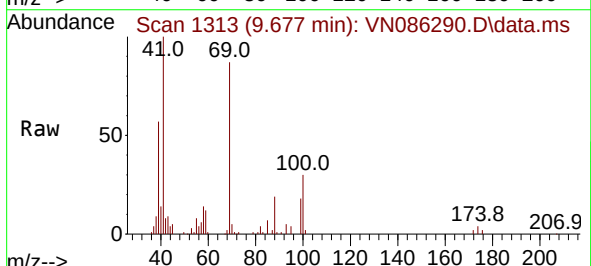
Tgt Ion: 83 Resp: 77780
Ion Ratio Lower Upper
83 100
85 60.8 52.6 78.8
127 7.5 6.1 9.1

Manual Integrations
APPROVED

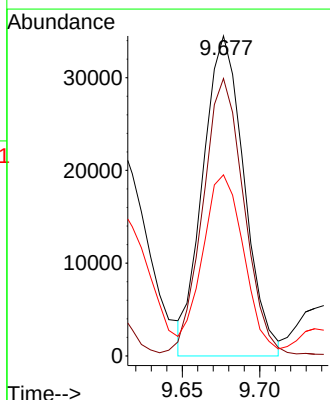
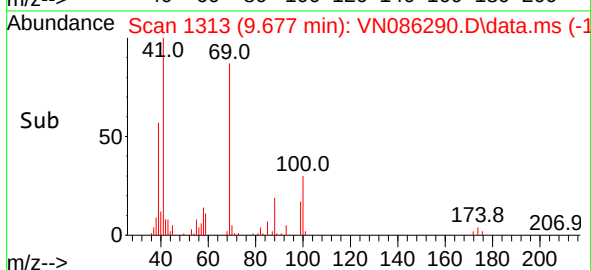
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

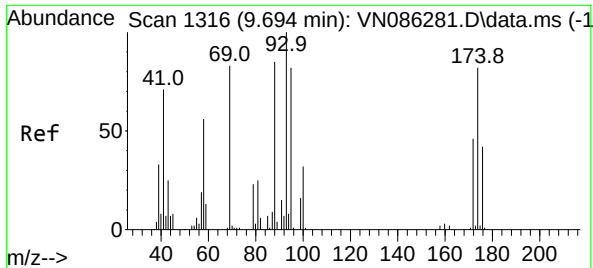


#48
Methyl methacrylate
Concen: 22.234 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26



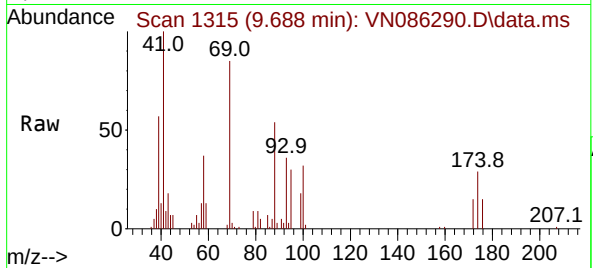
Tgt Ion: 41 Resp: 63751
Ion Ratio Lower Upper
41 100
69 87.6 68.2 102.2
39 57.5 45.2 67.8





#49
1,4-Dioxane
Concen: 489.287 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

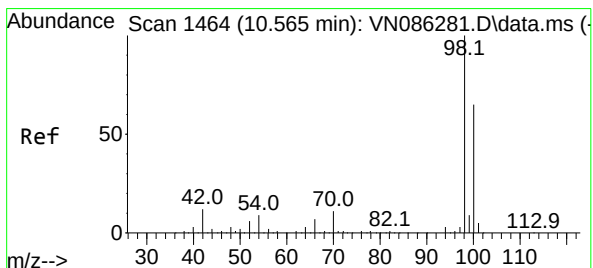
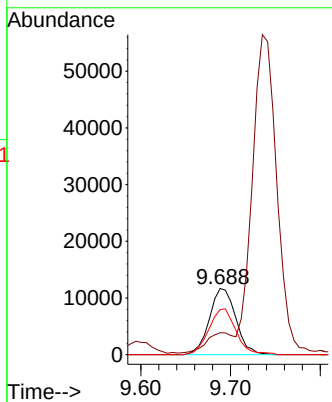
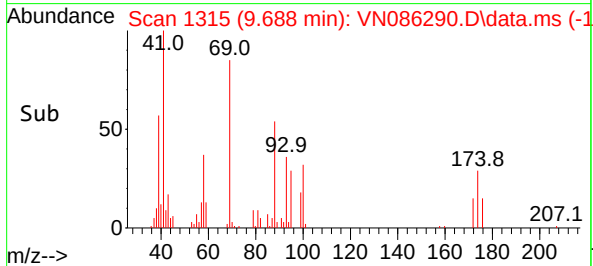
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion: 88 Resp: 2386
Ion Ratio Lower Upper
88 100
43 28.7 23.8 35.8
58 71.6 57.4 86.2

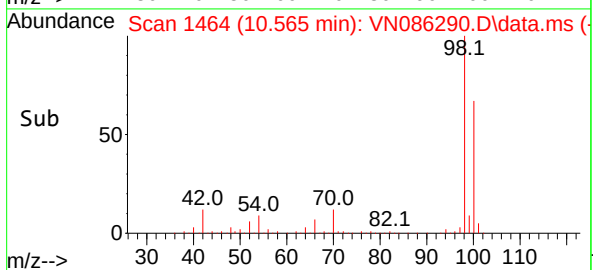
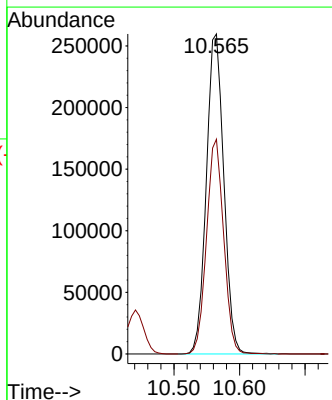
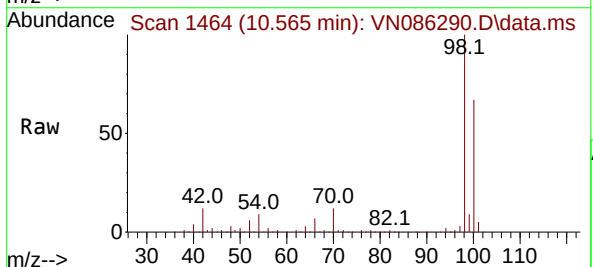
Manual Integrations
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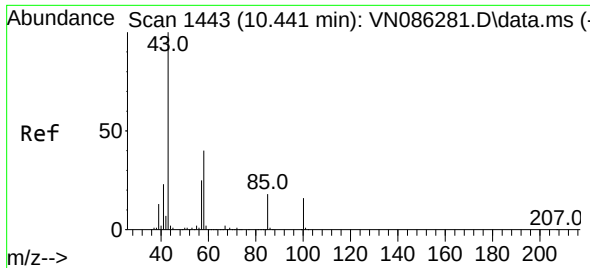
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#50
Toluene-d8
Concen: 57.955 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

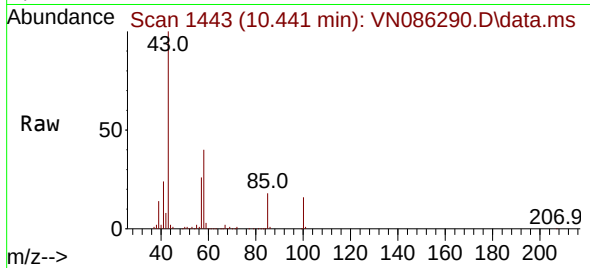
Tgt Ion: 98 Resp: 480933
Ion Ratio Lower Upper
98 100
100 65.8 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 118.848 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

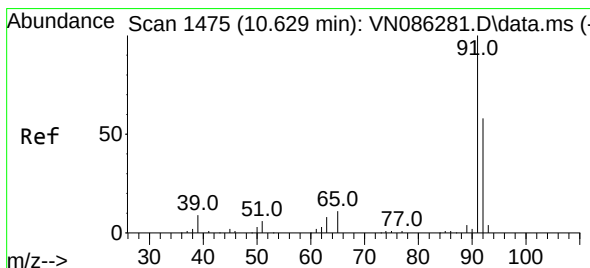
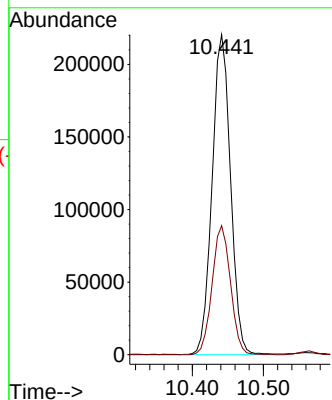
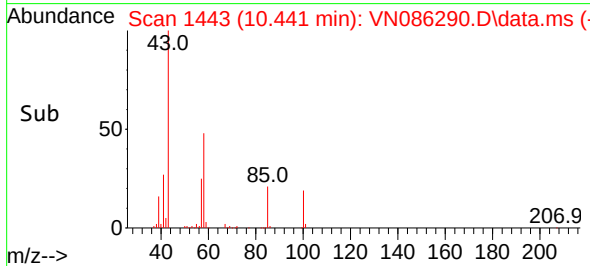
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



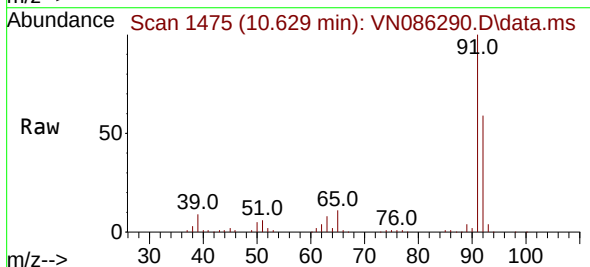
Tgt Ion: 43 Resp: 39735
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.4

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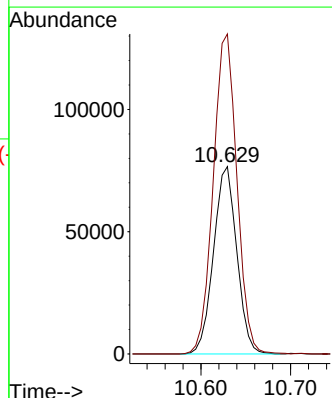
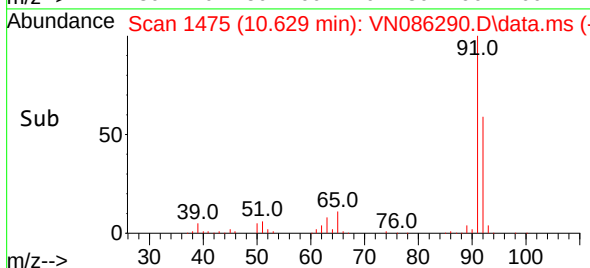
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

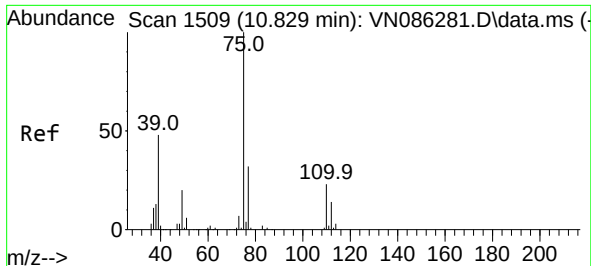


#52
Toluene
Concen: 22.240 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26



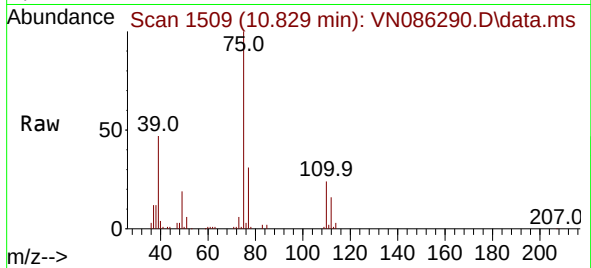
Tgt Ion: 92 Resp: 137888
Ion Ratio Lower Upper
92 100
91 173.7 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 23.250 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

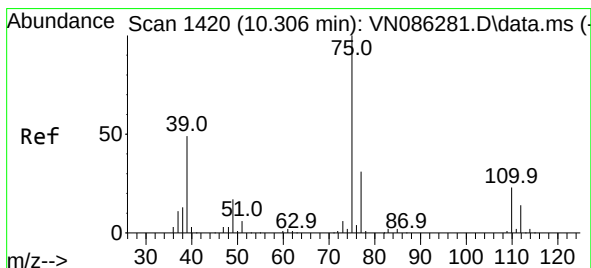
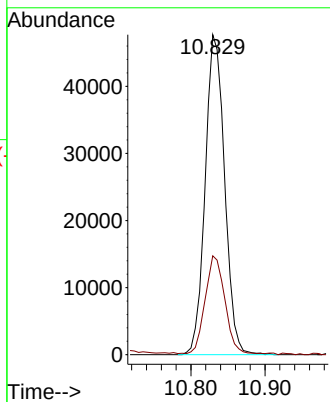
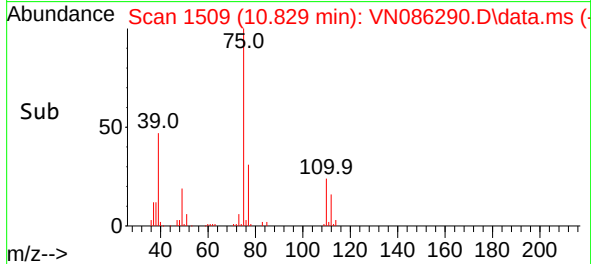
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion: 75 Resp: 8686
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

