

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031425\
 Data File : VN085990.D
 Acq On : 14 Mar 2025 15:33
 Operator : JC\MD
 Sample : VN0314WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/18/2025
 Supervised By : Mahesh Dadoda 03/18/2025

Quant Time: Mar 15 00:03:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	94871	46.629	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.260%		
35) Dibromofluoromethane	8.165	113	77553	46.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.920%		
50) Toluene-d8	10.565	98	272482	44.867	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.740%		
62) 4-Bromofluorobenzene	12.847	95	98087	49.020	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41379	19.385	ug/l	97
3) Chloromethane	2.359	50	32276	15.068	ug/l	95
4) Vinyl Chloride	2.512	62	33347	14.703	ug/l	97
5) Bromomethane	2.959	94	22048	15.204	ug/l	98
6) Chloroethane	3.118	64	20414	13.589	ug/l	95
7) Trichlorofluoromethane	3.500	101	62047	18.896	ug/l	99
8) Diethyl Ether	3.959	74	19771	18.609	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	34934	18.405	ug/l	99
10) Methyl Iodide	4.583	142	42366	18.108	ug/l	95
11) Tert butyl alcohol	5.512	59	22578	90.224	ug/l	96
12) 1,1-Dichloroethene	4.342	96	31007	18.017	ug/l	95
13) Acrolein	4.177	56	23912	64.437	ug/l	99
14) Allyl chloride	5.024	41	37331	16.521	ug/l	97
15) Acrylonitrile	5.718	53	72278	88.846	ug/l	98
16) Acetone	4.424	43	57306	89.014	ug/l	98
17) Carbon Disulfide	4.718	76	88001	17.253	ug/l	99
18) Methyl Acetate	5.018	43	32388	14.627	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	98596	19.279	ug/l	97
20) Methylene Chloride	5.277	84	35919	17.349	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	32869	17.737	ug/l	90
22) Diisopropyl ether	6.671	45	87820	17.200	ug/l	97
23) Vinyl Acetate	6.600	43	305400	87.360	ug/l	99
24) 1,1-Dichloroethane	6.565	63	60454	17.418	ug/l	98
25) 2-Butanone	7.483	43	82067	86.648	ug/l	100
26) 2,2-Dichloropropane	7.488	77	57474	18.622	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	37763	17.575	ug/l	98
28) Bromochloromethane	7.812	49	24187	16.955	ug/l	99
29) Tetrahydrofuran	7.841	42	53962	88.230	ug/l	95
30) Chloroform	7.965	83	66262	18.269	ug/l	99
31) Cyclohexane	8.253	56	51183	17.613	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	63080	19.553	ug/l	96
36) 1,1-Dichloropropene	8.371	75	44106	18.670	ug/l	99
37) Ethyl Acetate	7.553	43	34897	17.950	ug/l	97
38) Carbon Tetrachloride	8.359	117	58712	20.916	ug/l	99
39) Methylcyclohexane	9.600	83	41451	17.861	ug/l	97
40) Benzene	8.606	78	141258	18.656	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	17690	17.022	ug/l	91
42) 1,2-Dichloroethane	8.671	62	46811	18.980	ug/l	99
43) Isopropyl Acetate	8.682	43	64372	18.523	ug/l	100
44) Trichloroethene	9.347	130	32805	17.646	ug/l	95
45) 1,2-Dichloropropane	9.618	63	33355	18.250	ug/l	97
46) Dibromomethane	9.706	93	24700	19.160	ug/l	98
47) Bromodichloromethane	9.888	83	52516	19.041	ug/l	98
48) Methyl methacrylate	9.677	41	25862	17.912	ug/l	91
49) 1,4-Dioxane	9.694	88	11312	412.008	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	174749	93.230	ug/l	96
52) Toluene	10.629	92	88815	20.011	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	50486	19.795	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	54573	19.514	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	33283	18.861	ug/l	98
56) Ethyl methacrylate	10.871	69	43946	18.928	ug/l	95
57) 1,3-Dichloropropane	11.159	76	55724	18.916	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	73925	87.634	ug/l	95
59) 2-Hexanone	11.194	43	123960	96.132	ug/l	97
60) Dibromochloromethane	11.353	129	41377	20.136	ug/l	100
61) 1,2-Dibromoethane	11.471	107	32181	19.301	ug/l	99
64) Tetrachloroethene	11.100	164	33950	19.716	ug/l	94
65) Chlorobenzene	11.888	112	95081	18.673	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	37224	20.338	ug/l	95
67) Ethyl Benzene	11.959	91	155543	19.501	ug/l	98
68) m/p-Xylenes	12.071	106	126038	41.600	ug/l	100
69) o-Xylene	12.394	106	57845	20.091	ug/l	99
70) Styrene	12.412	104	97252	19.621	ug/l	97
71) Bromoform	12.576	173	28759	21.147	ug/l #	96
73) Isopropylbenzene	12.694	105	146792	19.327	ug/l	99
74) N-amyl acetate	12.488	43	46970	17.537	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	46448	17.772	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	44227m	17.959	ug/l	
77) Bromobenzene	12.976	156	39229	19.118	ug/l	99
78) n-propylbenzene	13.035	91	170577	19.611	ug/l	100
79) 2-Chlorotoluene	13.123	91	111806	19.239	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	126817	20.498	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	15717	18.622	ug/l	93
82) 4-Chlorotoluene	13.217	91	112694	19.560	ug/l	98
83) tert-Butylbenzene	13.435	119	100612	19.339	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	126724	20.703	ug/l	99
85) sec-Butylbenzene	13.612	105	141080	19.192	ug/l	99
86) p-Isopropyltoluene	13.729	119	114170	18.251	ug/l	97
87) 1,3-Dichlorobenzene	13.729	146	71577	18.618	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	69601	17.664	ug/l	97
89) n-Butylbenzene	14.053	91	90459	17.333	ug/l	97
90) Hexachloroethane	14.329	117	25309	18.180	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	68456	18.517	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8410	17.524	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	30891	17.536	ug/l	99
94) Hexachlorobutadiene	15.494	225	17494	16.341	ug/l	98
95) Naphthalene	15.635	128	80746	16.696	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	30426	17.205	ug/l	98

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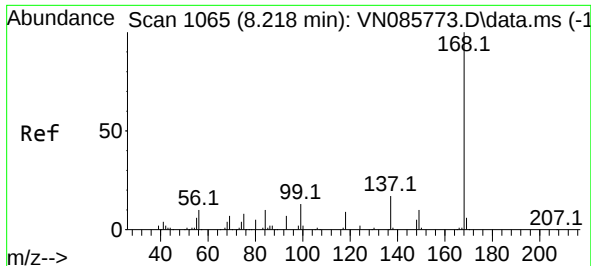
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

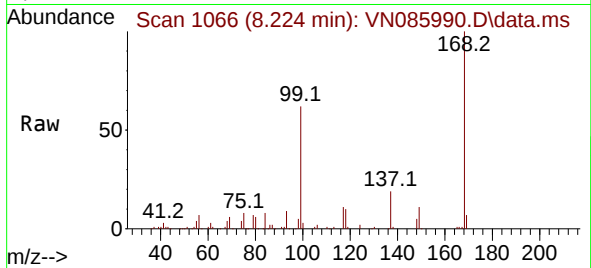
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085990.D
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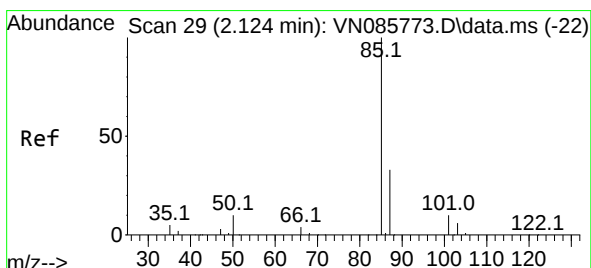
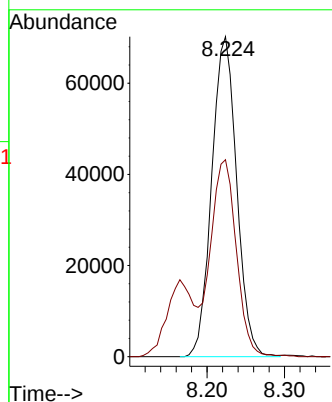
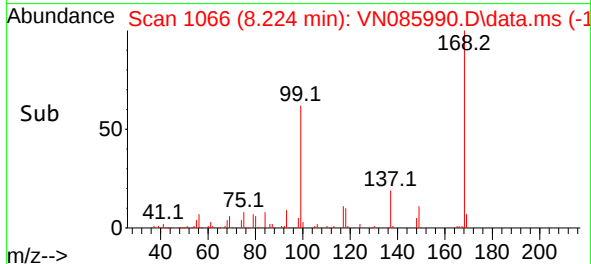
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion:168 Resp: 15693
Ion Ratio Lower Upper
168 100
99 61.2 47.9 71.9

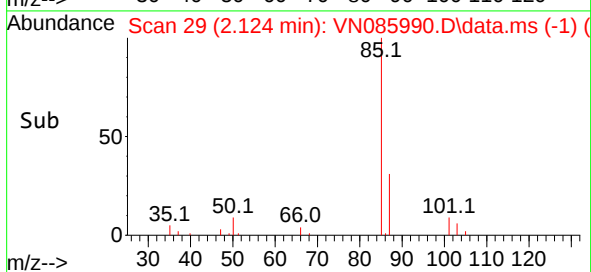
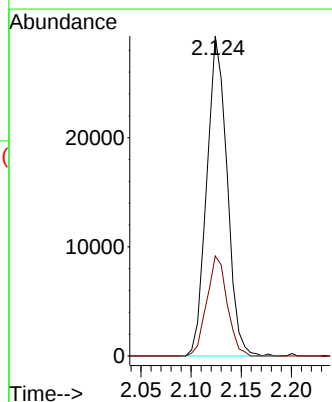
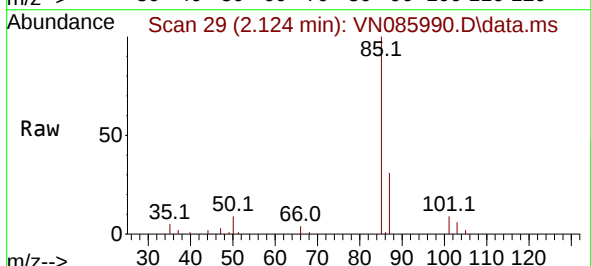
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#2
Dichlorodifluoromethane
Concen: 19.385 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

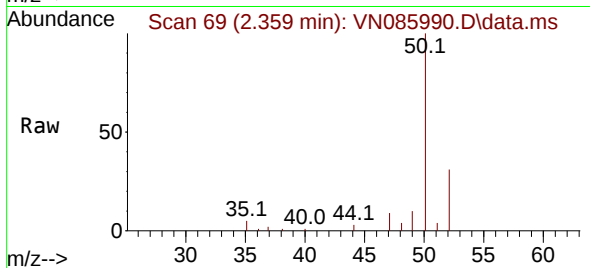
Tgt Ion: 85 Resp: 41379
Ion Ratio Lower Upper
85 100
87 31.3 16.4 49.2





#3
Chloromethane
Concen: 15.068 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

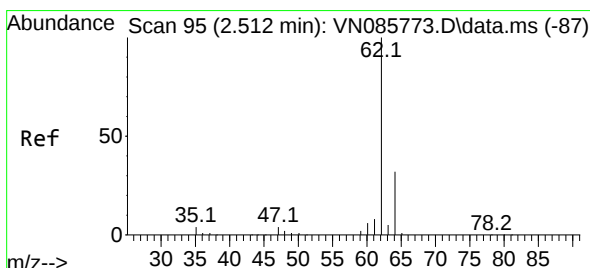
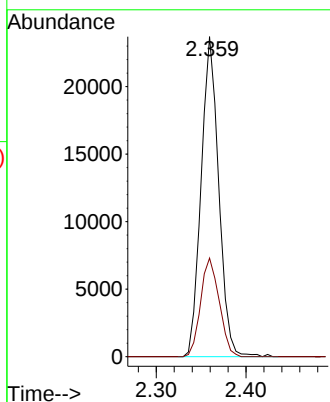
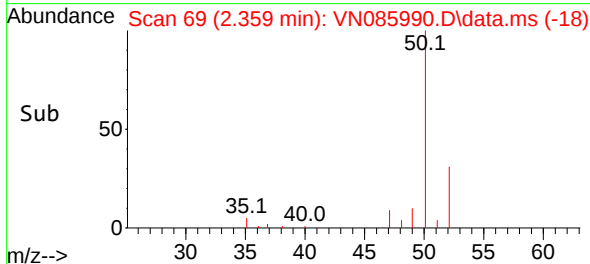
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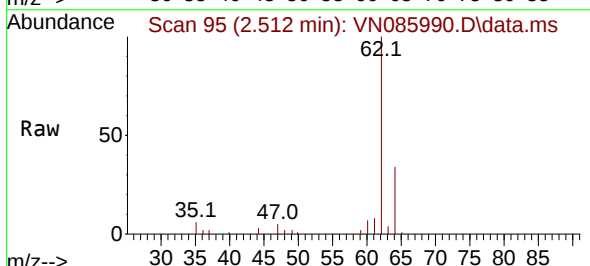
Tgt Ion: 50 Resp: 32270
Ion Ratio Lower Upper
50 100
52 30.8 26.7 40.1