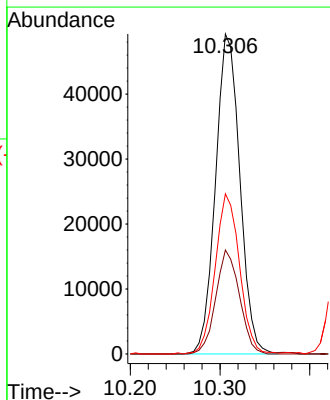
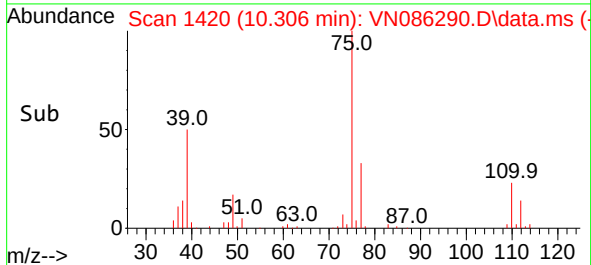
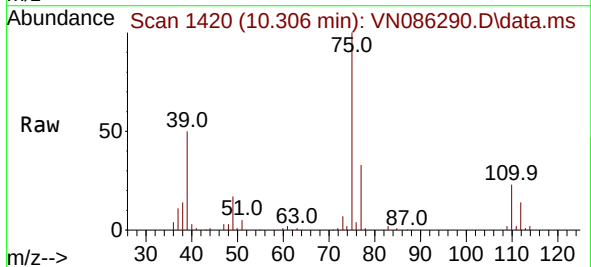
Manual Integrations
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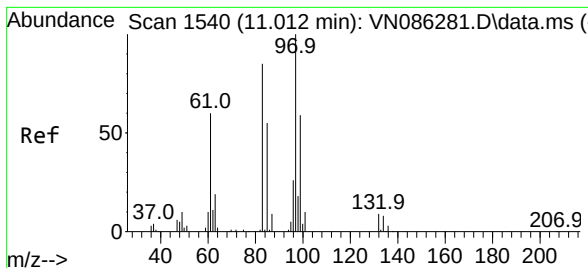
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#54
cis-1,3-Dichloropropene
Concen: 22.586 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

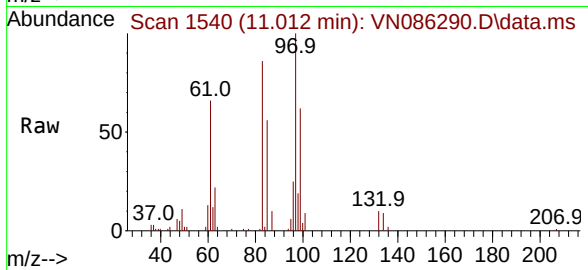
Tgt Ion: 75 Resp: 92685
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
39 49.7 39.3 58.9





#55
1,1,2-Trichloroethane
Concen: 23.108 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

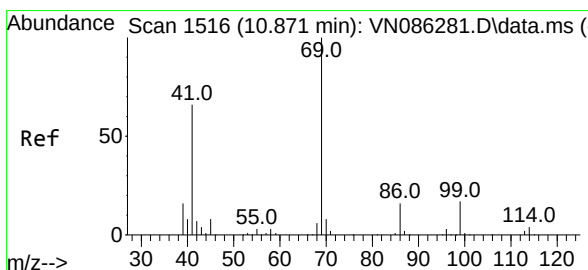
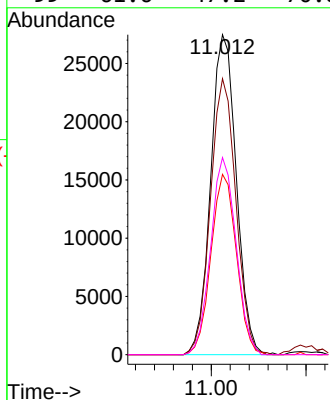
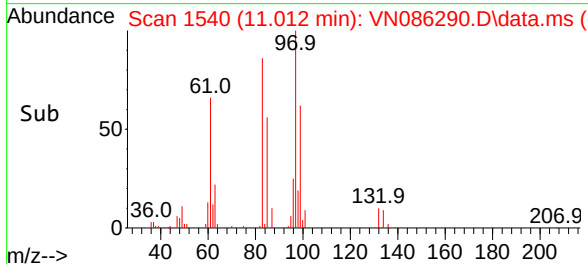


Tgt Ion: 97 Resp: 5154

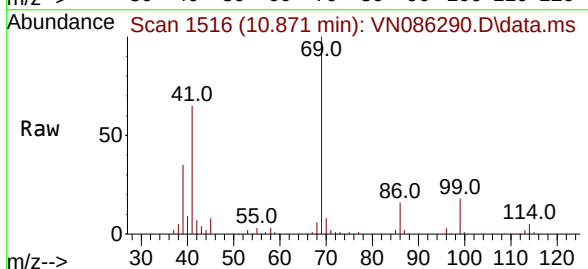
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.4	102.6
85	56.4	43.9	65.9
99	61.6	47.2	70.8

Manual Integrations
APPROVED

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

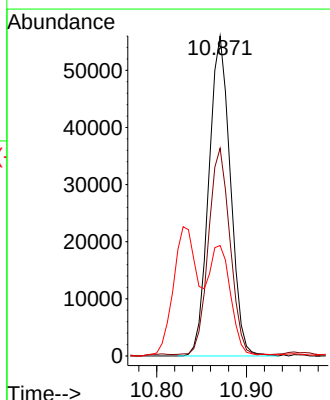
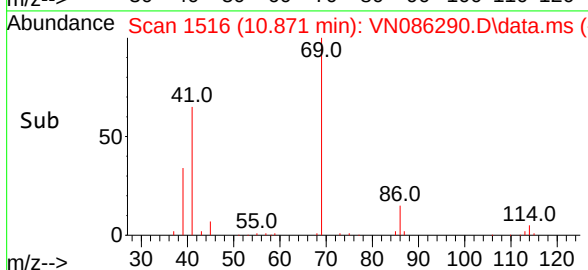


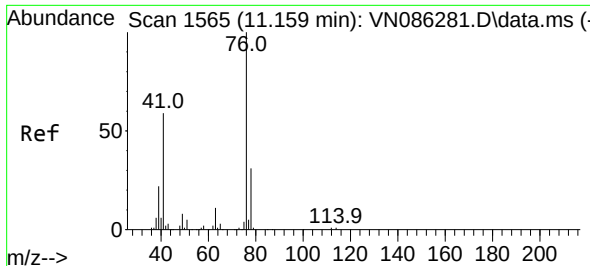
#56
Ethyl methacrylate
Concen: 22.784 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26



Tgt Ion: 69 Resp: 93423

Ion	Ratio	Lower	Upper
69	100		
41	64.6	51.7	77.5
39	33.2	26.3	39.5





#57

1,3-Dichloropropane

Concen: 23.384 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

Tgt Ion: 76 Resp: 92550

Ion Ratio Lower Upper

76 100

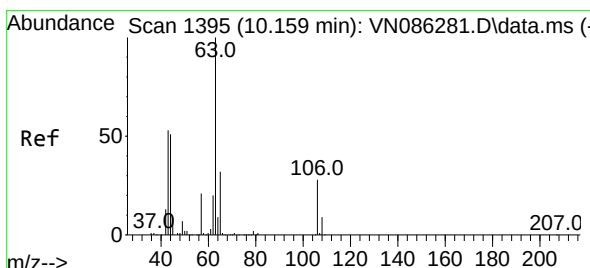
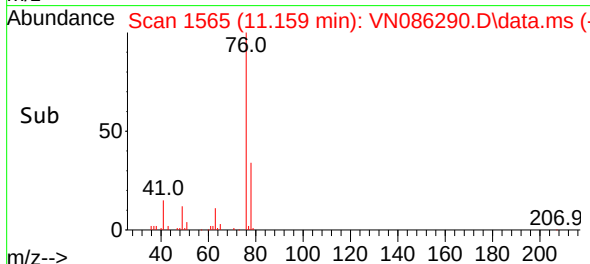
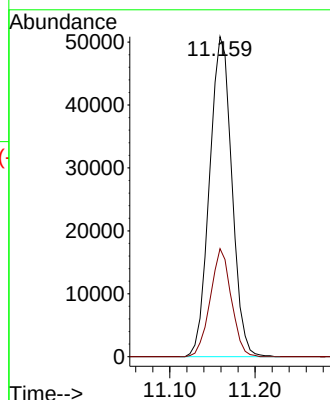
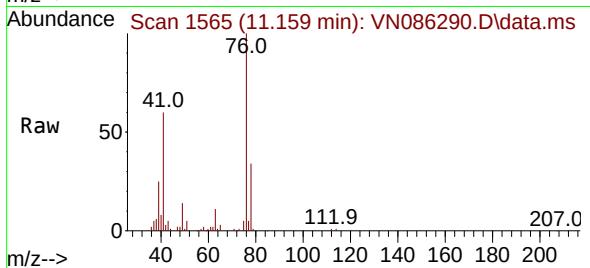
78 31.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#58

2-Chloroethyl Vinyl ether

Concen: 109.337 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN086290.D

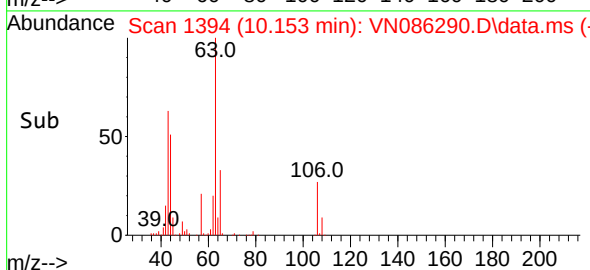
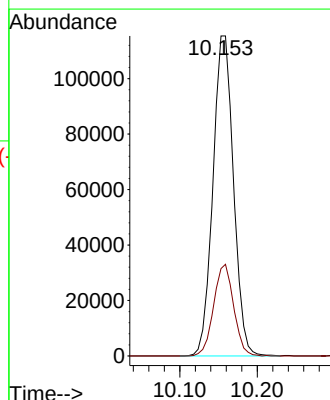
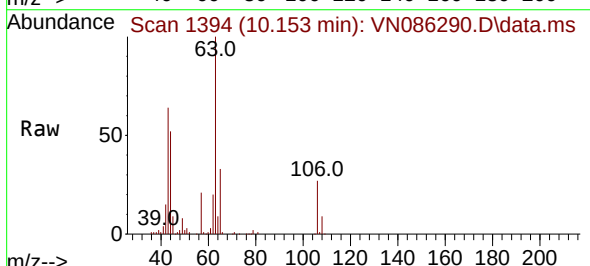
Acq: 16 Apr 2025 12:26

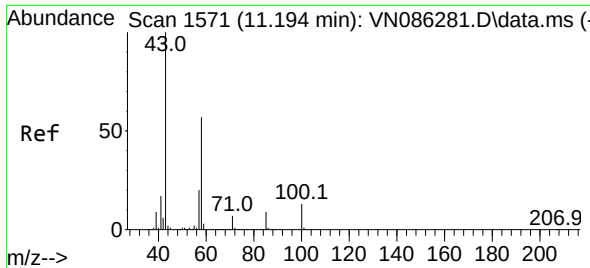
Tgt Ion: 63 Resp: 212788

Ion Ratio Lower Upper

63 100

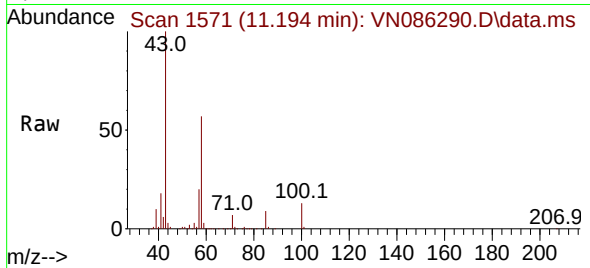
106 27.8 22.2 33.2





#59
2-Hexanone
Concen: 118.127 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

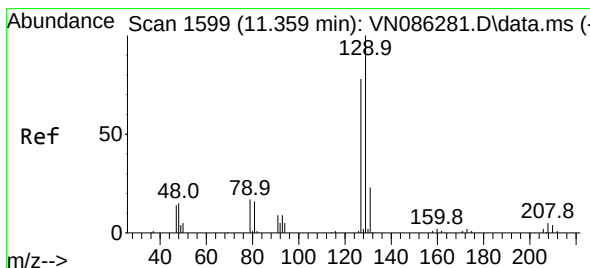
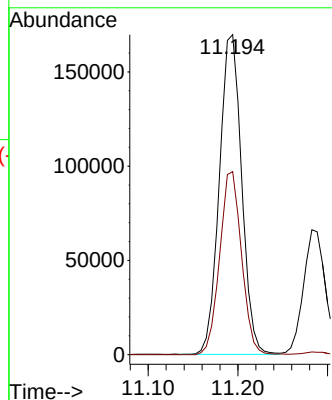
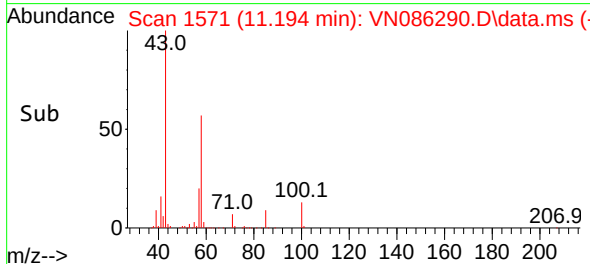
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion: 43 Resp: 29294
Ion Ratio Lower Upper
43 100
58 56.1 28.3 85.0

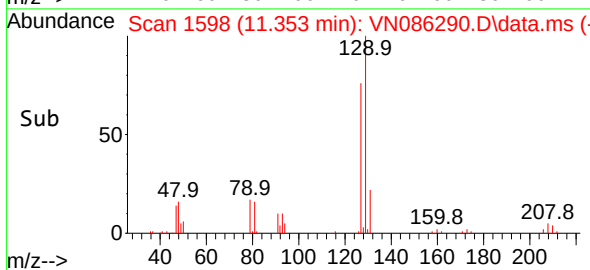
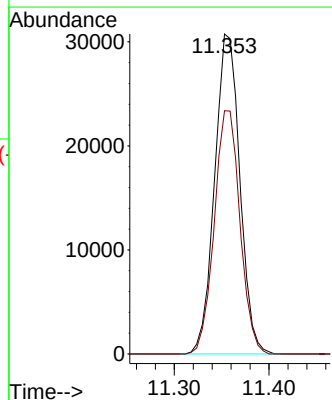
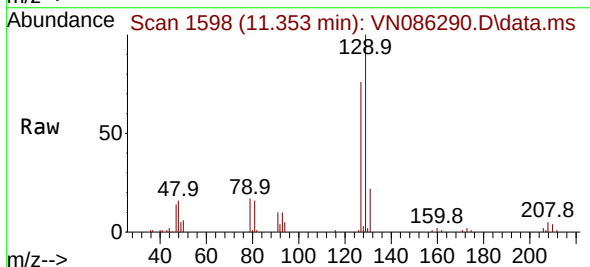
Manual Integrations
APPROVED

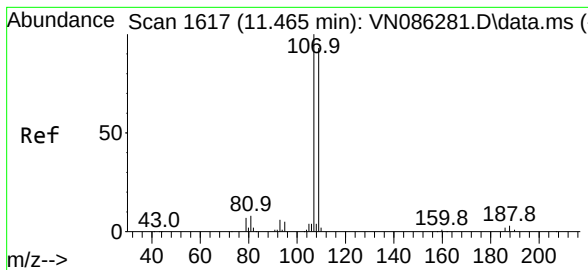
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#60
Dibromochloromethane
Concen: 23.229 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Tgt Ion:129 Resp: 56900
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





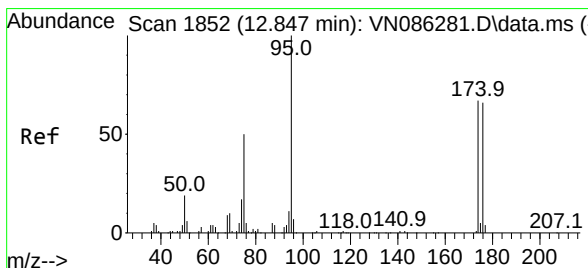
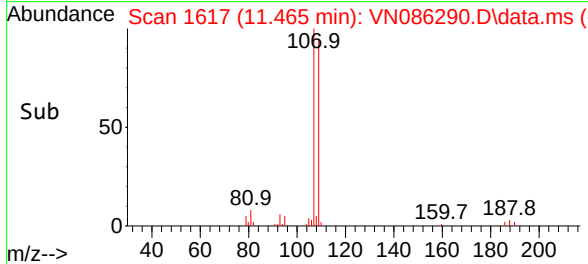
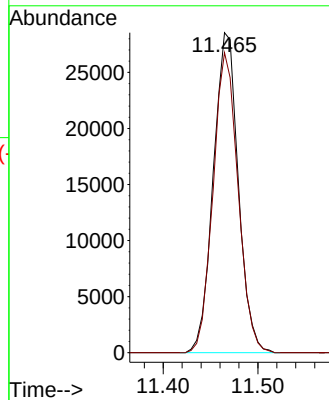
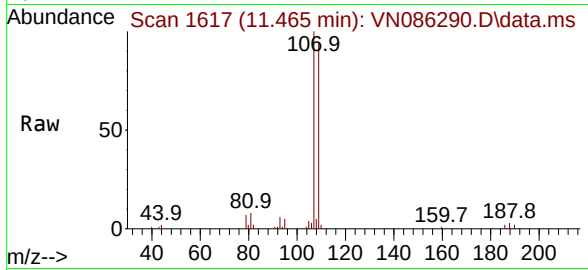
#61
1,2-Dibromoethane
Concen: 23.241 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tgt Ion:107 Resp: 5231
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.0

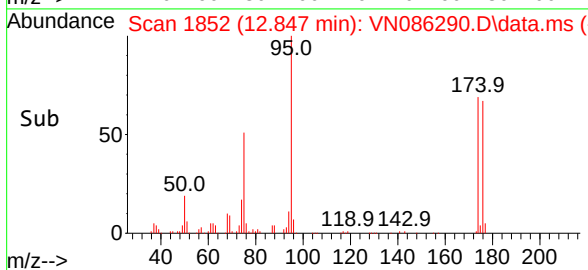
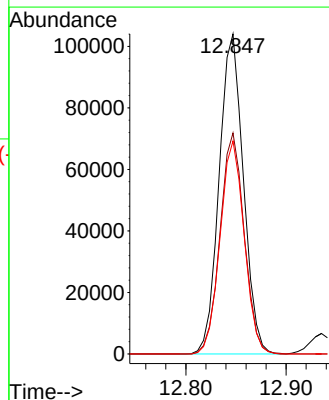
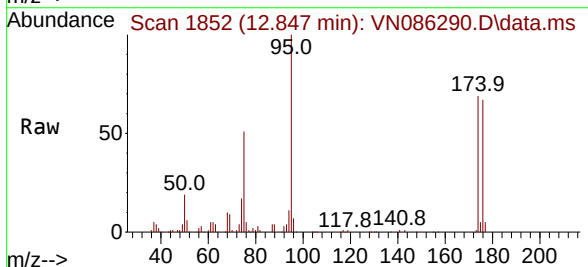
Manual Integrations
APPROVED

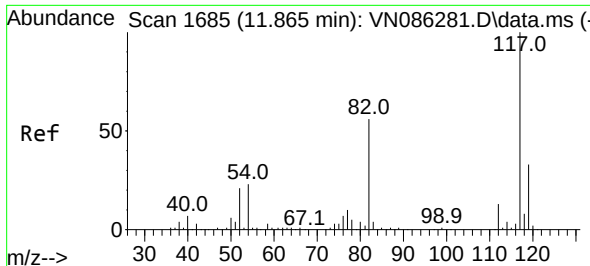
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#62
4-Bromofluorobenzene
Concen: 57.534 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

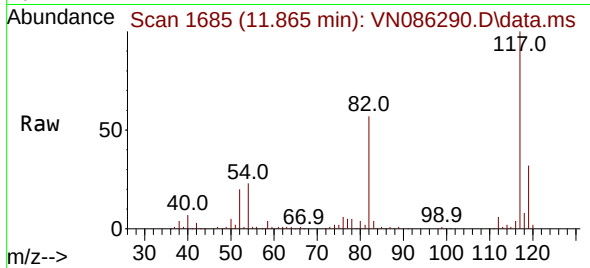
Tgt Ion: 95 Resp: 174143
Ion Ratio Lower Upper
95 100
174 68.9 0.0 133.4
176 66.2 0.0 129.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

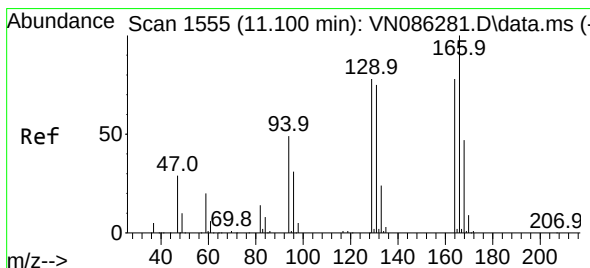
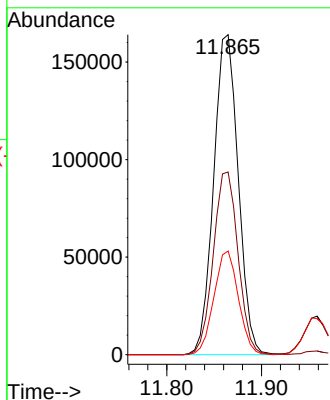
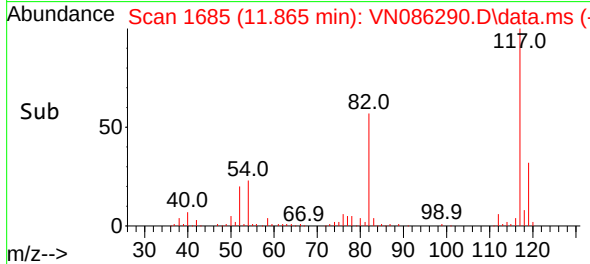
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion:117 Resp: 296230
Ion Ratio Lower Upper
117 100
82 57.1 44.7 67.1
119 32.4 26.4 39.6

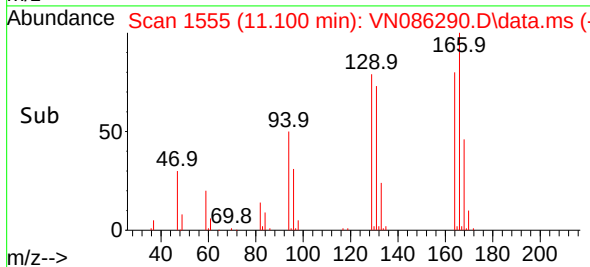
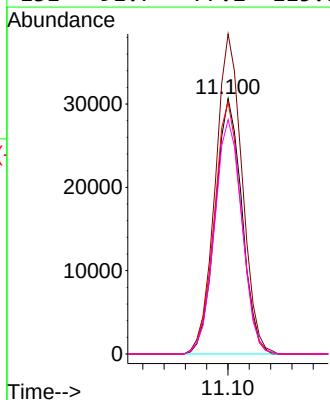
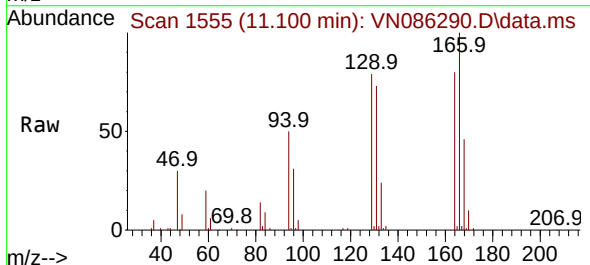
Manual Integrations
APPROVED

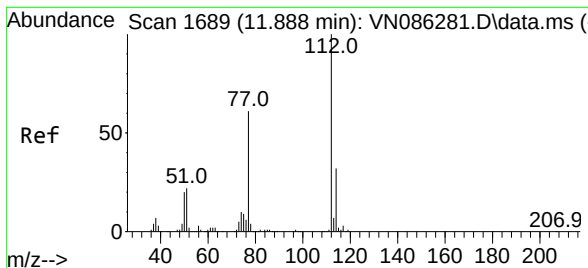
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#64
Tetrachloroethene
Concen: 23.432 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

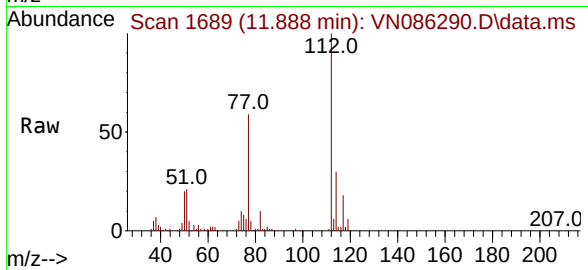
Tgt Ion:164 Resp: 53392
Ion Ratio Lower Upper
164 100
166 125.3 103.0 154.4
129 98.6 80.1 120.1
131 91.7 77.2 115.8





#65
Chlorobenzene
Concen: 22.240 ug/l
RT: 11.888 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

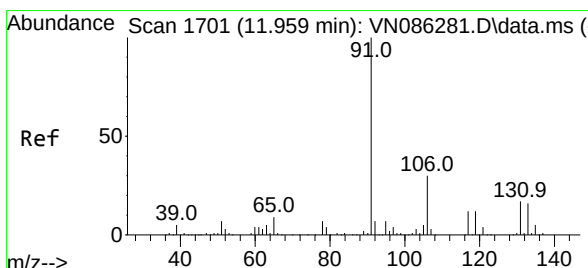
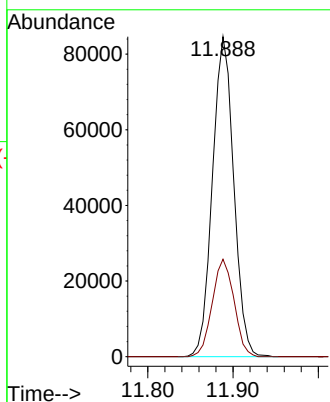
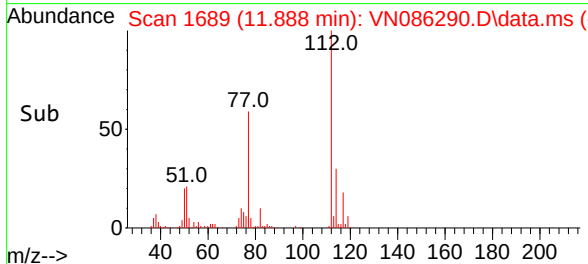
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



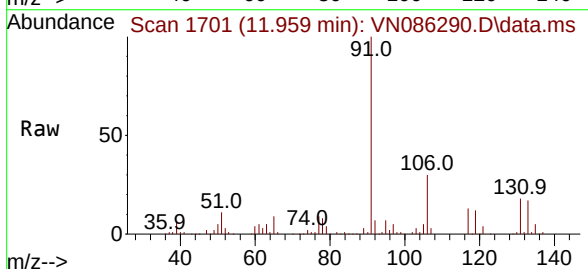
Tgt Ion:112 Resp: 147024
Ion Ratio Lower Upper
112 100
114 30.5 25.4 38.0