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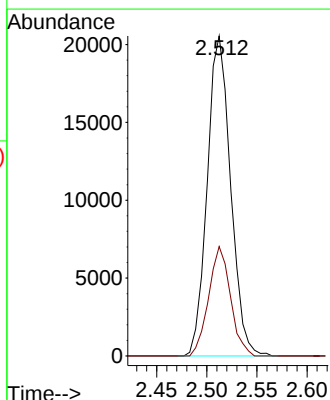
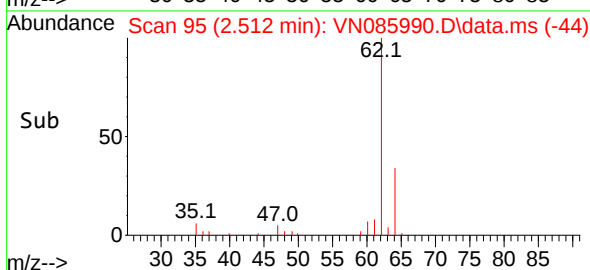
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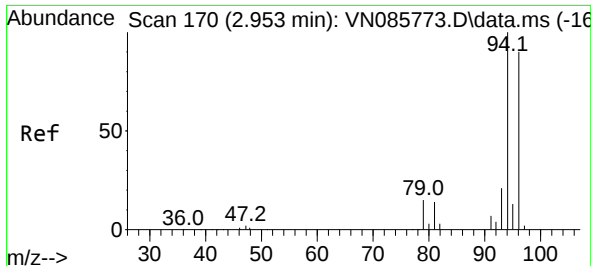


#4
Vinyl Chloride
Concen: 14.703 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



Tgt Ion: 62 Resp: 33347
Ion Ratio Lower Upper
62 100
64 34.2 25.9 38.9





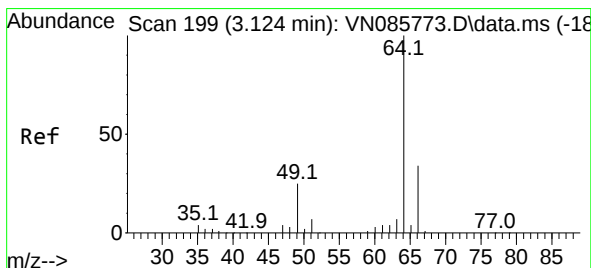
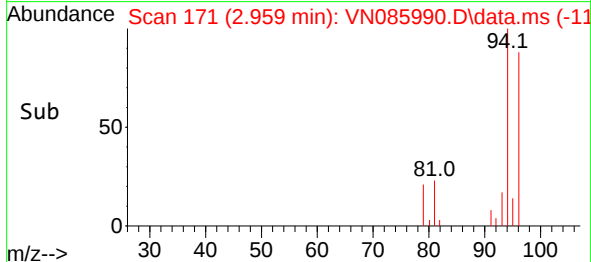
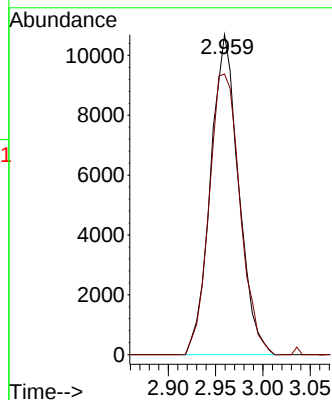
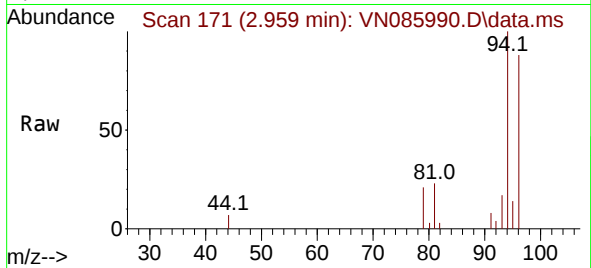
#5
Bromomethane
Concen: 15.204 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

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Tgt Ion: 94 Resp: 22048
Ion Ratio Lower Upper
94 100
96 87.7 71.7 107.5

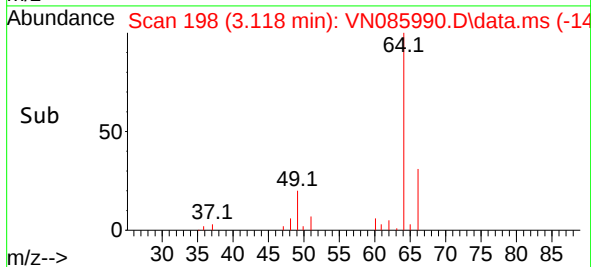
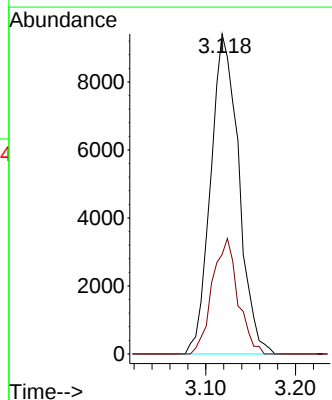
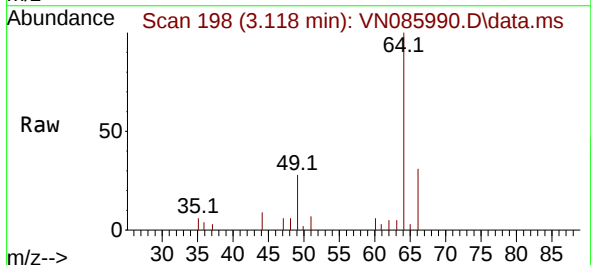
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#6
Chloroethane
Concen: 13.589 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Tgt Ion: 64 Resp: 20414
Ion Ratio Lower Upper
64 100
66 31.1 27.0 40.6





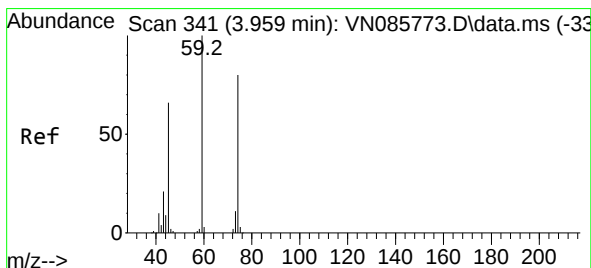
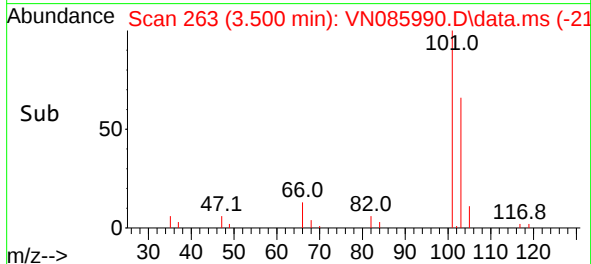
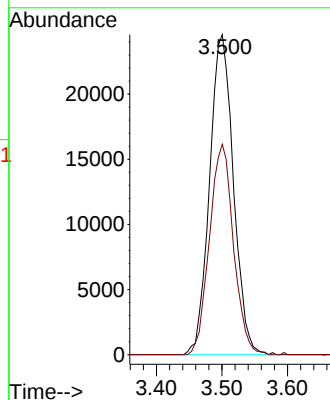
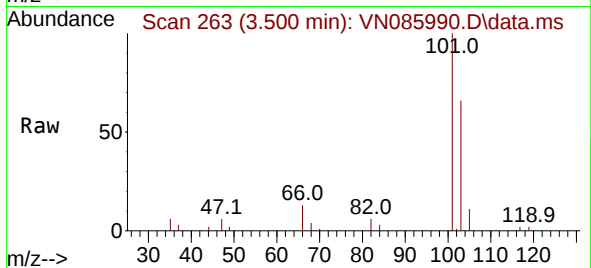
#7
 Trichlorofluoromethane
 Concen: 18.896 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. -0.000 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

Instrument :
 MSVOA_N
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Tgt Ion:101 Resp: 6204
 Ion Ratio Lower Upper
 101 100
 103 65.7 52.2 78.4

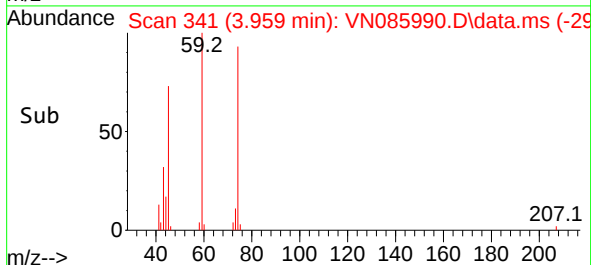
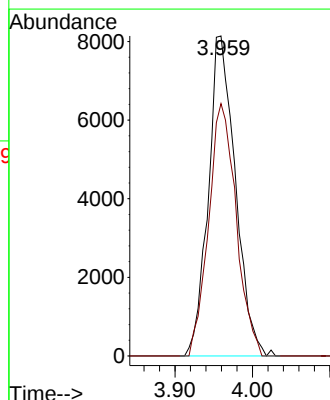
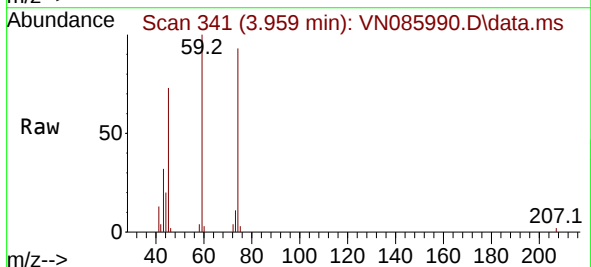
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#8
 Diethyl Ether
 Concen: 18.609 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085990.D
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Tgt Ion: 74 Resp: 19771
 Ion Ratio Lower Upper
 74 100
 45 80.1 42.5 127.6





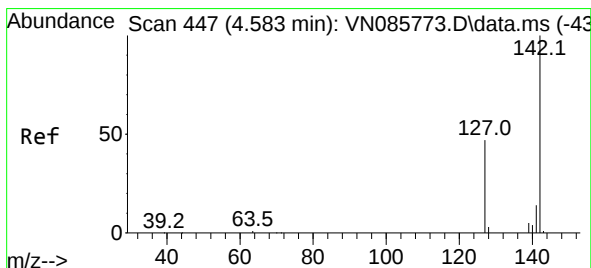
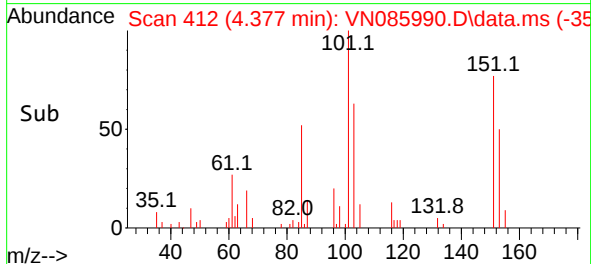
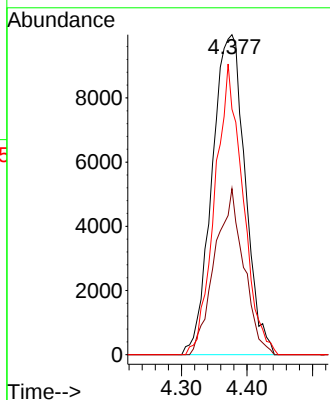
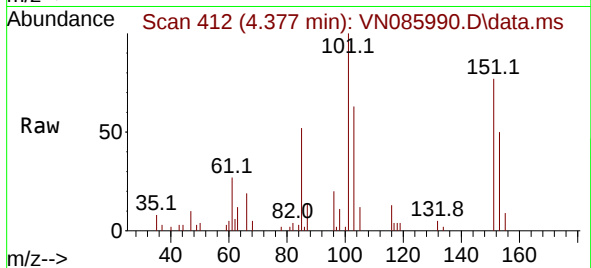
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.405 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN085990.D
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Tgt Ion:101 Resp: 34934
Ion Ratio Lower Upper
101 100
85 45.6 35.7 53.5
151 77.2 61.4 92.2

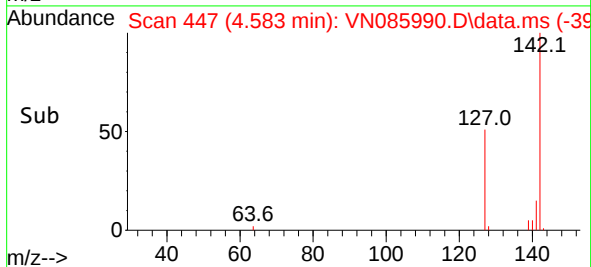
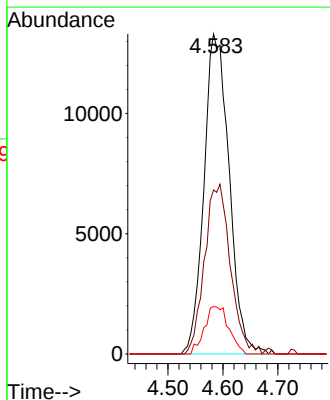
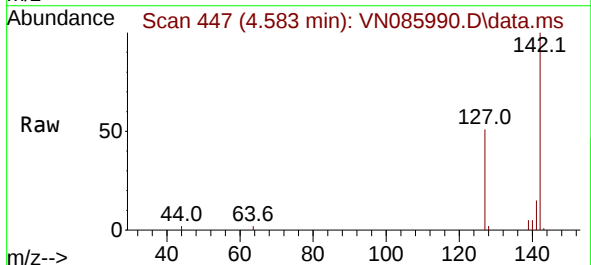
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#10
Methyl Iodide
Concen: 18.108 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