Manual Integrations
APPROVED

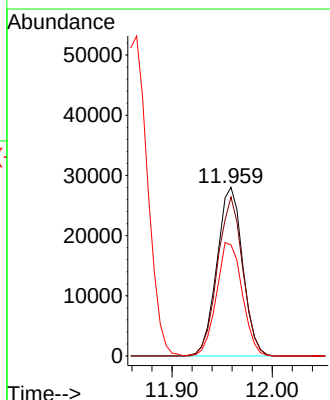
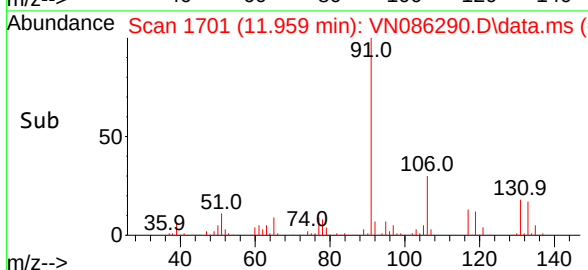
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

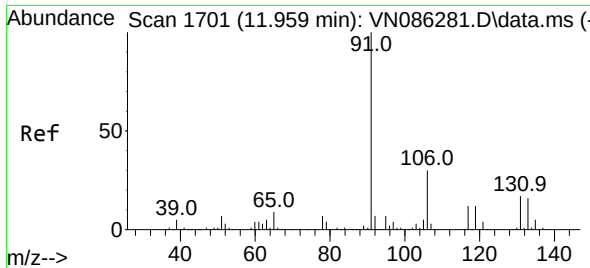


#66
1,1,1,2-Tetrachloroethane
Concen: 22.886 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26



Tgt Ion:131 Resp: 49913
Ion Ratio Lower Upper
131 100
133 92.5 47.1 141.3
119 67.4 33.8 101.4





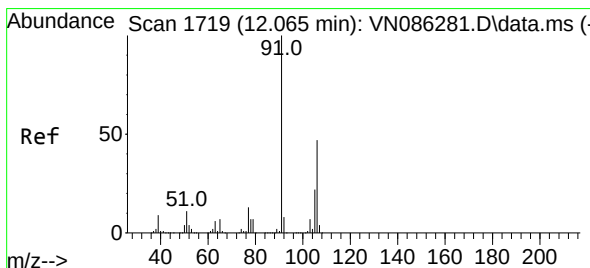
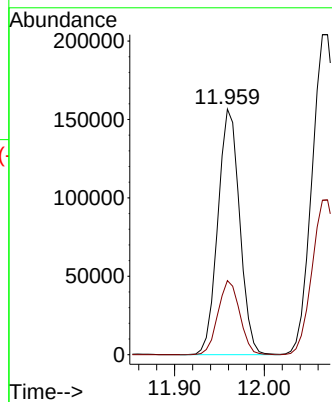
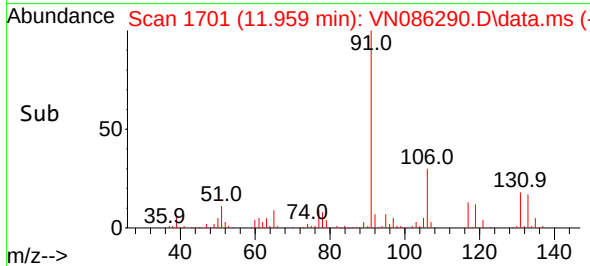
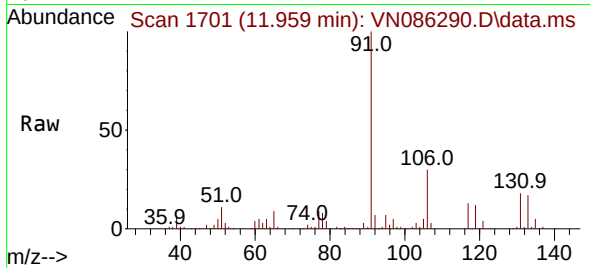
#67
Ethyl Benzene
Concen: 22.134 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tgt Ion: 91 Resp: 26404
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5

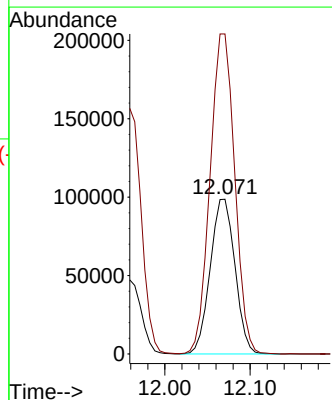
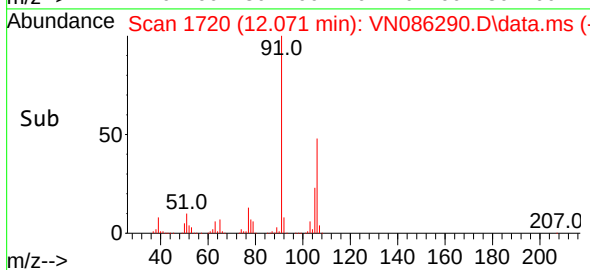
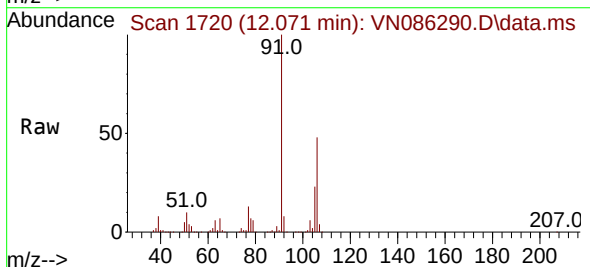
Manual Integrations
APPROVED

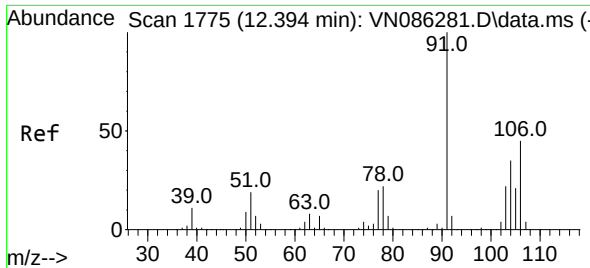
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#68
m/p-Xylenes
Concen: 44.501 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Tgt Ion:106 Resp: 198914
Ion Ratio Lower Upper
106 100
91 206.5 166.5 249.7





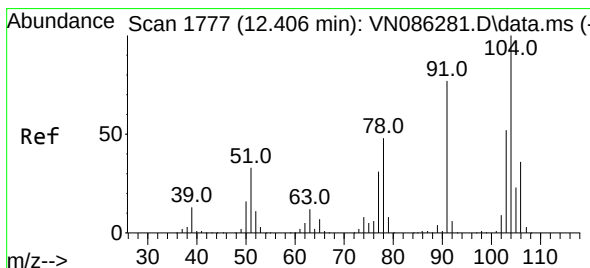
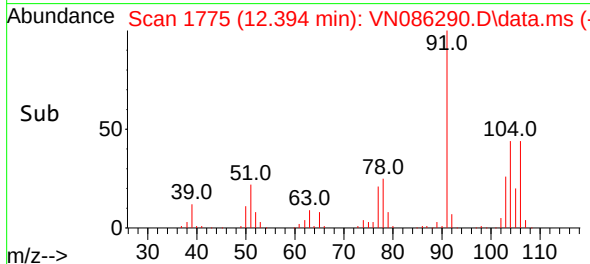
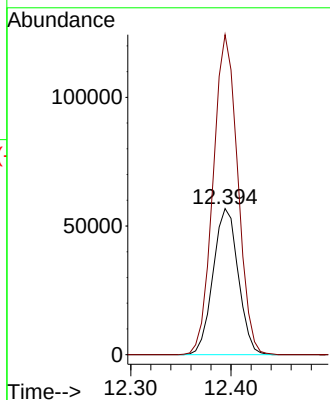
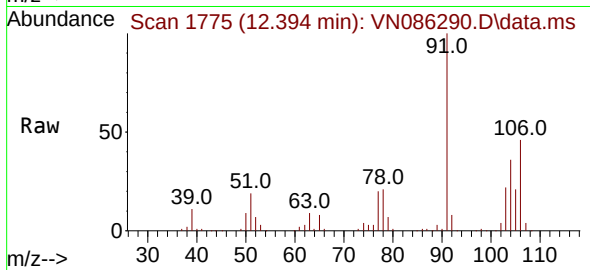
#69
o-Xylene
Concen: 22.361 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tgt Ion:106 Resp: 9884
Ion Ratio Lower Upper
106 100
91 214.6 109.7 329.0

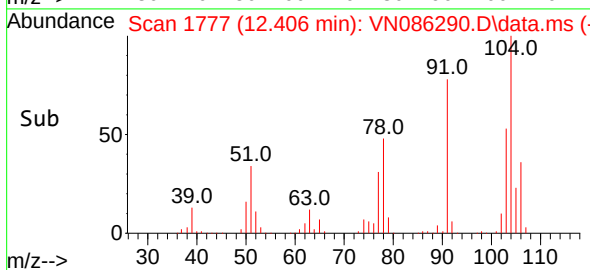
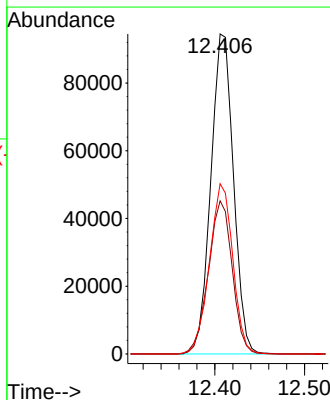
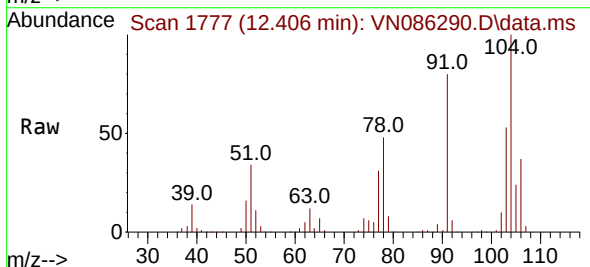
Manual Integrations
APPROVED

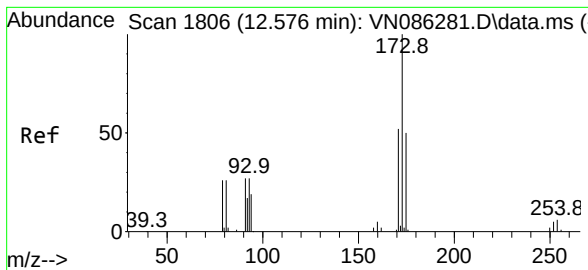
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#70
Styrene
Concen: 22.498 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

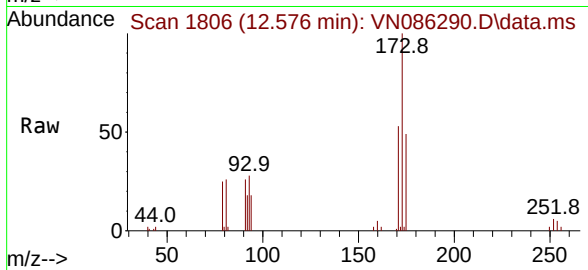
Tgt Ion:104 Resp: 165710
Ion Ratio Lower Upper
104 100
78 50.3 40.6 61.0
103 55.0 43.6 65.4





#71
Bromoform
Concen: 23.068 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

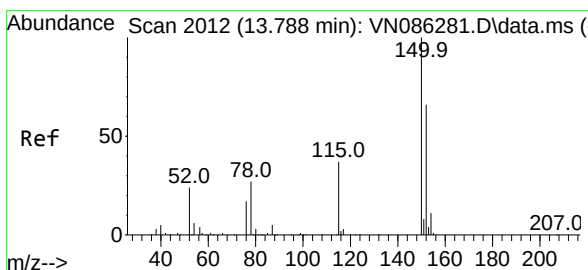
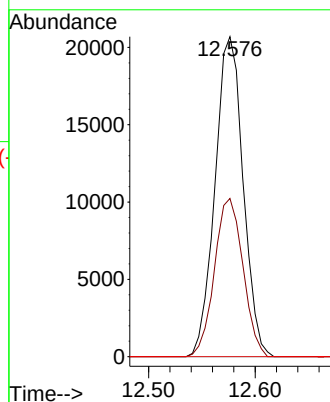
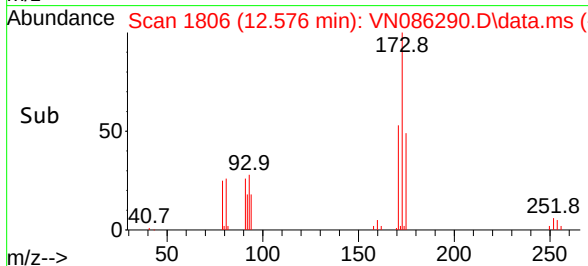
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



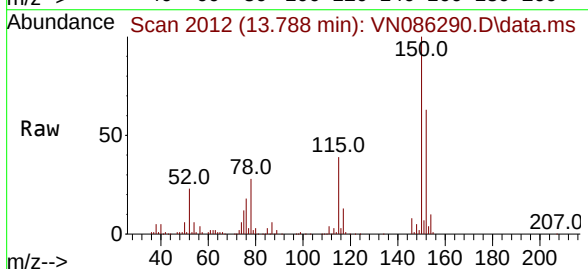
Tgt Ion:173 Resp: 3787
Ion Ratio Lower Upper
173 100
175 50.2 24.6 73.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

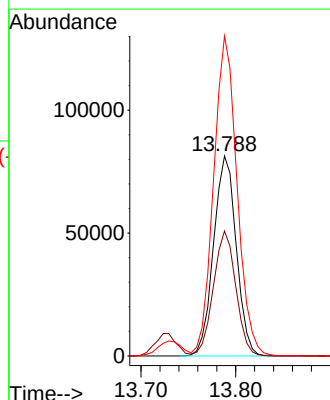
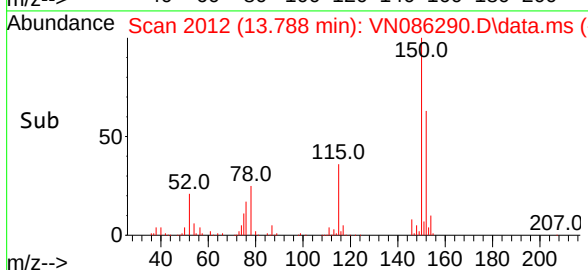
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

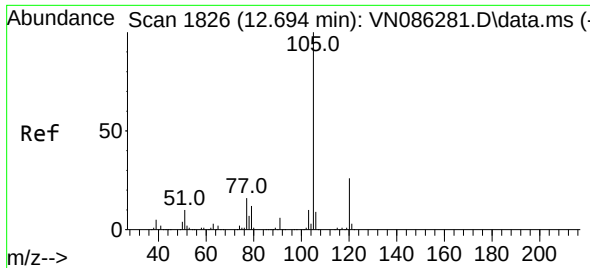


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26



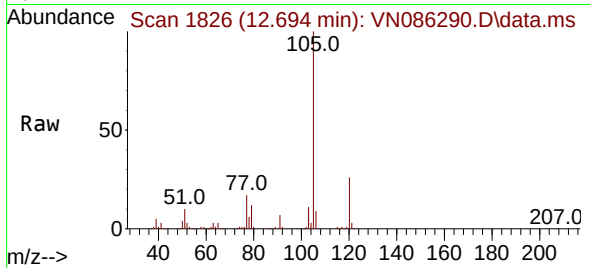
Tgt Ion:152 Resp: 135532
Ion Ratio Lower Upper
152 100
115 61.8 31.9 95.9
150 165.3 0.0 352.0





#73
Isopropylbenzene
Concen: 21.537 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

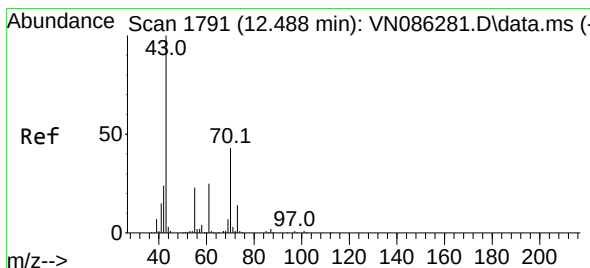
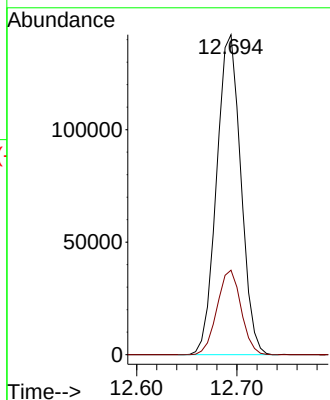
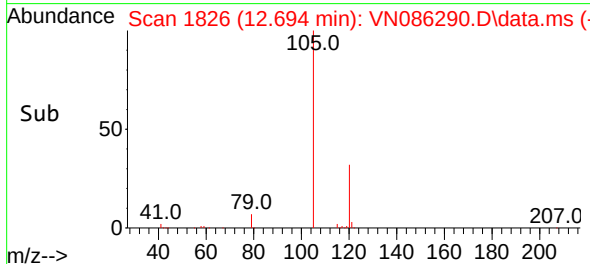
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion: 105 Resp: 23878
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.3

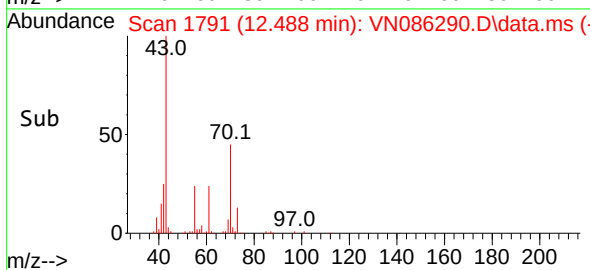
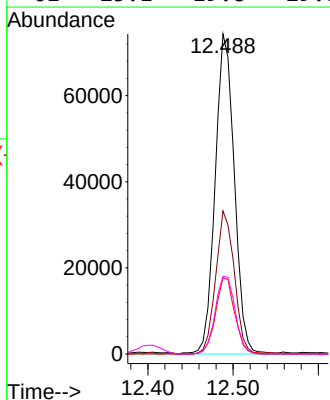
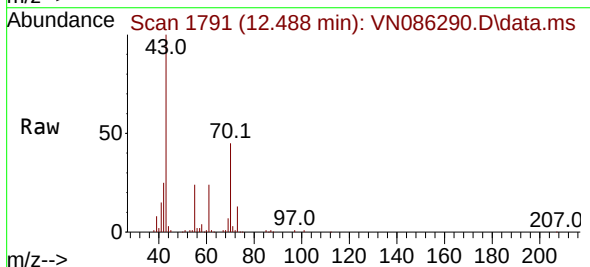
Manual Integrations
APPROVED

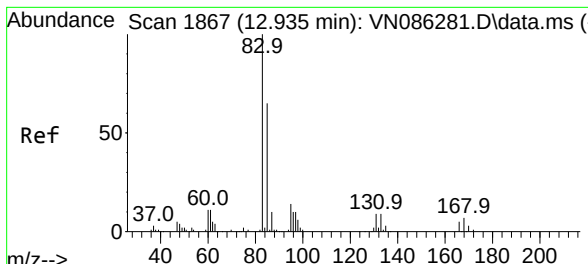
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#74
N-ethyl acetate
Concen: 21.110 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Tgt Ion: 43 Resp: 116513
Ion Ratio Lower Upper
43 100
70 43.2 35.0 52.4
55 24.0 19.0 28.4
61 25.1 19.8 29.8



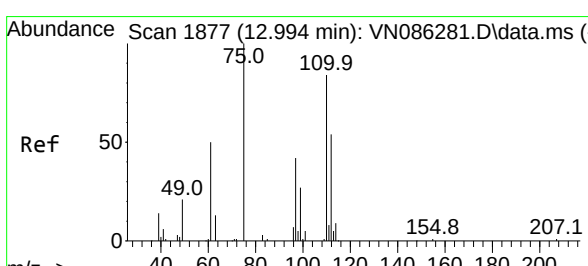
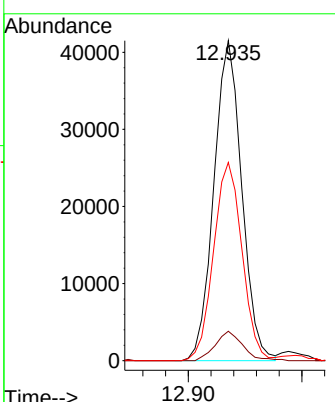
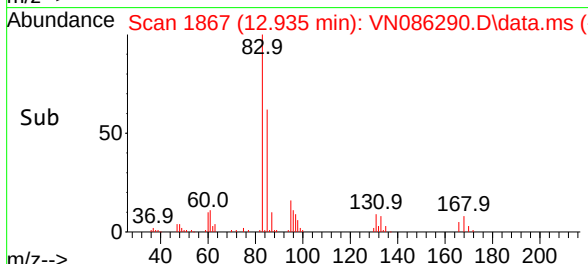
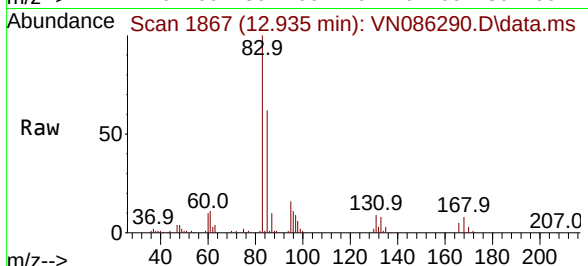


#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.196 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN086290.D
 Acq: 16 Apr 2025 12:26

Instrument : MSVOA_N
 ClientSampleId : VN0416WBS02

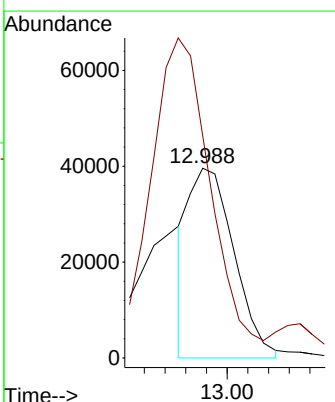
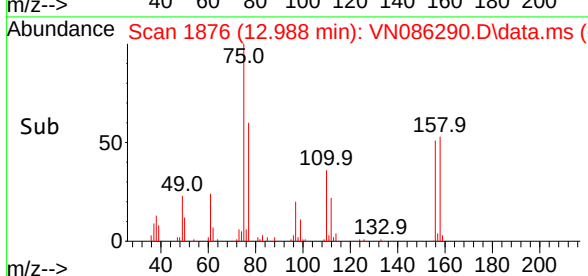
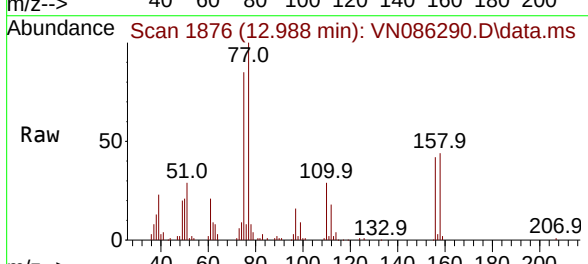
Tgt Ion:	83	Resp:	7075
Ion Ratio	Lower	Upper	
83	100		
131	9.1	4.7	14.1
85	63.2	32.7	98.1

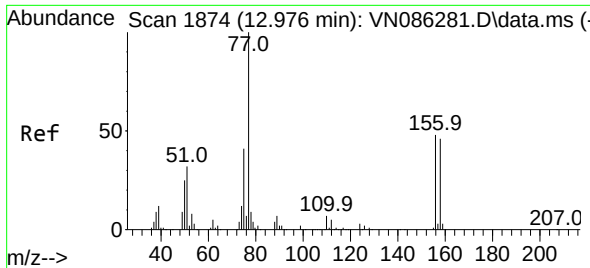
Manual Integrations
APPROVED
 Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025



#76
 1,2,3-Trichloropropane
 Concen: 18.917 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN086290.D
 Acq: 16 Apr 2025 12:26

Tgt Ion:	75	Resp:	60504
Ion Ratio	Lower	Upper	
75	100		
77	224.0	98.8	296.4





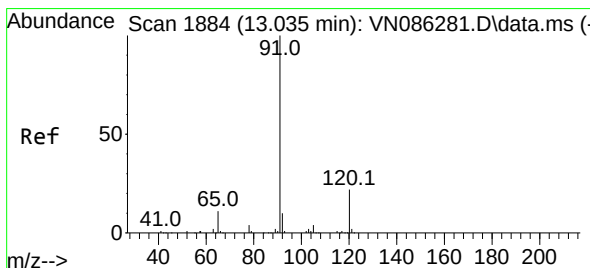
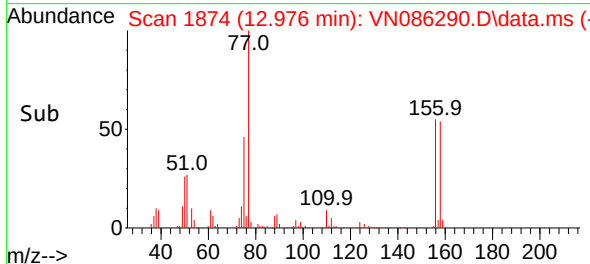
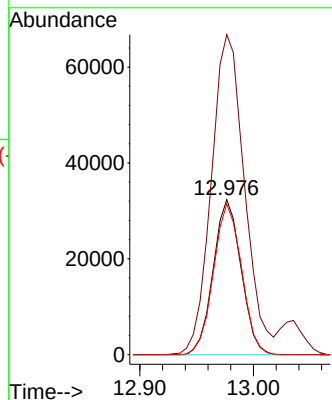
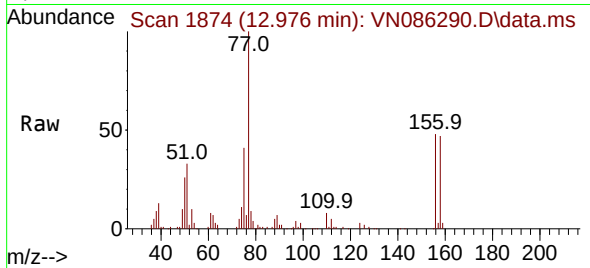
#77
Bromobenzene
Concen: 22.416 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tgt Ion:156 Resp: 5506
Ion Ratio Lower Upper
156 100
77 246.1 121.1 363.1
158 98.1 47.9 143.6