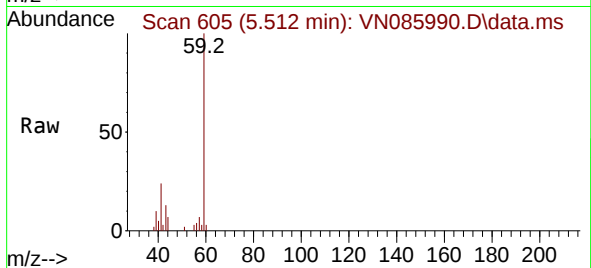
Tgt Ion:142 Resp: 42366
Ion Ratio Lower Upper
142 100
127 51.2 37.6 56.4
141 14.8 11.4 17.2





#11
Tert butyl alcohol
Concen: 90.224 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

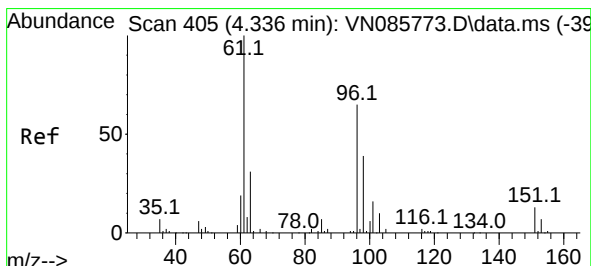
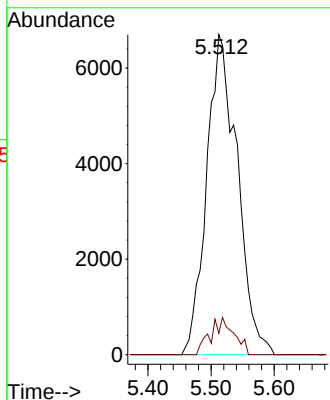
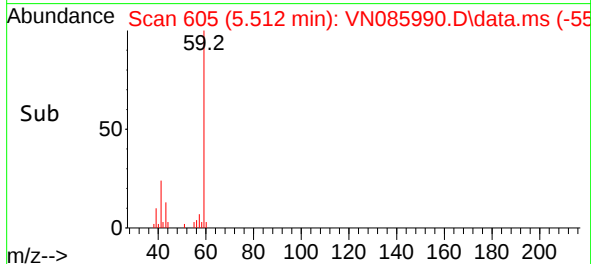
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



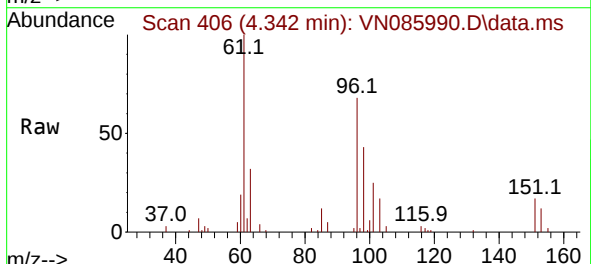
Tgt Ion: 59 Resp: 22578
Ion Ratio Lower Upper
59 100
57 8.8 8.3 12.5

Manual Integrations
APPROVED

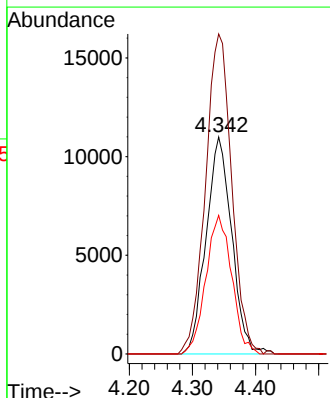
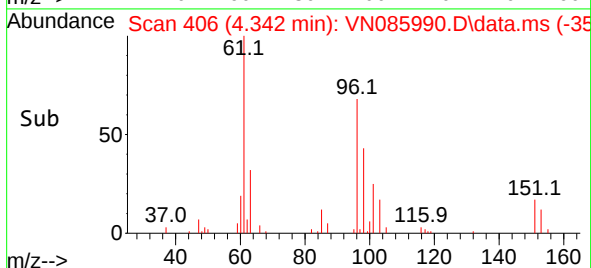
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

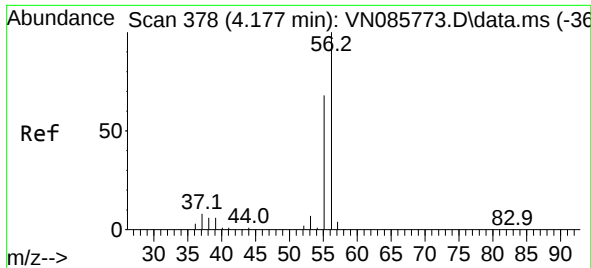


#12
1,1-Dichloroethene
Concen: 18.017 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



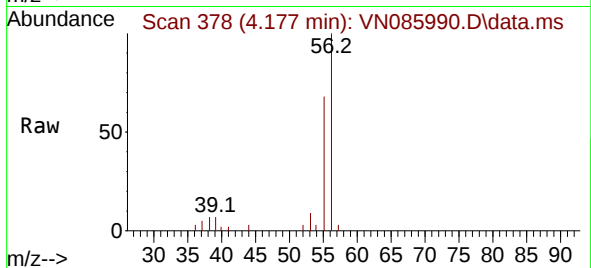
Tgt Ion: 96 Resp: 31007
Ion Ratio Lower Upper
96 100
61 147.5 123.3 184.9
98 63.9 48.6 72.8





#13
Acrolein
Concen: 64.437 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

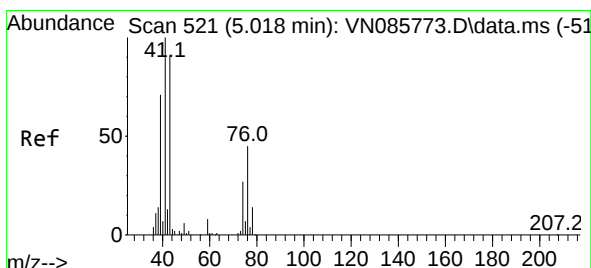
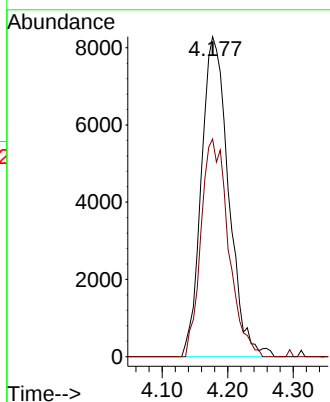
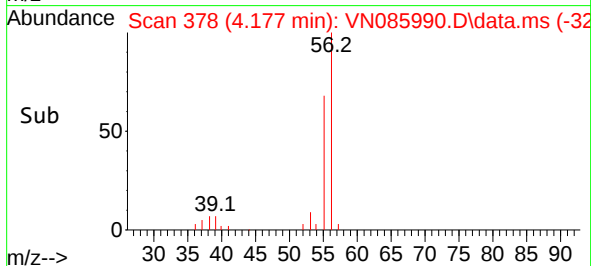
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



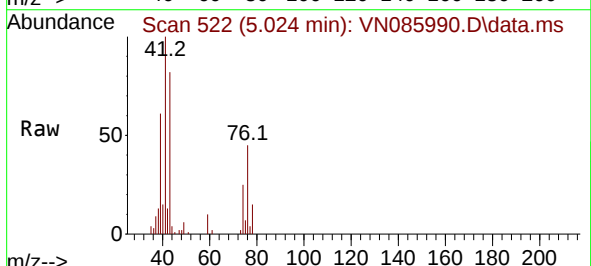
Tgt Ion: 56 Resp: 2391
Ion Ratio Lower Upper
56 100
55 68.5 55.3 82.9

Manual Integrations
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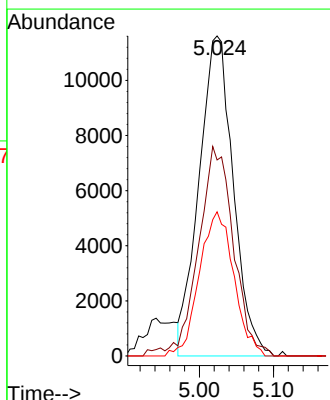
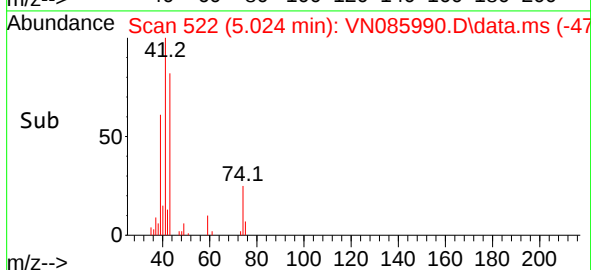
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

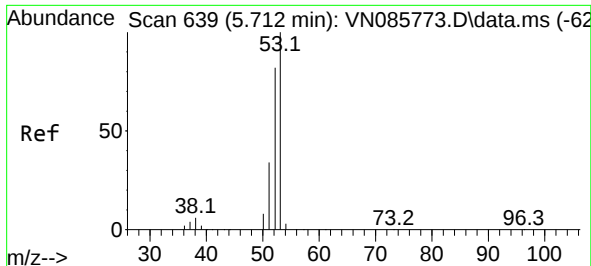


#14
Allyl chloride
Concen: 16.521 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



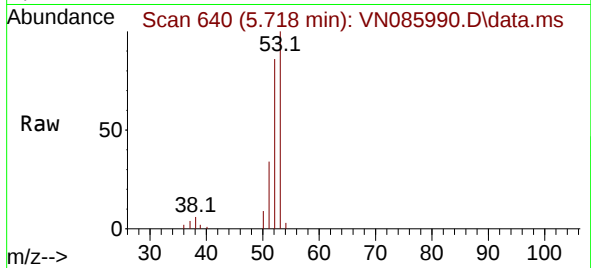
Tgt Ion: 41 Resp: 37331
Ion Ratio Lower Upper
41 100
39 67.4 57.4 86.2
76 45.3 36.2 54.2





#15
Acrylonitrile
Concen: 88.846 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

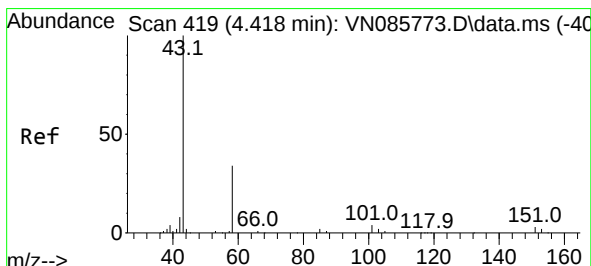
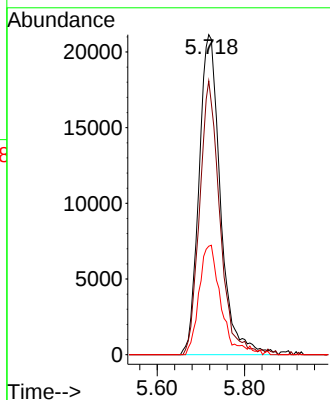
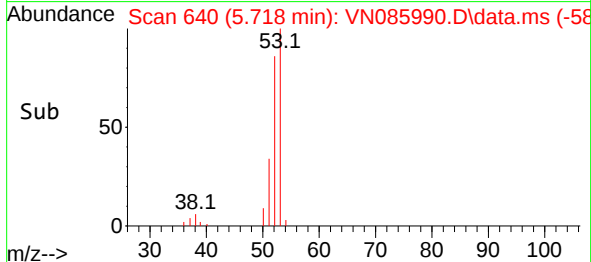
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



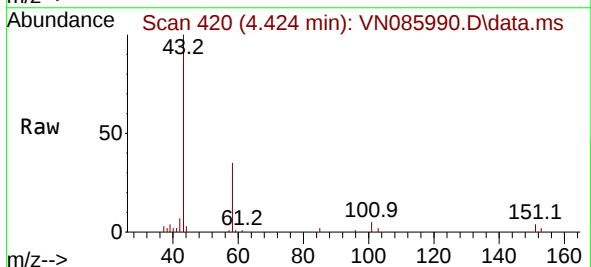
Tgt Ion: 53 Resp: 72278
Ion Ratio Lower Upper
53 100
52 80.2 65.8 98.6
51 35.0 28.6 42.8