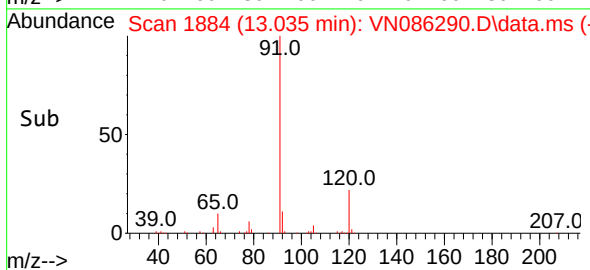
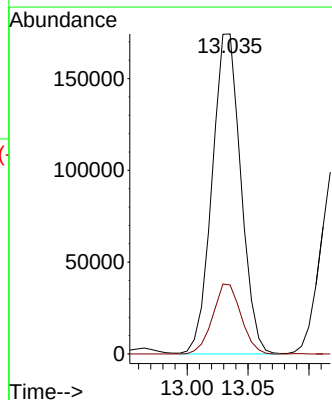
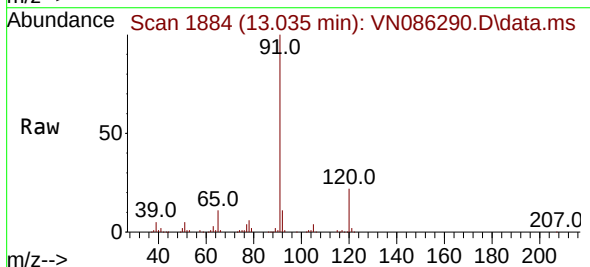
Manual Integrations
APPROVED

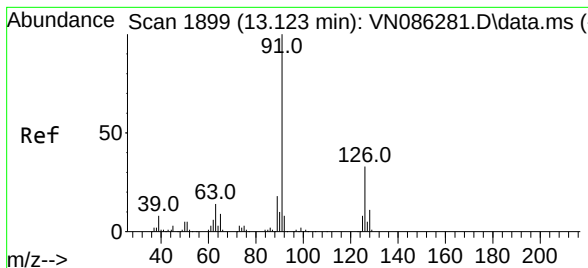
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#78
n-propylbenzene
Concen: 21.882 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Tgt Ion: 91 Resp: 285874
Ion Ratio Lower Upper
91 100
120 21.5 11.1 33.3





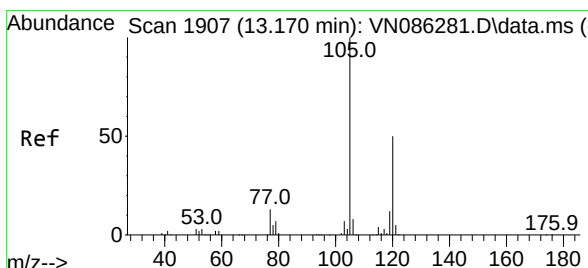
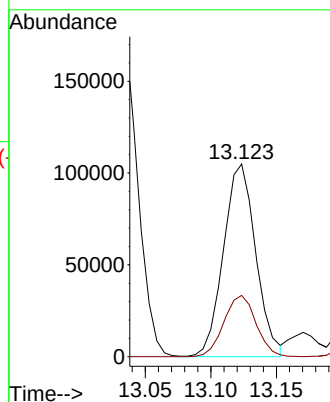
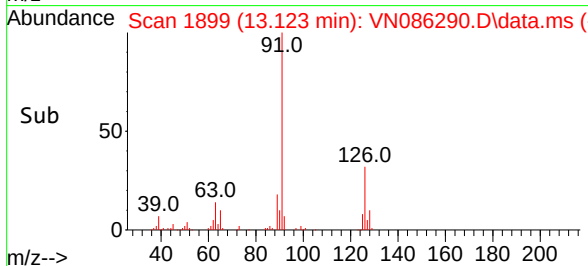
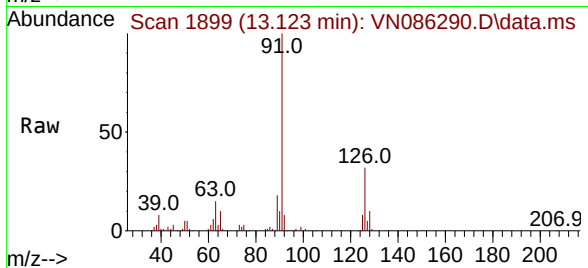
#79
2-Chlorotoluene
Concen: 21.989 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tgt Ion: 91 Resp: 179760
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.2

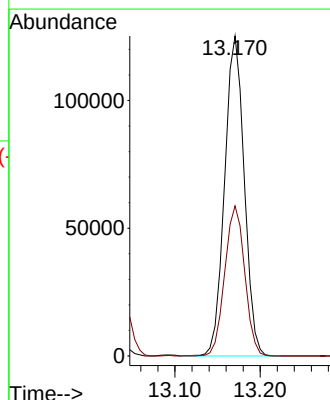
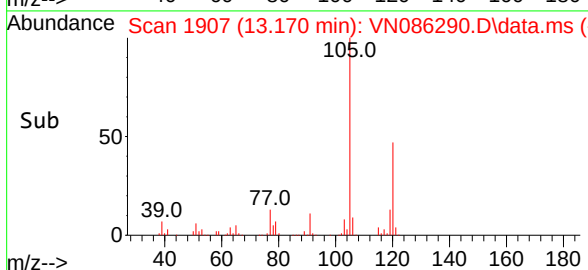
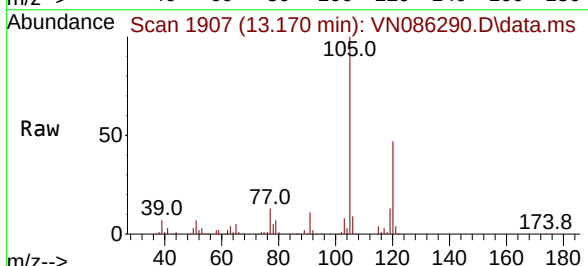
Manual Integrations
APPROVED

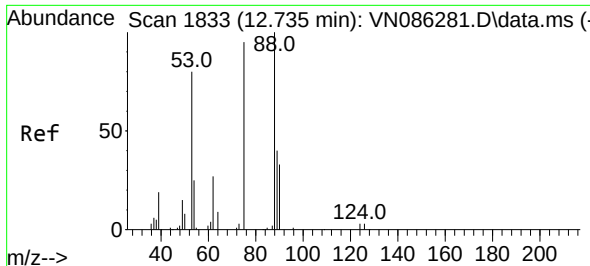
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#80
1,3,5-Trimethylbenzene
Concen: 22.068 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

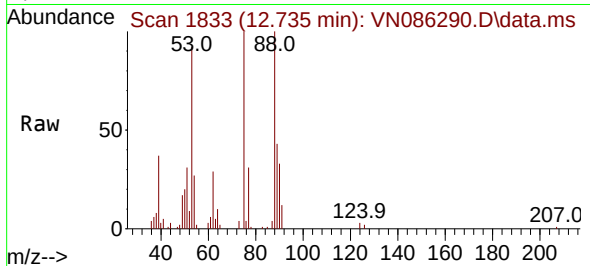
Tgt Ion:105 Resp: 200246
Ion Ratio Lower Upper
105 100
120 47.6 24.5 73.5





#81
trans-1,4-Dichloro-2-butene
Concen: 25.019 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

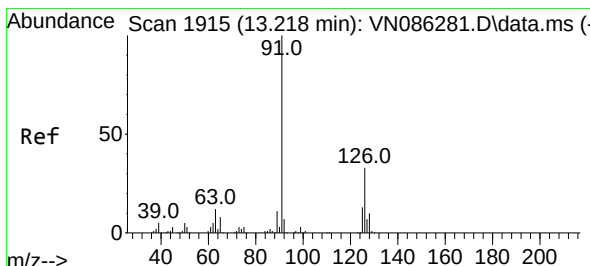
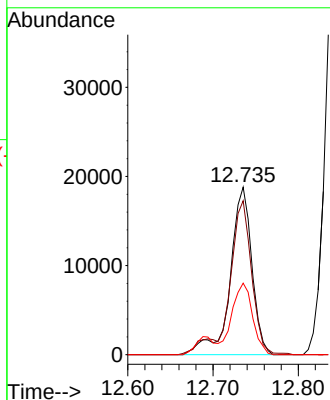
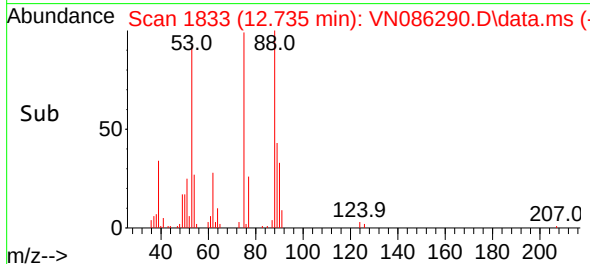
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion: 75 Resp: 33319
Ion Ratio Lower Upper
75 100
53 94.2 79.2 118.8
89 40.8 35.7 53.5

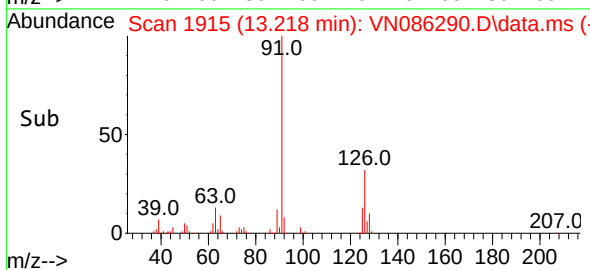
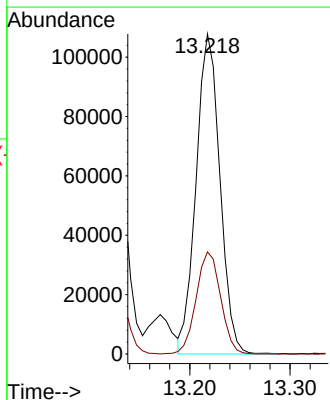
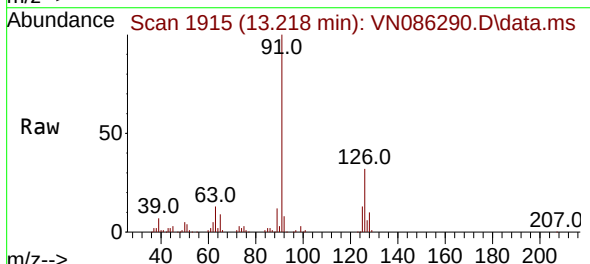
Manual Integrations
APPROVED

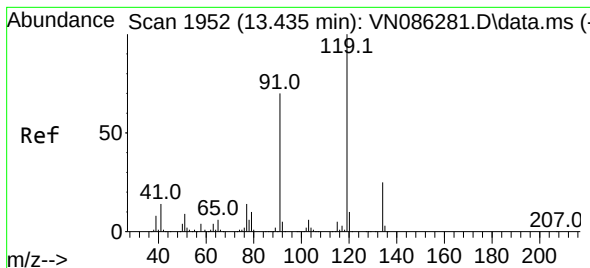
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#82
4-Chlorotoluene
Concen: 21.935 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

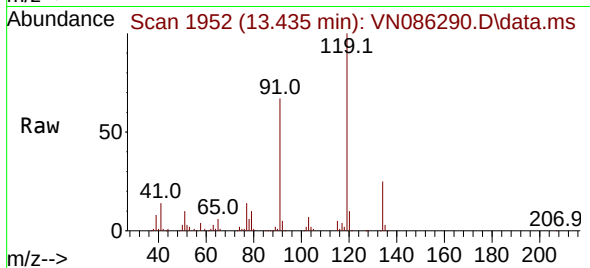
Tgt Ion: 91 Resp: 178126
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6





#83
tert-Butylbenzene
Concen: 21.326 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

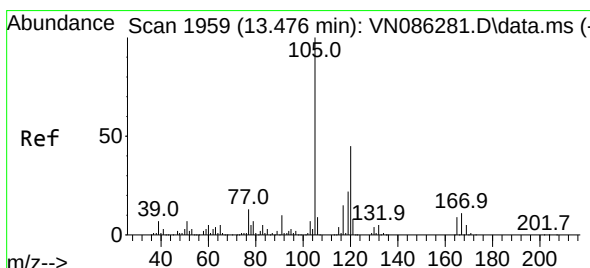
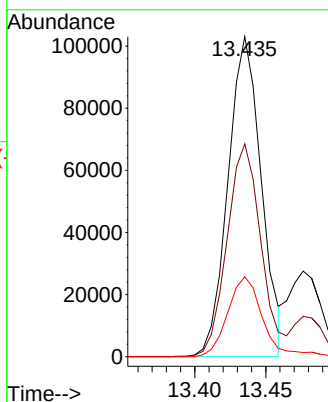
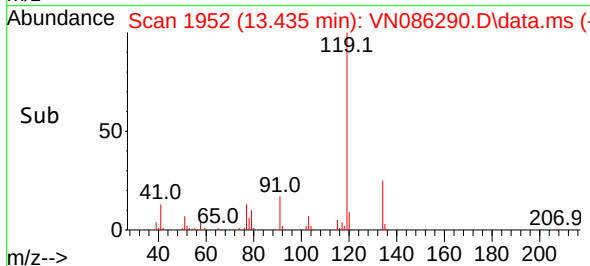
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



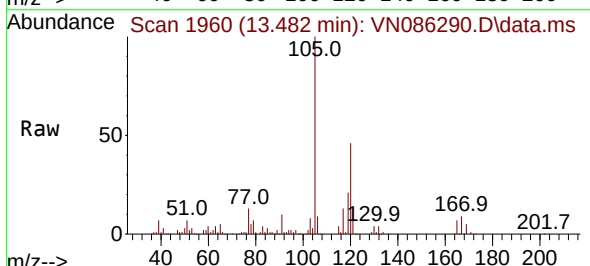
Tgt Ion:119 Resp: 167678
Ion Ratio Lower Upper
119 100
91 68.1 34.4 103.3
134 26.3 13.0 39.0