Manual Integrations
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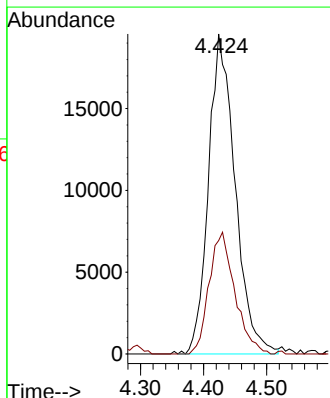
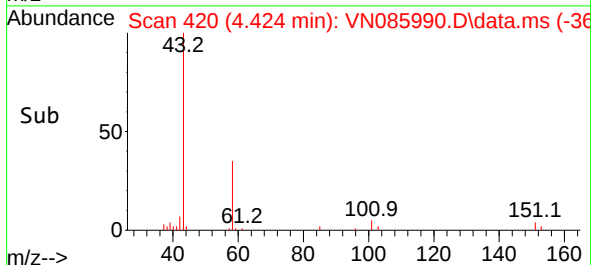
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

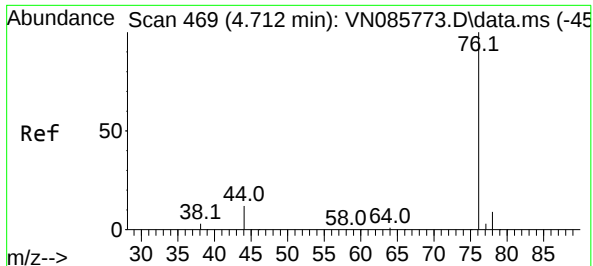


#16
Acetone
Concen: 89.014 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



Tgt Ion: 43 Resp: 57306
Ion Ratio Lower Upper
43 100
58 35.4 27.5 41.3





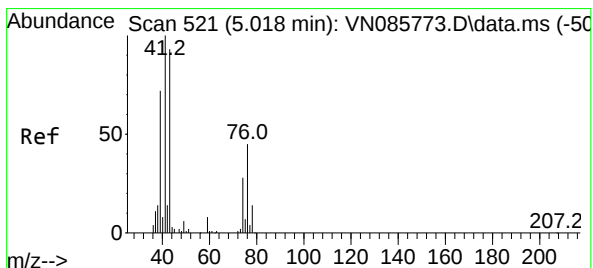
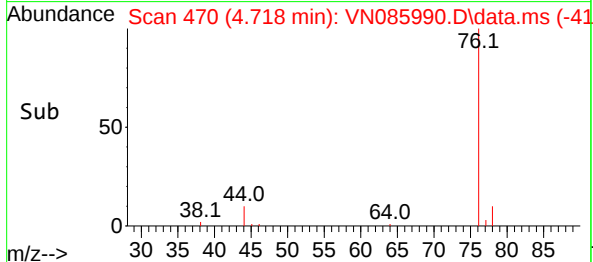
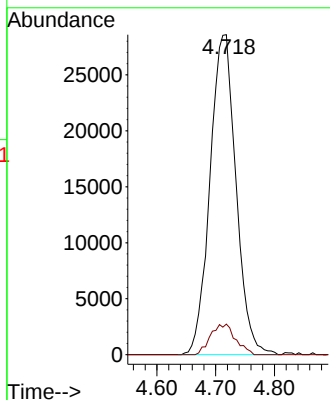
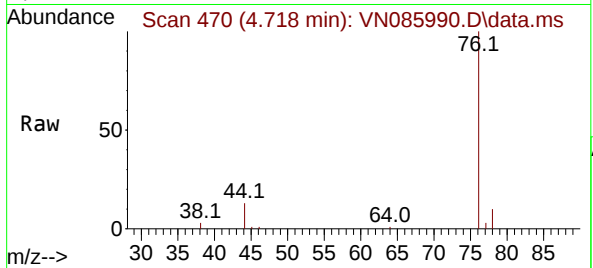
#17
Carbon Disulfide
Concen: 17.253 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 76 Resp: 8800
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

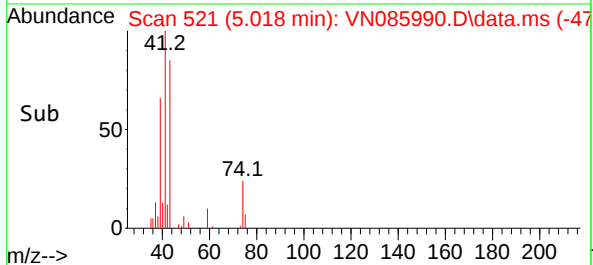
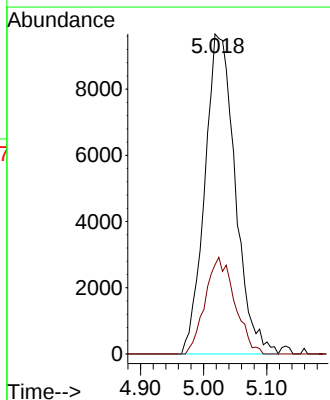
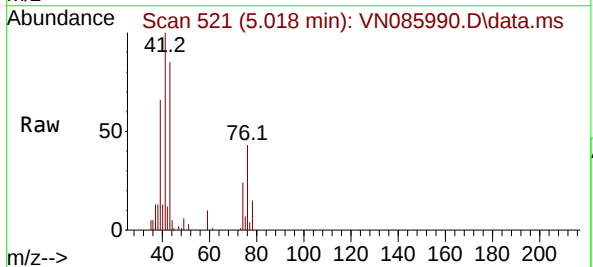
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#18
Methyl Acetate
Concen: 14.627 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Tgt Ion: 43 Resp: 32388
Ion Ratio Lower Upper
43 100
74 29.4 22.2 33.4





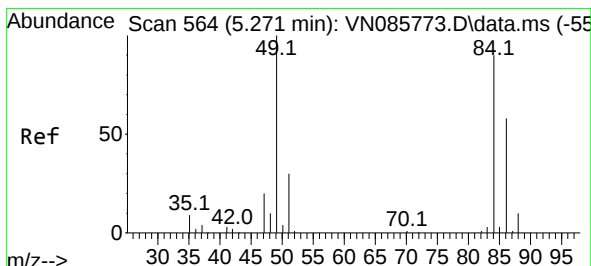
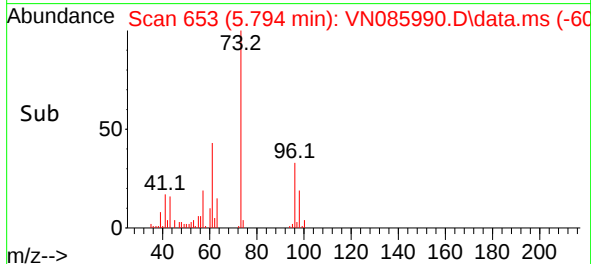
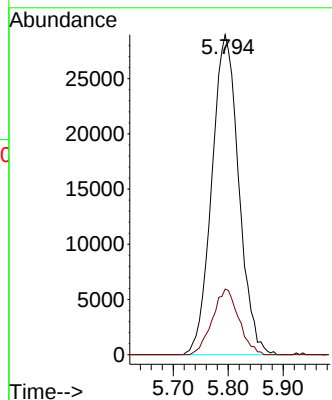
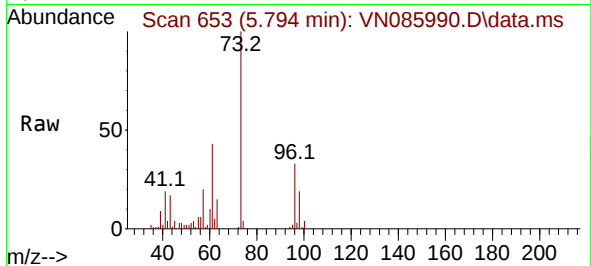
#19
Methyl tert-butyl Ether
Concen: 19.279 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 73 Resp: 98590
Ion Ratio Lower Upper
73 100
57 20.5 17.6 26.4

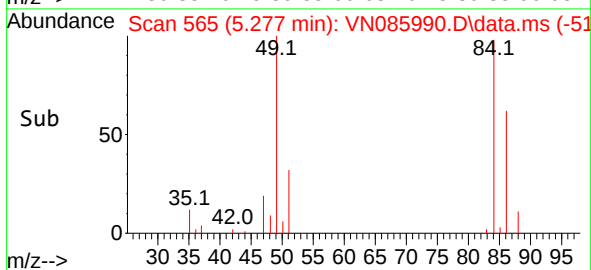
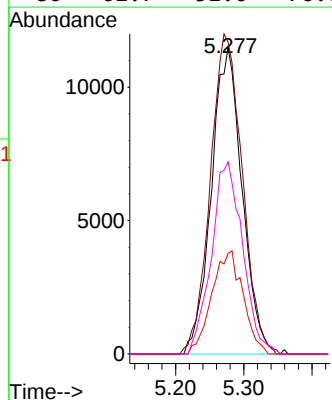
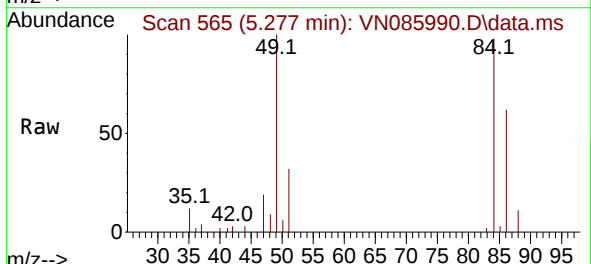
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#20
Methylene Chloride
Concen: 17.349 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

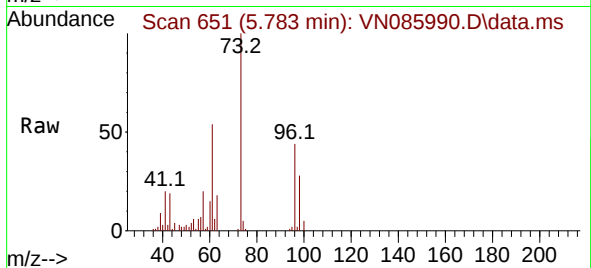
Tgt Ion: 84 Resp: 35919
Ion Ratio Lower Upper
84 100
49 101.9 88.4 132.6
51 32.8 26.6 40.0
86 62.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 17.737 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

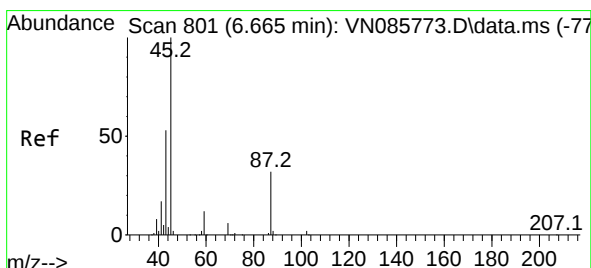
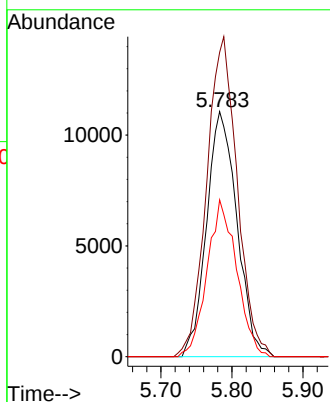
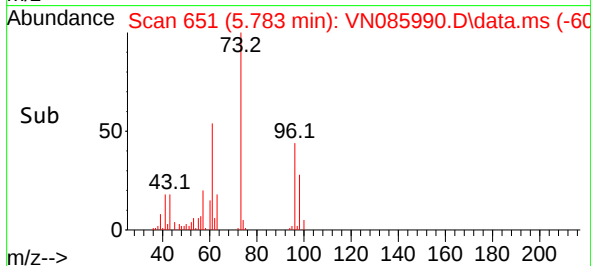
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



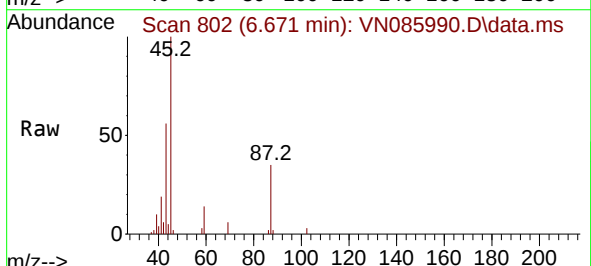
Tgt Ion: 96 Resp: 32869
Ion Ratio Lower Upper
96 100
61 124.2 112.6 168.8
98 63.9 53.3 79.9

Manual Integrations
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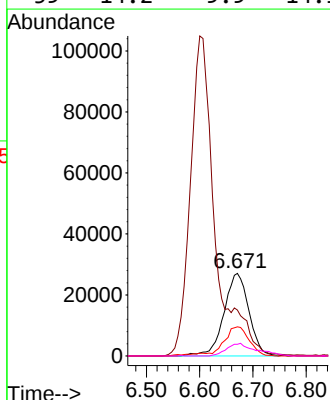
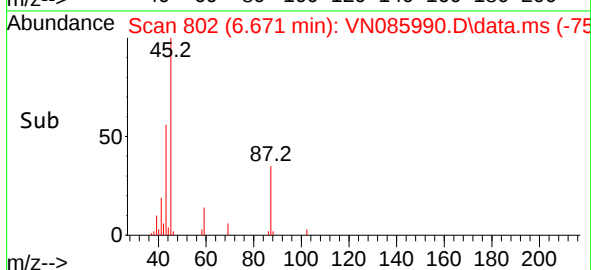
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#22
Diisopropyl ether
Concen: 17.200 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



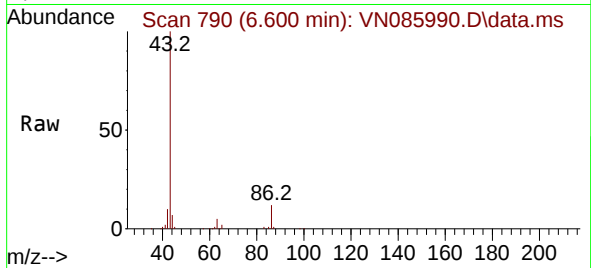
Tgt Ion: 45 Resp: 87820
Ion Ratio Lower Upper
45 100
43 53.6 42.6 64.0
87 35.2 25.8 38.8
59 14.2 9.9 14.9





#23
 Vinyl Acetate
 Concen: 87.360 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

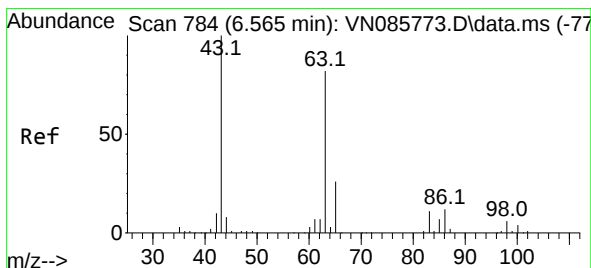
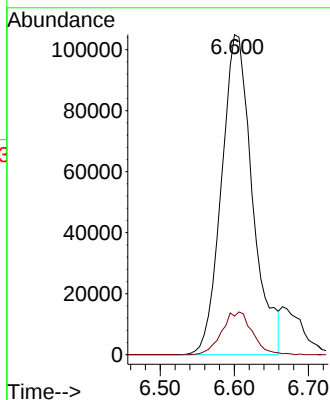
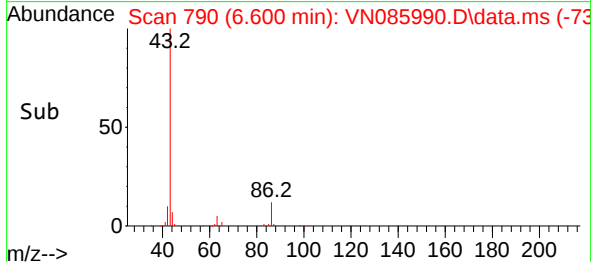
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01



Tgt Ion: 43 Resp: 305400
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.8 14.8

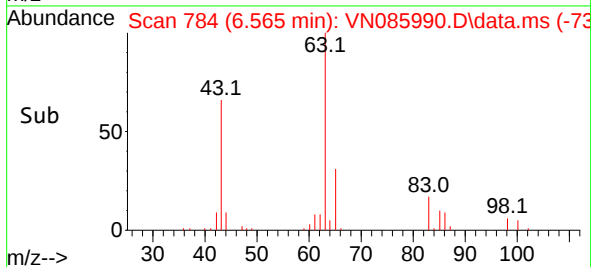
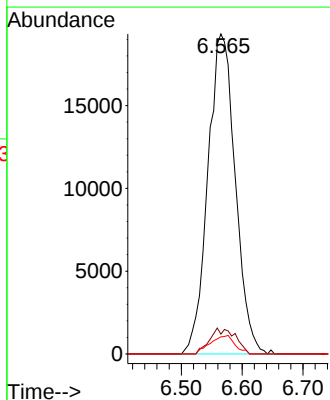
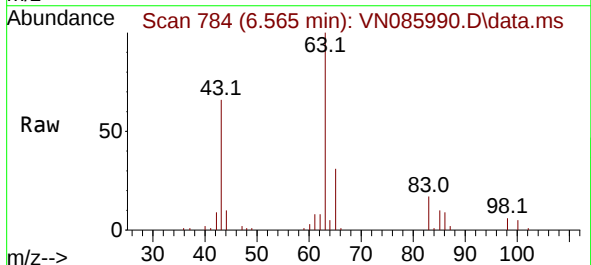
Manual Integrations
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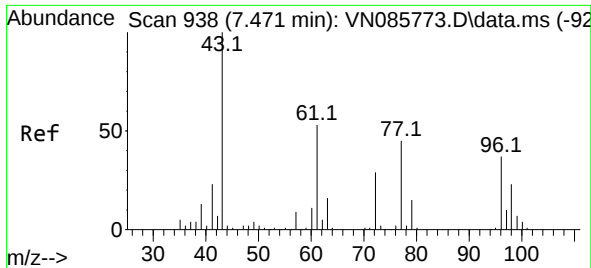
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#24
 1,1-Dichloroethane
 Concen: 17.418 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

Tgt Ion: 63 Resp: 60454
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 5.3 2.4 7.2





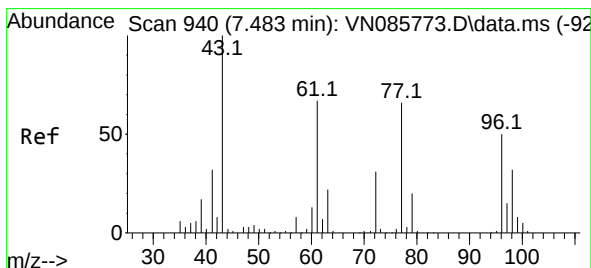
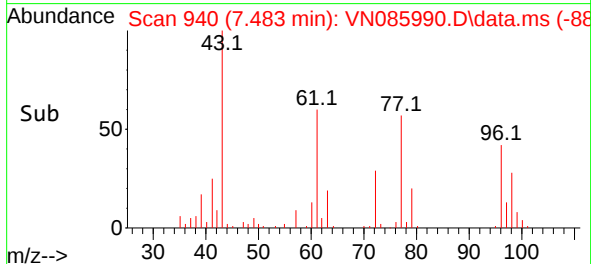
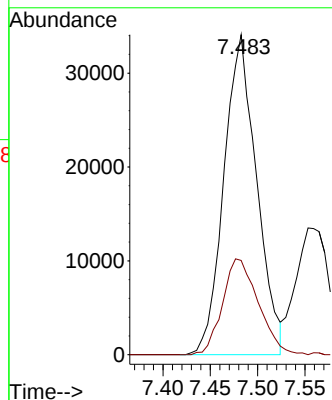
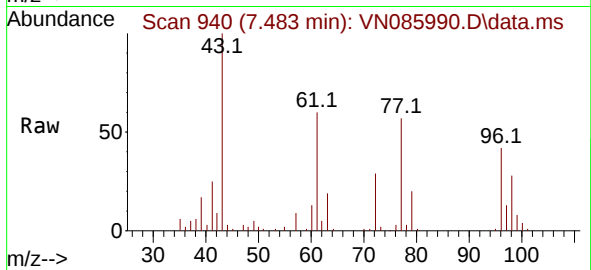
#25
2-Butanone
Concen: 86.648 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 43 Resp: 8206
Ion Ratio Lower Upper
43 100
72 29.5 23.6 35.4

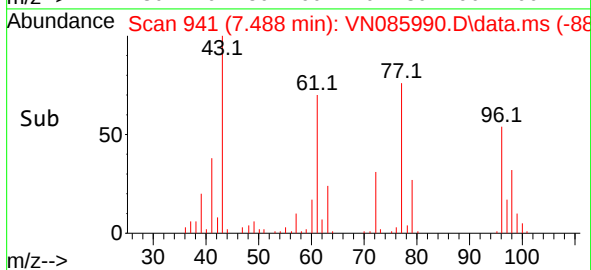
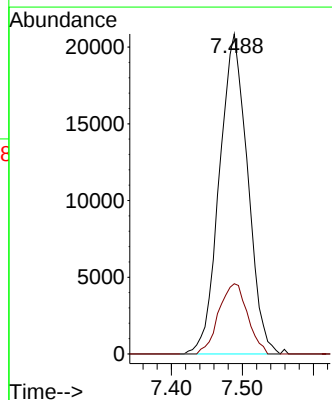
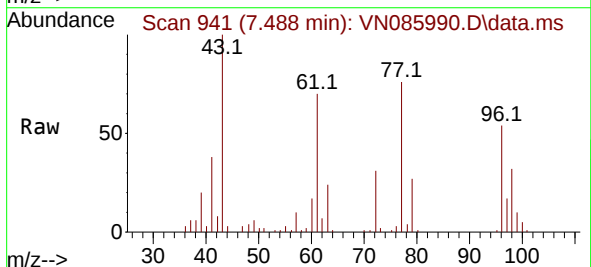
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#26
2,2-Dichloropropane
Concen: 18.622 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

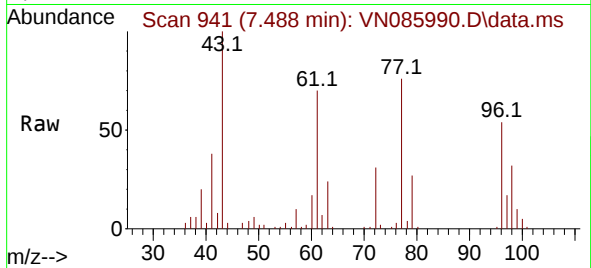
Tgt Ion: 77 Resp: 57474
Ion Ratio Lower Upper
77 100
97 22.4 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 17.575 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

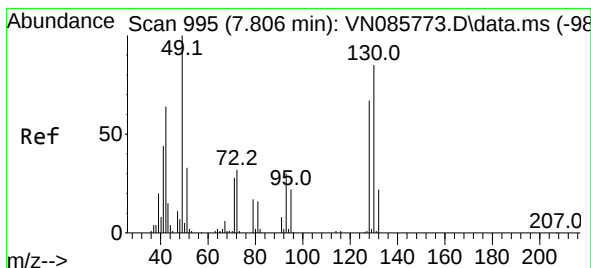
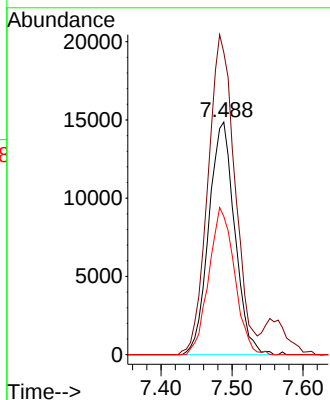
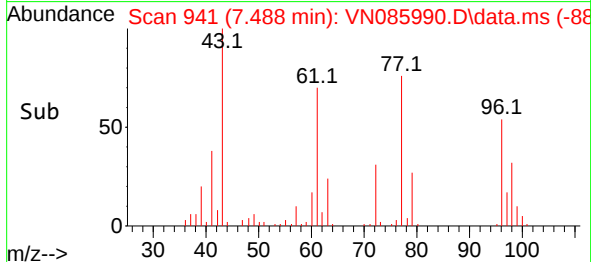
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01



Tgt Ion: 96 Resp: 3776
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 280.6
 98 62.6 0.0 128.6

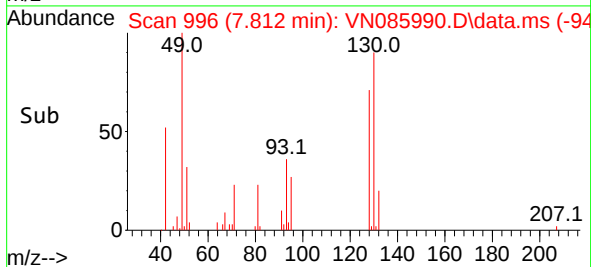
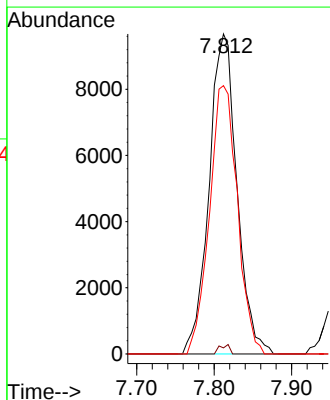
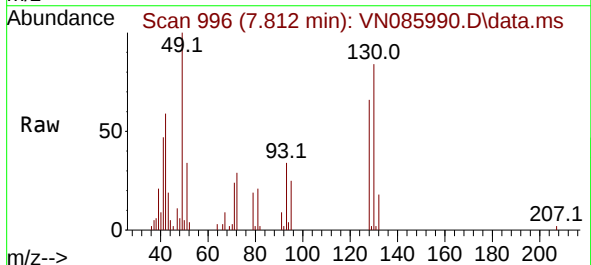
Manual Integrations
 APPROVED

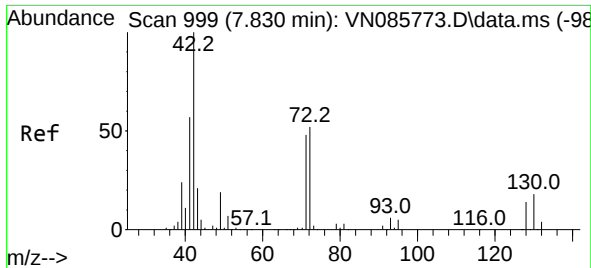
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#28
 Bromochloromethane
 Concen: 16.955 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