Manual Integrations
APPROVED

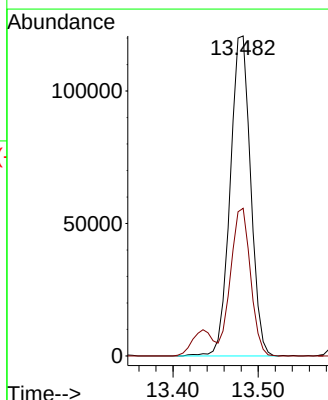
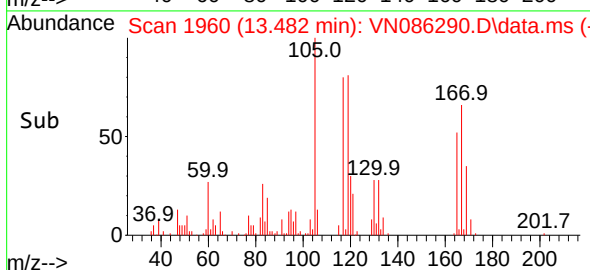
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

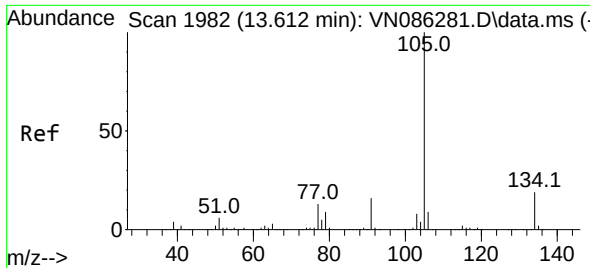


#84
1,2,4-Trimethylbenzene
Concen: 21.804 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26



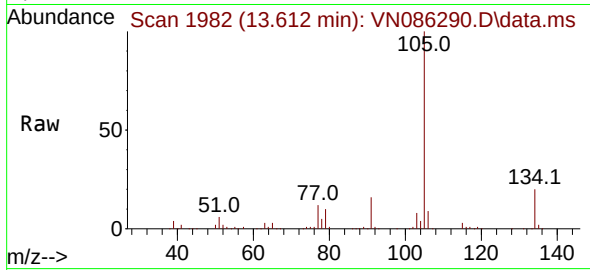
Tgt Ion:105 Resp: 201398
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 21.712 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086290.D
 Acq: 16 Apr 2025 12:26

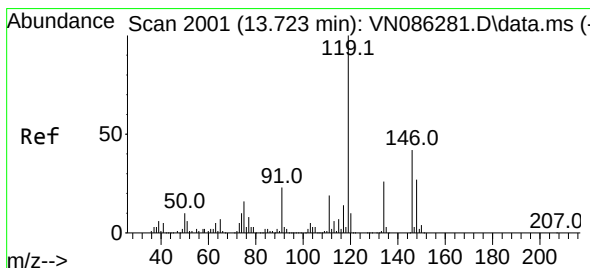
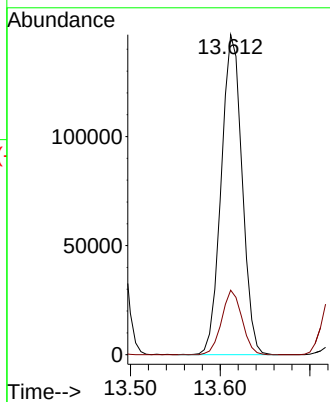
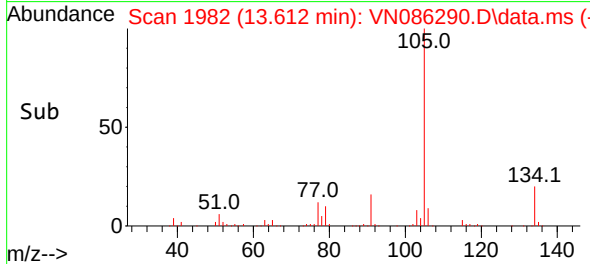
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02



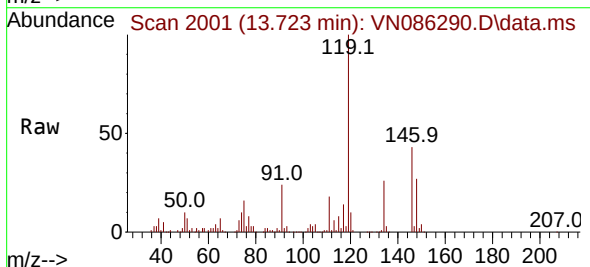
Tgt Ion:105 Resp: 236780
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1

Manual Integrations
 APPROVED

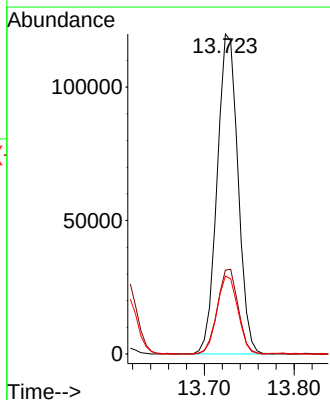
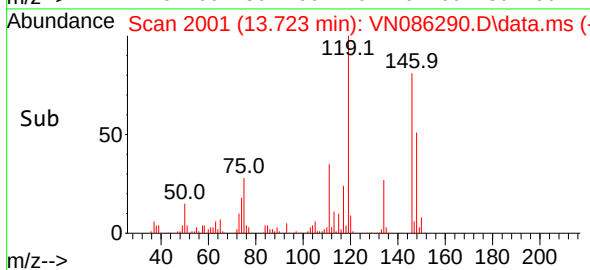
Reviewed By :John Carlone 04/17/2025
 Supervised By :Mahesh Dadoda 04/17/2025

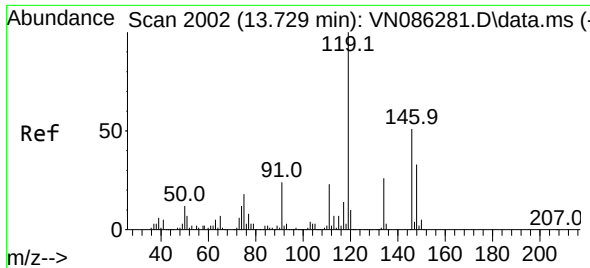


#86
 p-Isopropyltoluene
 Concen: 21.504 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN086290.D
 Acq: 16 Apr 2025 12:26



Tgt Ion:119 Resp: 193304
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.1
 91 24.4 11.9 35.9





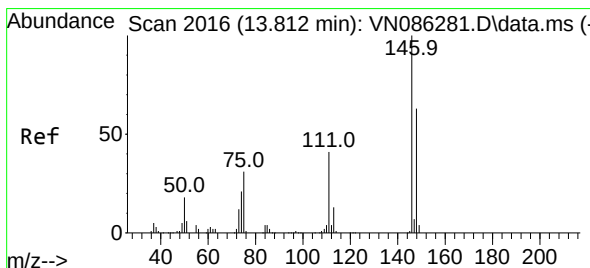
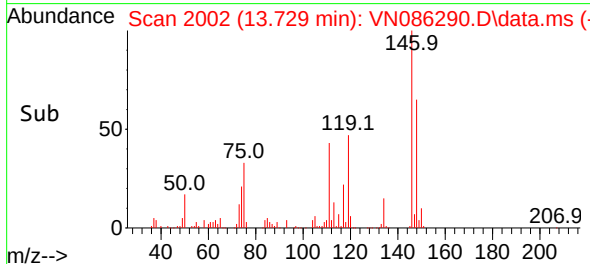
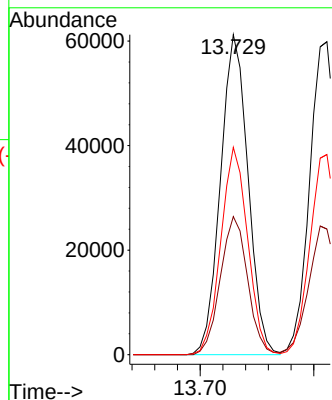
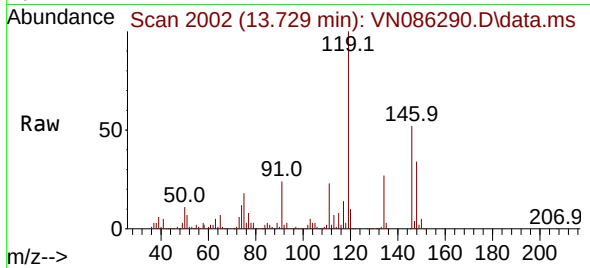
#87
1,3-Dichlorobenzene
Concen: 22.311 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tgt Ion:146 Resp: 103032
Ion Ratio Lower Upper
146 100
111 42.6 21.9 65.7
148 63.2 31.9 95.5

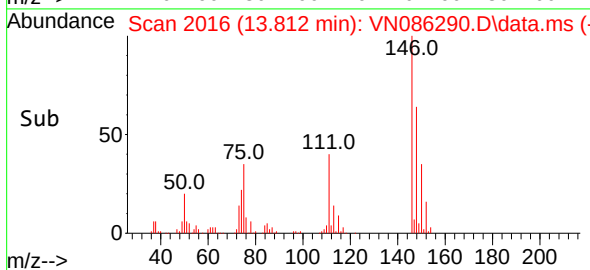
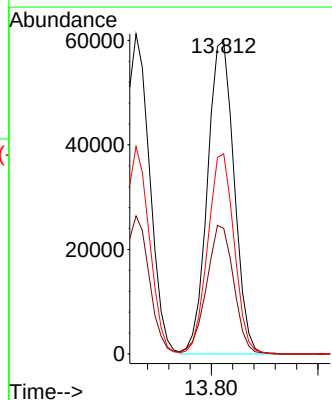
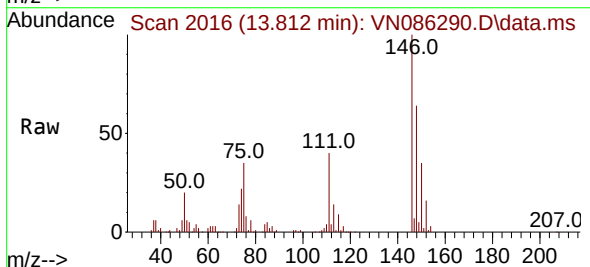
Manual Integrations
APPROVED

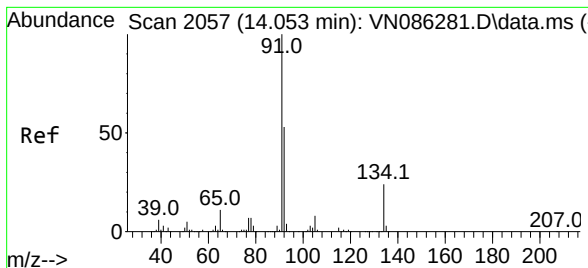
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#88
1,4-Dichlorobenzene
Concen: 22.359 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Tgt Ion:146 Resp: 103998
Ion Ratio Lower Upper
146 100
111 42.1 21.3 63.9
148 63.5 31.9 95.9





#89

n-Butylbenzene

Concen: 21.777 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN0416WBS02

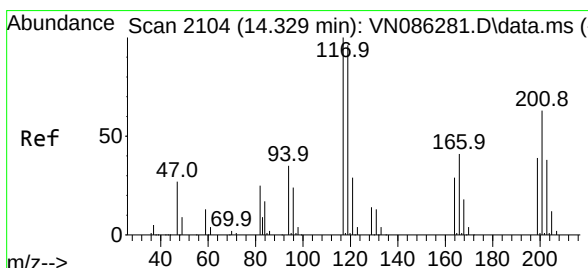
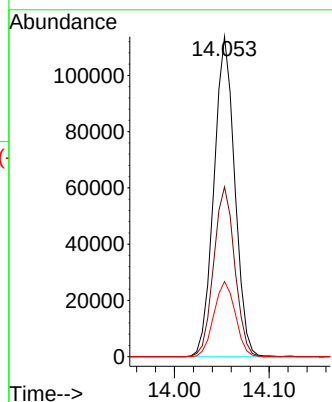
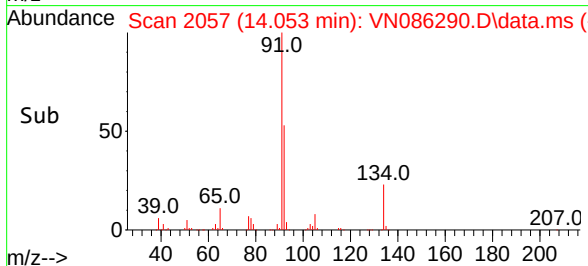
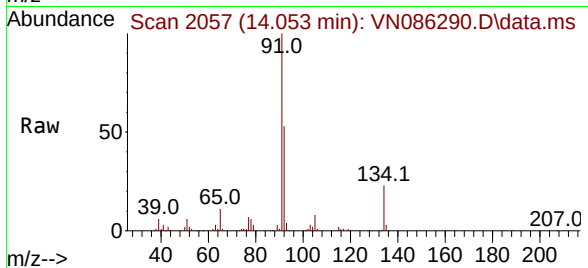
Tgt Ion:	91	Resp:	173518
Ion Ratio	Lower	Upper	
91	100		
92	53.6	26.8	80.4
134	24.1	12.2	36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/17/2025

Supervised By :Mahesh Dadoda 04/17/2025



#90

Hexachloroethane

Concen: 21.241 ug/l

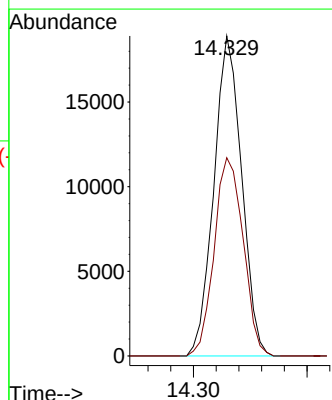
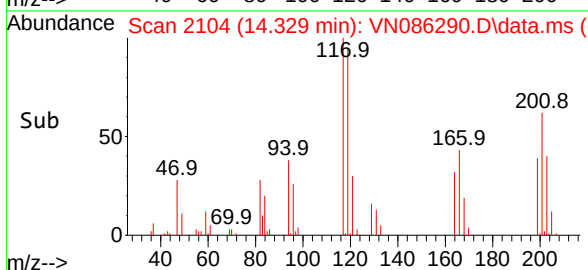
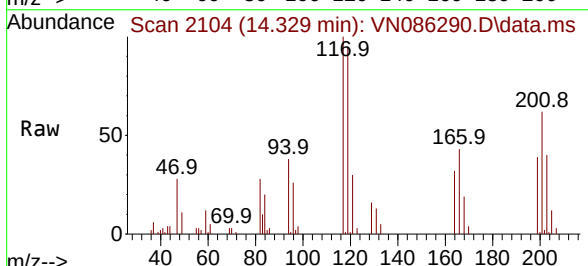
RT: 14.329 min Scan# 2104

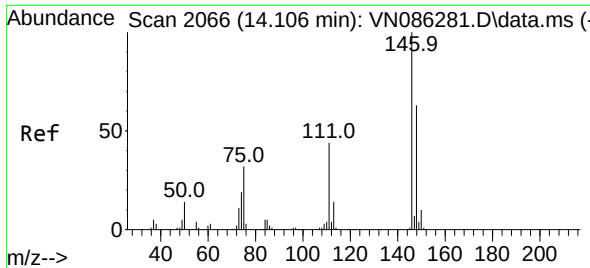
Delta R.T. 0.000 min

Lab File: VN086290.D

Acq: 16 Apr 2025 12:26

Tgt Ion:	117	Resp:	32118
Ion Ratio	Lower	Upper	
117	100		
201	64.5	31.4	94.2





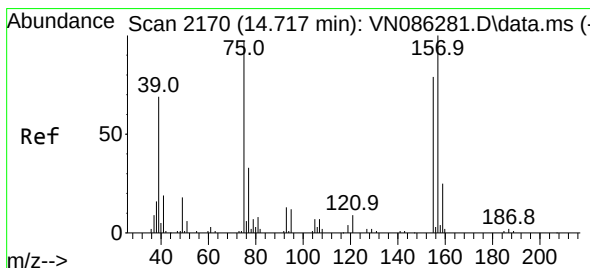
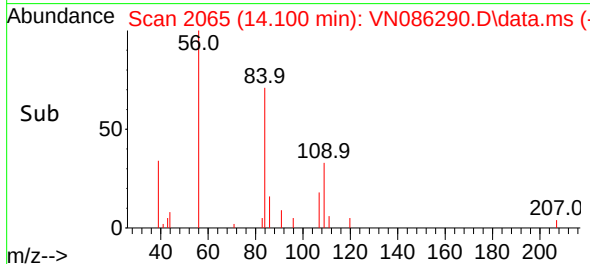
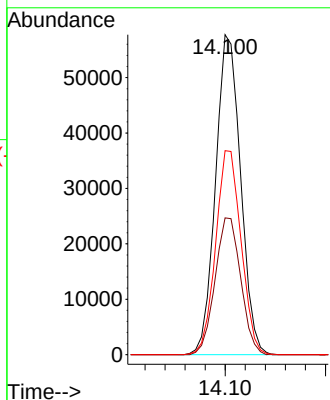
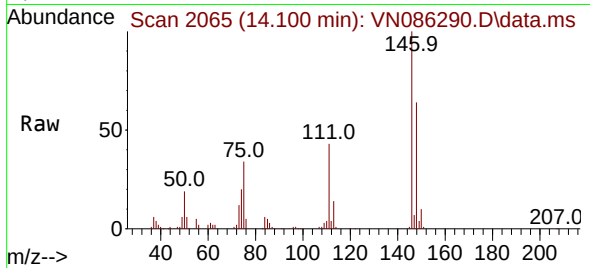
#91
1,2-Dichlorobenzene
Concen: 22.301 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Tgt Ion:146 Resp: 9984
Ion Ratio Lower Upper
146 100
111 43.8 22.4 67.0
148 64.8 31.8 95.4

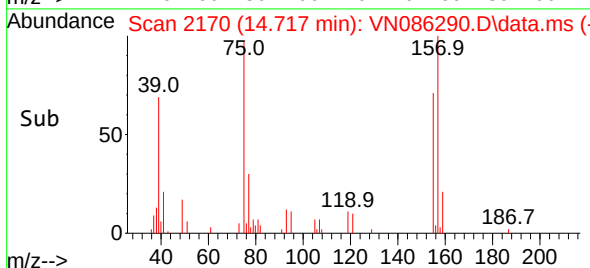
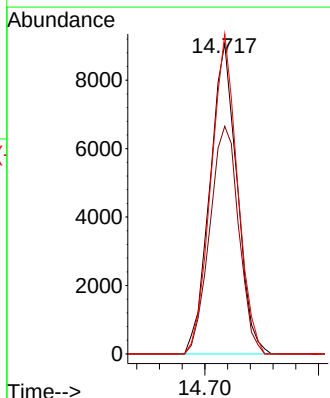
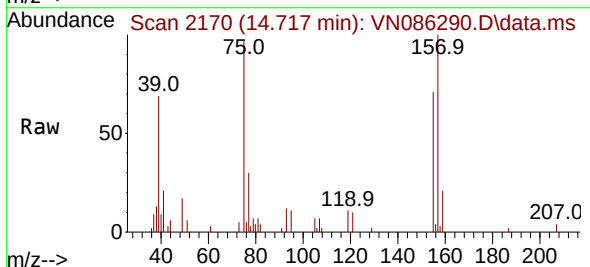
Manual Integrations
APPROVED

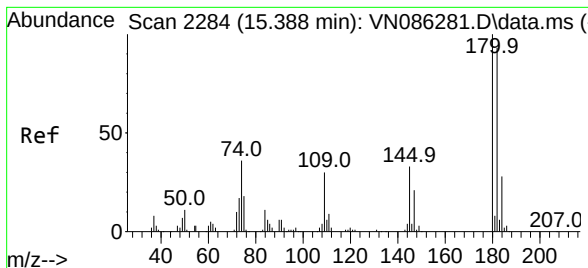
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.461 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

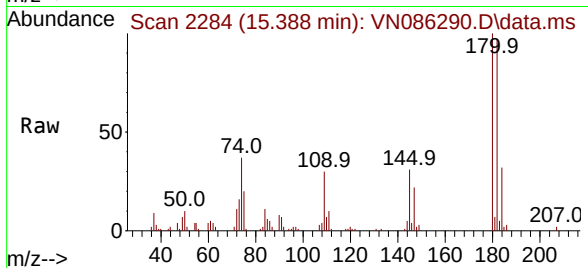
Tgt Ion: 75 Resp: 15080
Ion Ratio Lower Upper
75 100
155 78.0 40.3 120.9
157 100.1 49.0 147.2





#93
1,2,4-Trichlorobenzene
Concen: 23.366 ug/l
RT: 15.388 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

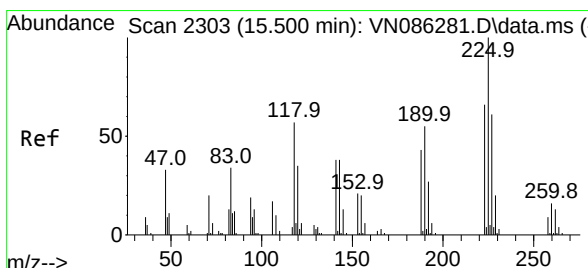
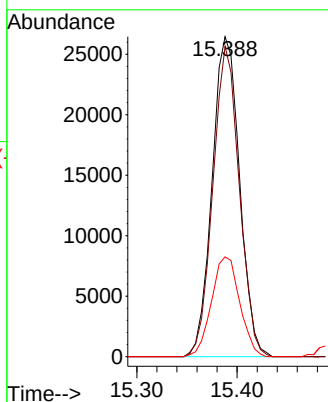
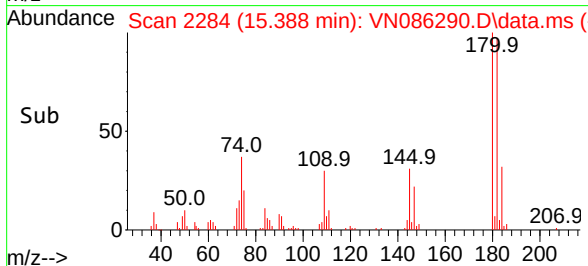
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



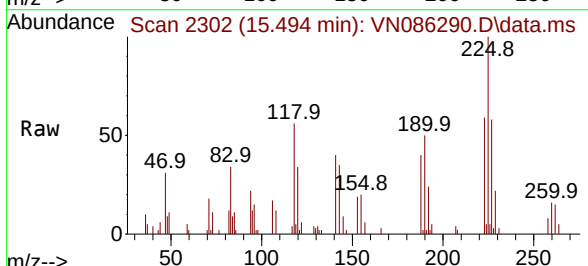
Tgt Ion:180 Resp: 5009
Ion Ratio Lower Upper
180 100
182 93.4 47.0 141.0
145 32.1 16.4 49.1

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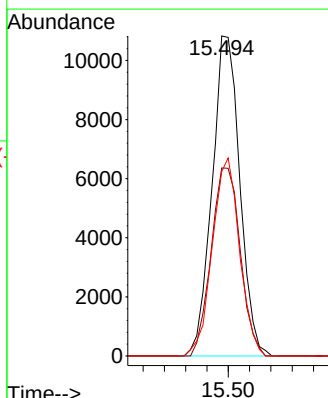
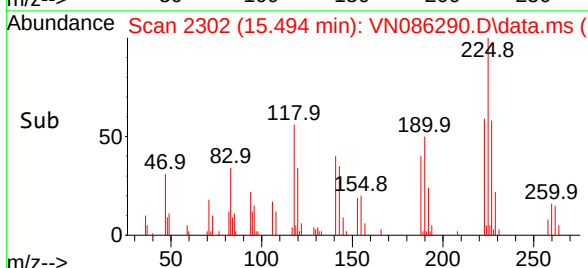
Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

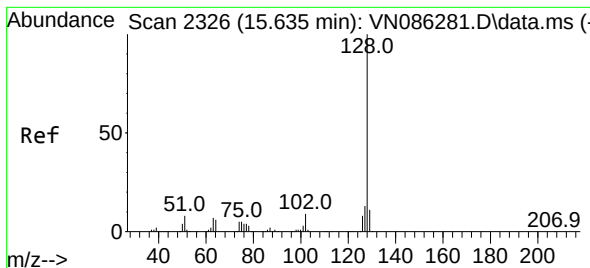


#94
Hexachlorobutadiene
Concen: 24.163 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26



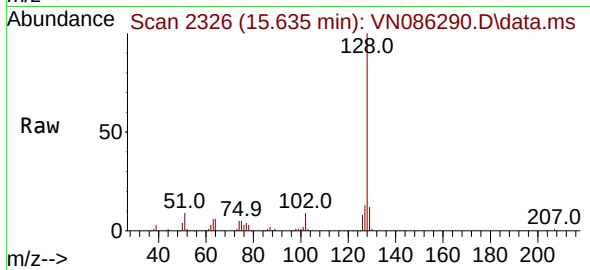
Tgt Ion:225 Resp: 19555
Ion Ratio Lower Upper
225 100
223 61.7 32.8 98.3
227 60.6 31.4 94.0





#95
Naphthalene
Concen: 23.405 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

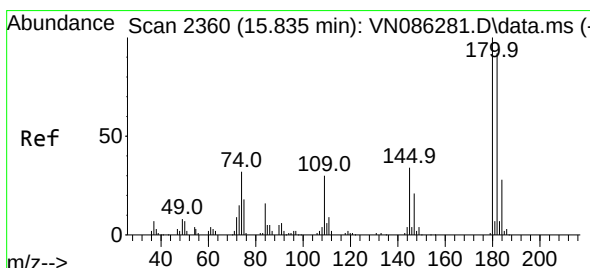
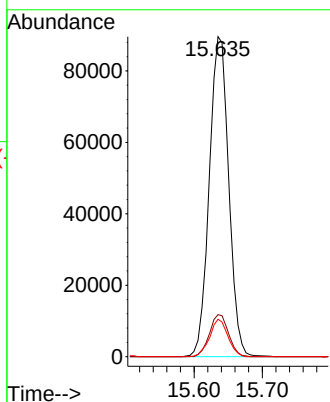
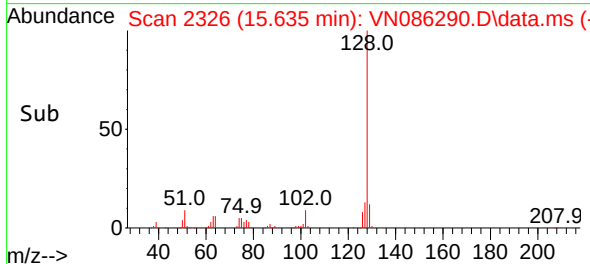
Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02



Tgt Ion:128 Resp: 177875
Ion Ratio Lower Upper
128 100
127 12.9 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: 23.082 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN086290.D
Acq: 16 Apr 2025 12:26

Tgt Ion:180 Resp: 46850
Ion Ratio Lower Upper
180 100
182 94.5 47.3 142.0
145 34.2 17.2 51.5