Tgt Ion: 49 Resp: 24187
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 83.9 68.0 102.0





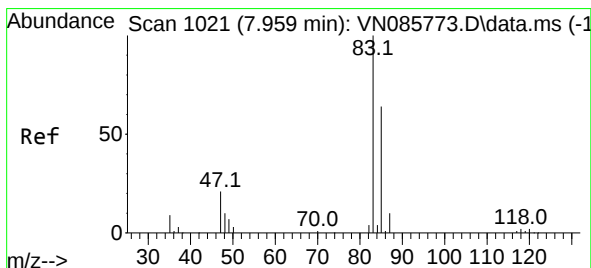
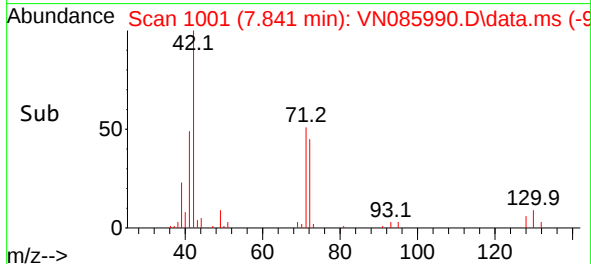
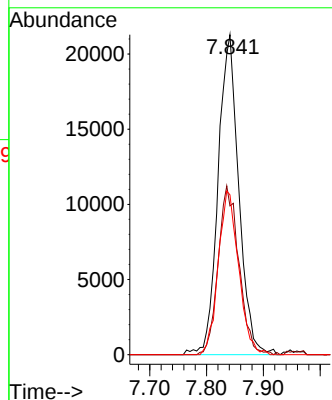
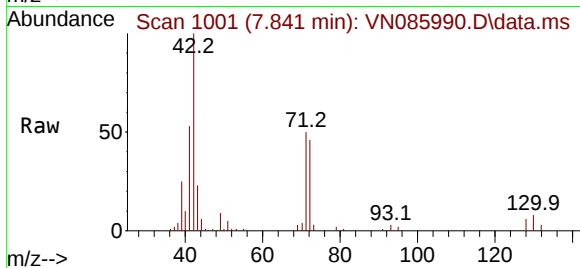
#29
Tetrahydrofuran
Concen: 88.230 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 42 Resp: 53962
Ion Ratio Lower Upper
42 100
72 53.0 40.0 60.0
71 50.3 37.0 55.4

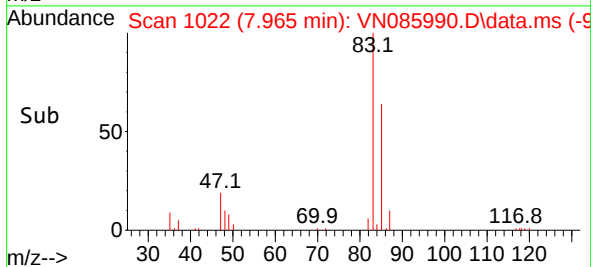
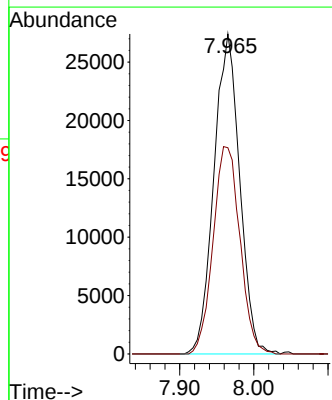
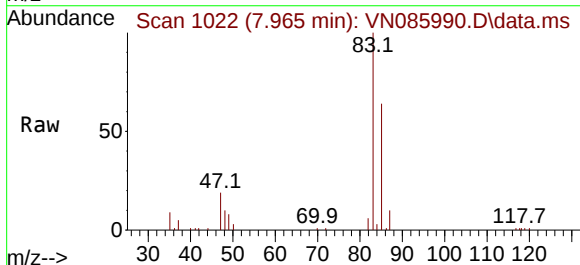
Manual Integrations
APPROVED

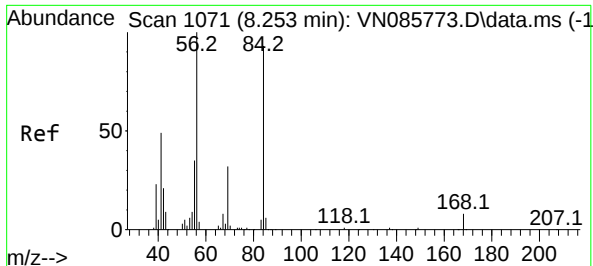
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#30
Chloroform
Concen: 18.269 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

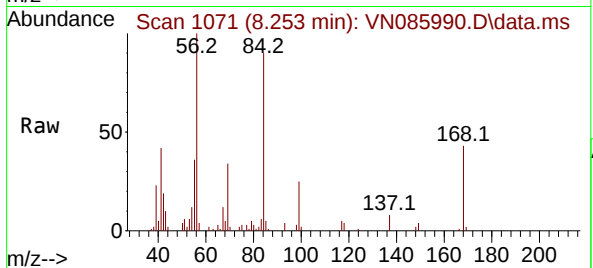
Tgt Ion: 83 Resp: 66262
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3





#31
Cyclohexane
Concen: 17.613 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

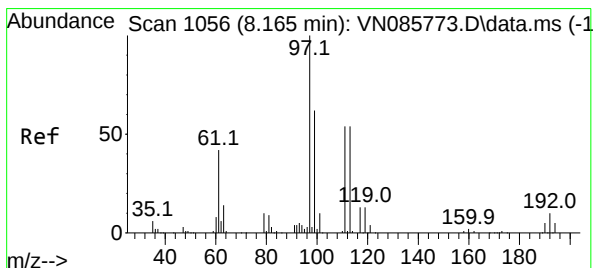
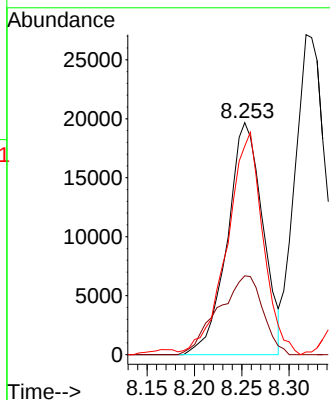
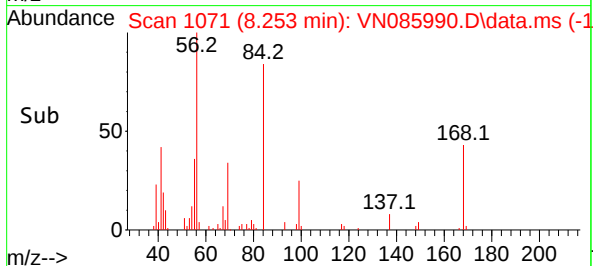
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



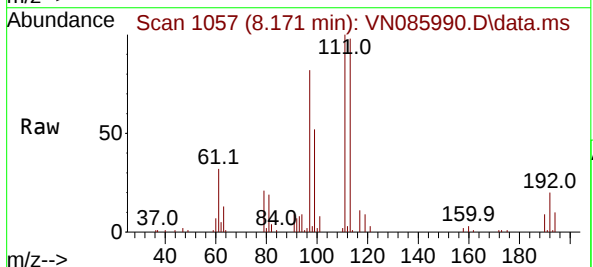
Tgt Ion: 56 Resp: 5118
Ion Ratio Lower Upper
56 100
69 34.0 25.8 38.6
84 88.6 74.5 111.7

Manual Integrations
APPROVED

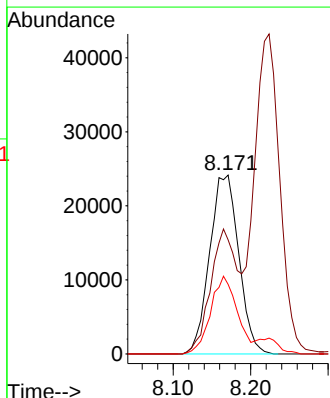
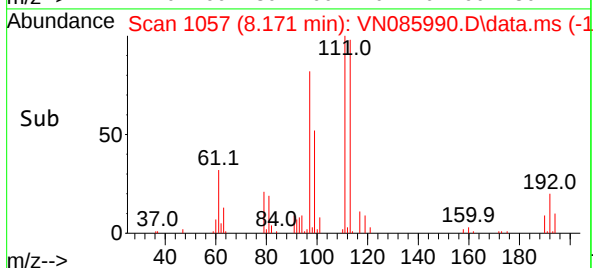
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#32
1,1,1-Trichloroethane
Concen: 19.553 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



Tgt Ion: 97 Resp: 63080
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 40.5 35.5 53.3





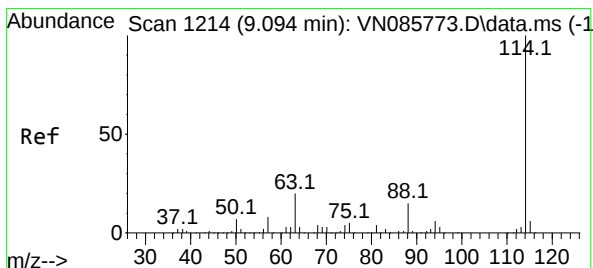
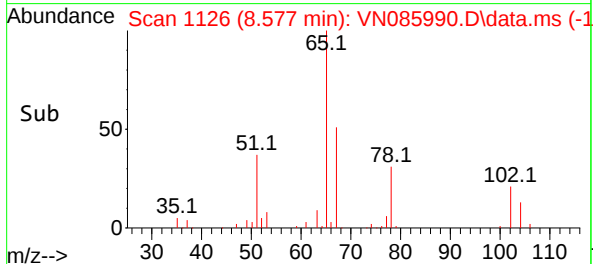
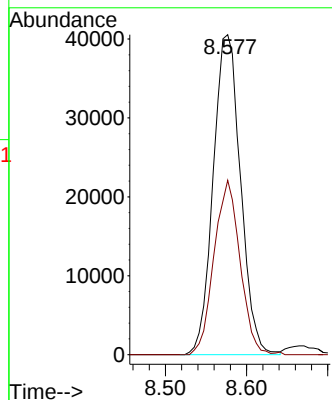
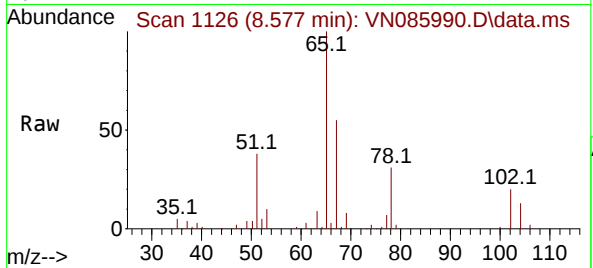
#33
 1,2-Dichloroethane-d4
 Concen: 46.629 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01

Tgt Ion: 65 Resp: 9487
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 106.2

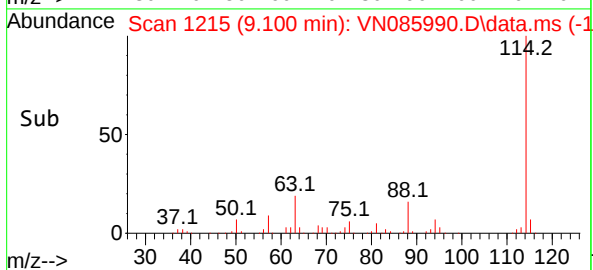
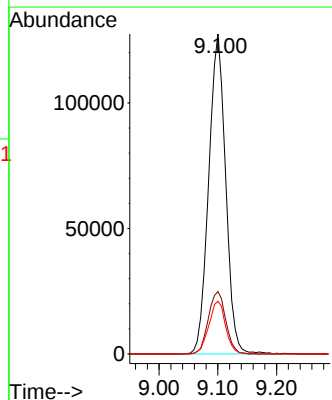
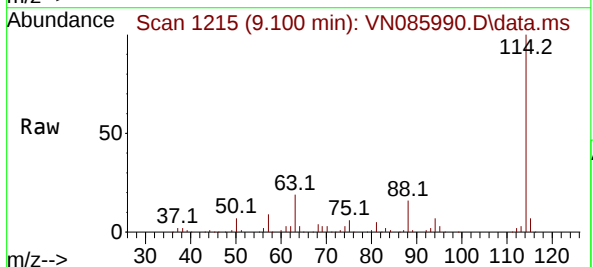
Manual Integrations
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Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

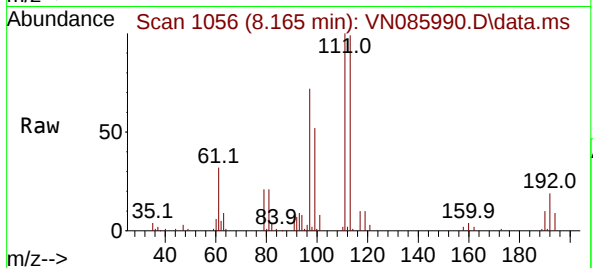
Tgt Ion:114 Resp: 255094
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 16.5 0.0 30.0





#35
Dibromofluoromethane
Concen: 46.461 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

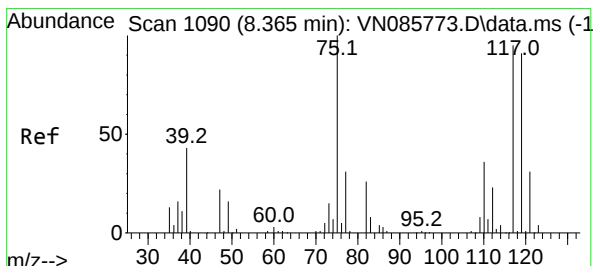
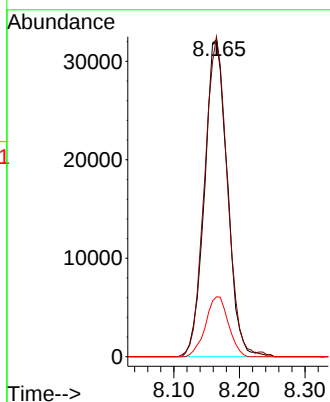
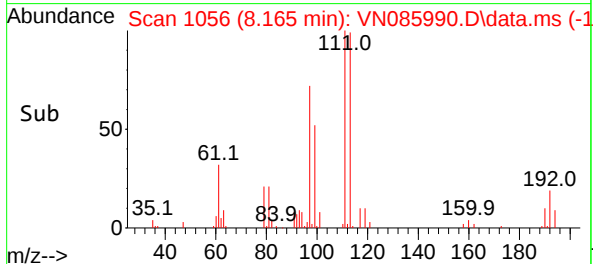
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



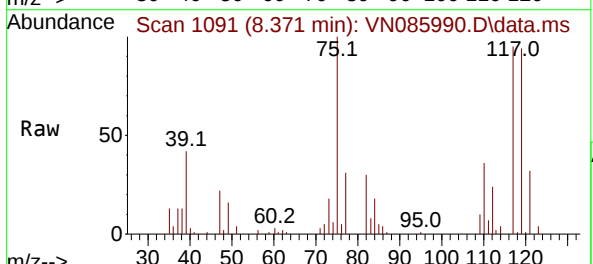
Tgt Ion:113 Resp: 7755
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 18.9 14.7 22.1

Manual Integrations
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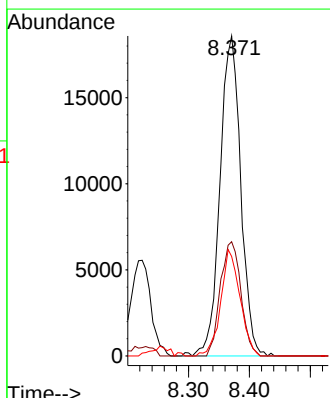
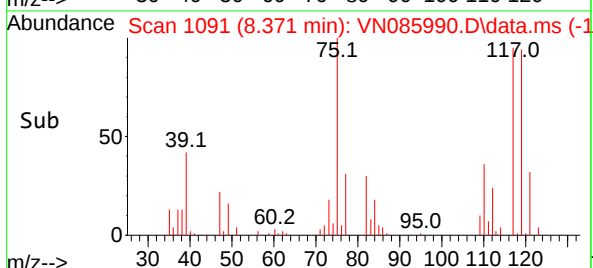
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

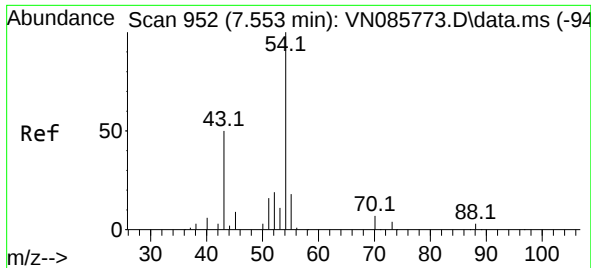


#36
1,1-Dichloropropene
Concen: 18.670 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



Tgt Ion: 75 Resp: 44106
Ion Ratio Lower Upper
75 100
110 35.3 17.3 52.0
77 30.8 24.6 37.0





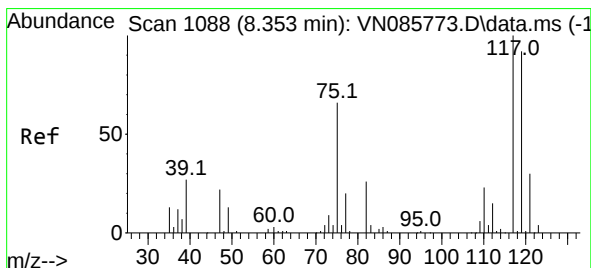
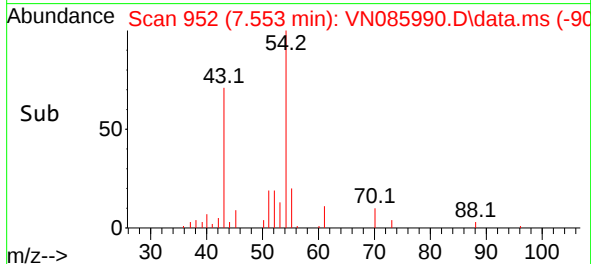
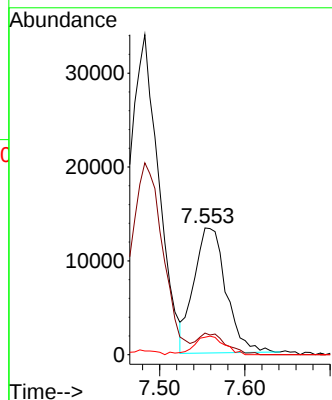
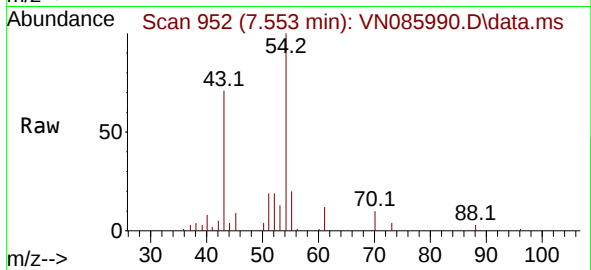
#37
Ethyl Acetate
Concen: 17.950 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 43 Resp: 3489
Ion Ratio Lower Upper
43 100
61 15.5 12.2 18.2
70 14.0 9.5 14.3

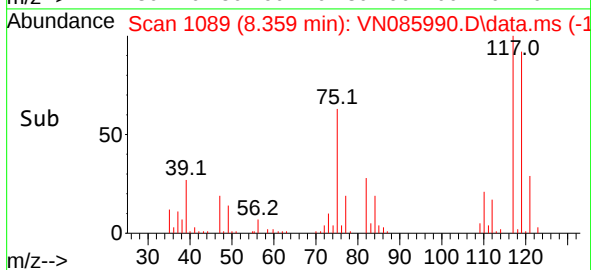
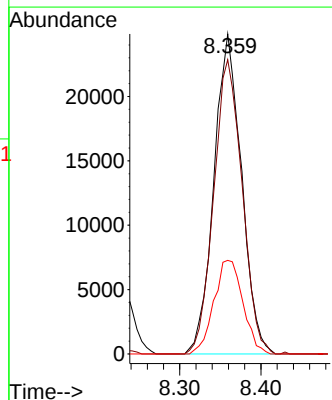
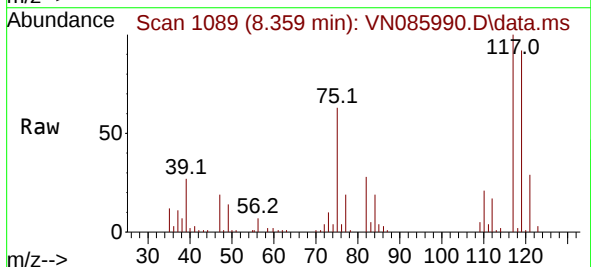
Manual Integrations
APPROVED

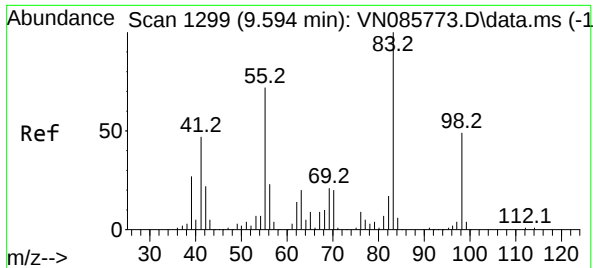
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#38
Carbon Tetrachloride
Concen: 20.916 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Tgt Ion:117 Resp: 58712
Ion Ratio Lower Upper
117 100
119 92.0 73.8 110.6
121 29.3 24.3 36.5





#39
Methylcyclohexane
Concen: 17.861 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

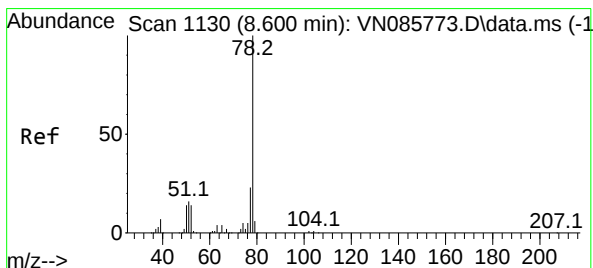
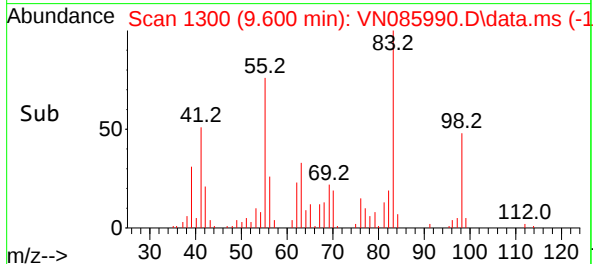
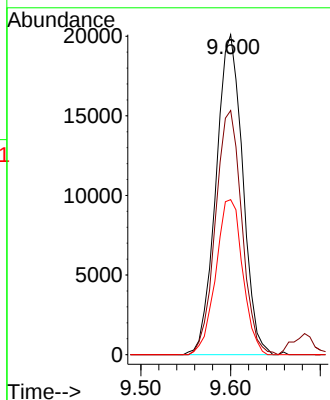
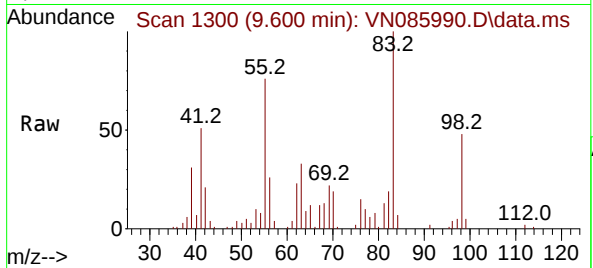
Tgt Ion: 83 Resp: 4145
Ion Ratio Lower Upper
83 100
55 76.3 57.5 86.3
98 48.4 39.2 58.8

Manual Integrations

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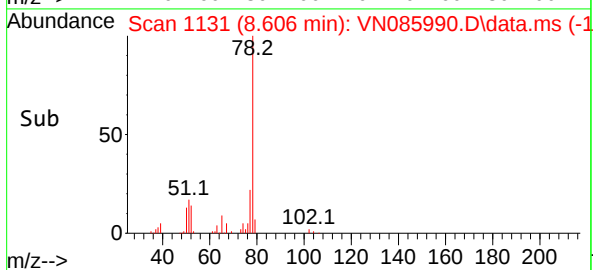
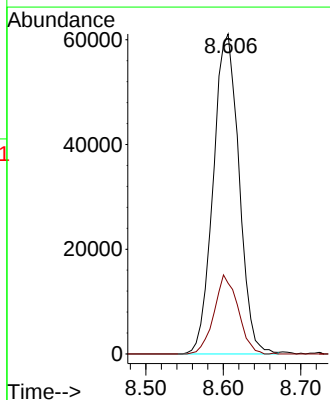
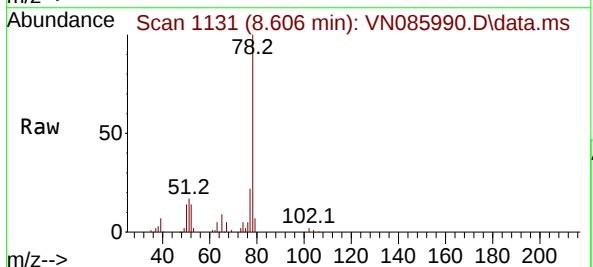
Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#40
Benzene
Concen: 18.656 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

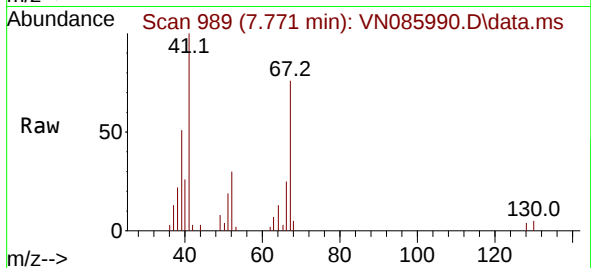
Tgt Ion: 78 Resp: 141258
Ion Ratio Lower Upper
78 100
77 22.1 18.3 27.5





#41
Methacrylonitrile
Concen: 17.022 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

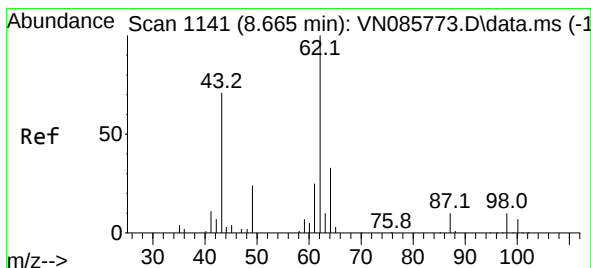
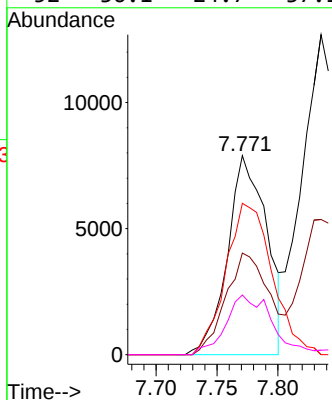
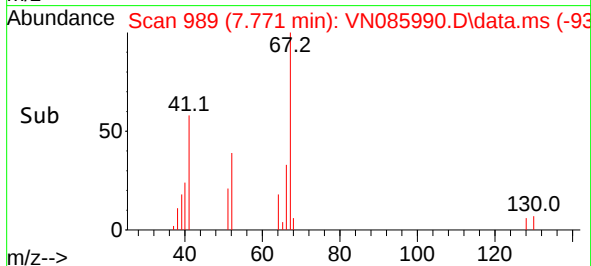
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



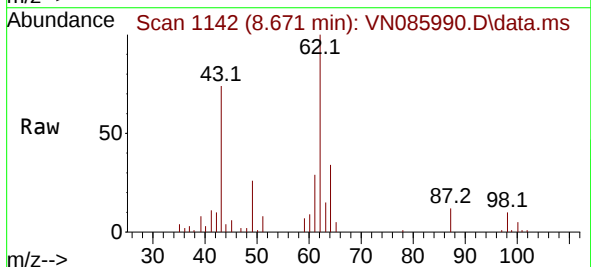
Tgt Ion: 41 Resp: 17690
Ion Ratio Lower Upper
41 100
39 57.5 42.0 63.0
67 90.1 64.2 96.4
52 36.1 24.7 37.1

Manual Integrations
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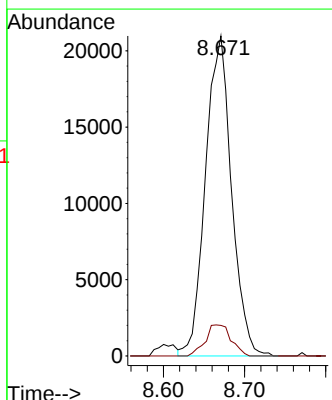
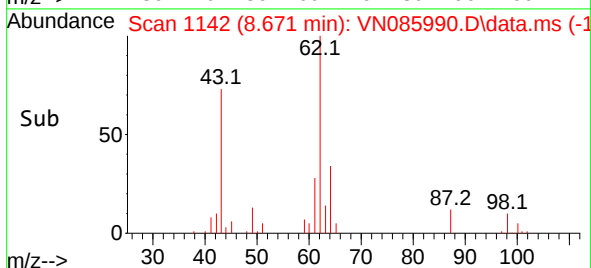
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#42
1,2-Dichloroethane
Concen: 18.980 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



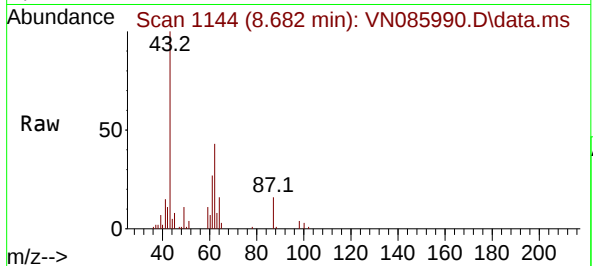
Tgt Ion: 62 Resp: 46811
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.6





#43
Isopropyl Acetate
Concen: 18.523 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

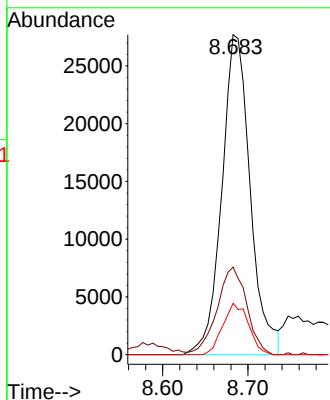
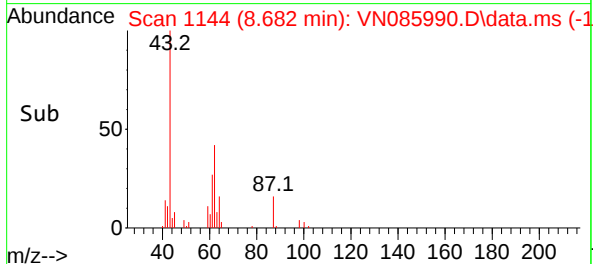
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 43 Resp: 64372
Ion Ratio Lower Upper
43 100
61 28.5 22.6 34.0
87 14.5 11.8 17.8

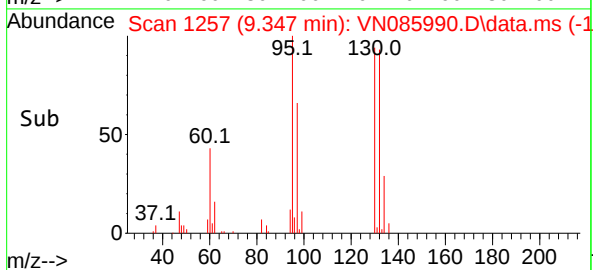
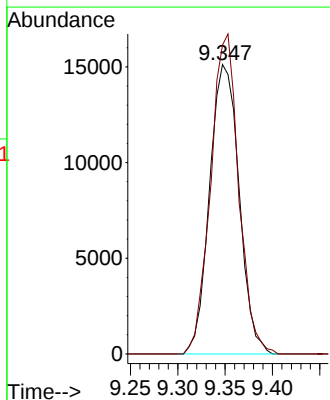
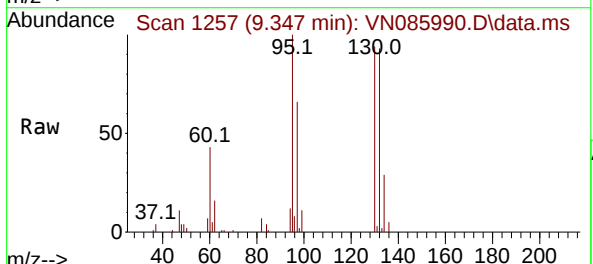
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#44
Trichloroethene
Concen: 17.646 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Tgt Ion:130 Resp: 32805
Ion Ratio Lower Upper
130 100
95 106.7 0.0 202.6





#45

1,2-Dichloropropane

Concen: 18.250 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085990.D

Acq: 14 Mar 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 63 Resp: 3335

Ion Ratio Lower Upper

63 100

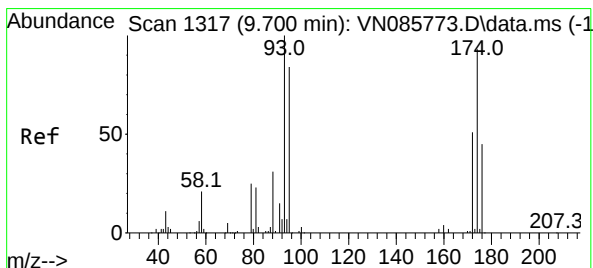
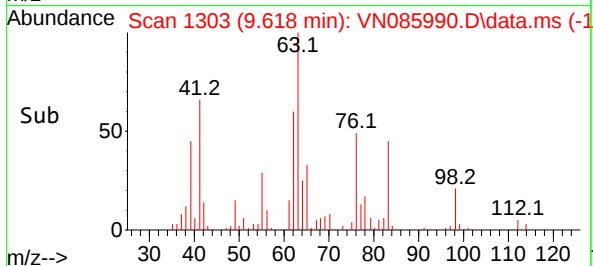
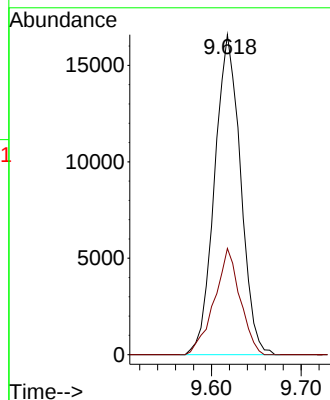
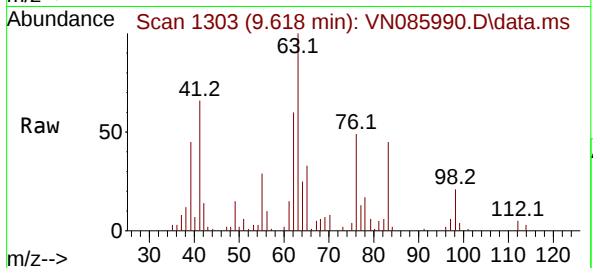
65 33.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#46

Dibromomethane

Concen: 19.160 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085990.D

Acq: 14 Mar 2025 15:33

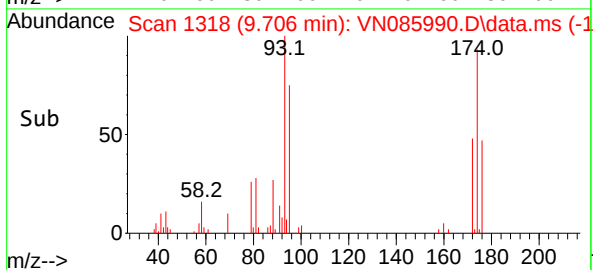
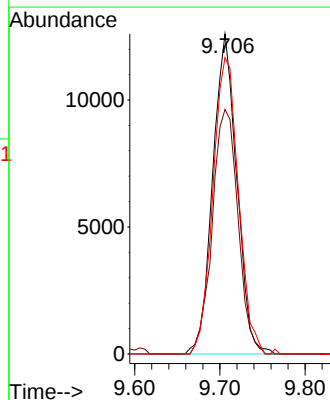
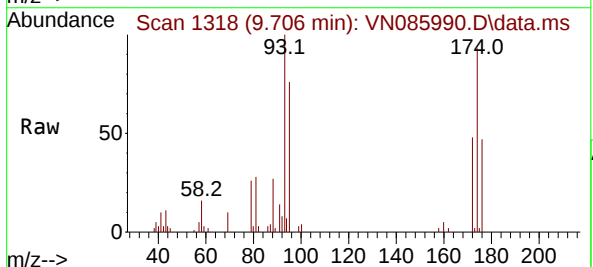
Tgt Ion: 93 Resp: 24700

Ion Ratio Lower Upper

93 100

95 81.6 66.7 100.1

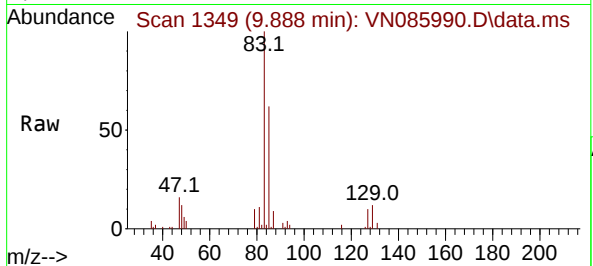
174 98.5 77.2 115.8





#47
Bromodichloromethane
Concen: 19.041 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

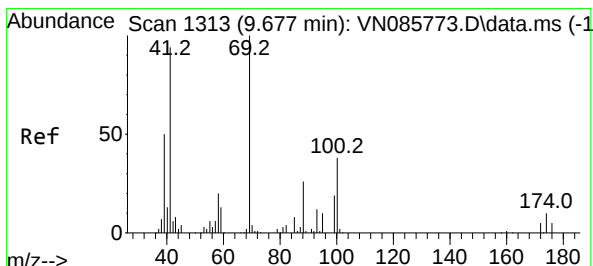
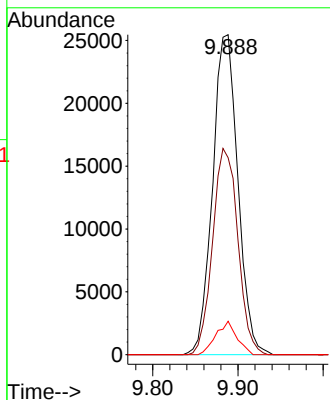
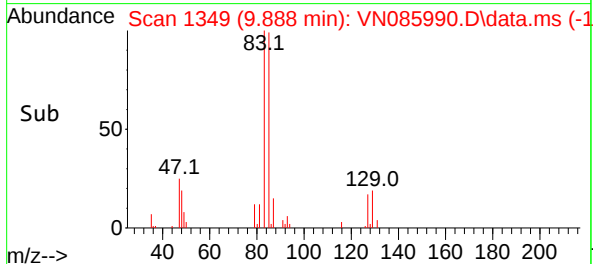
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 83 Resp: 52510
Ion Ratio Lower Upper
83 100
85 61.6 50.5 75.7
127 10.4 7.2 10.8

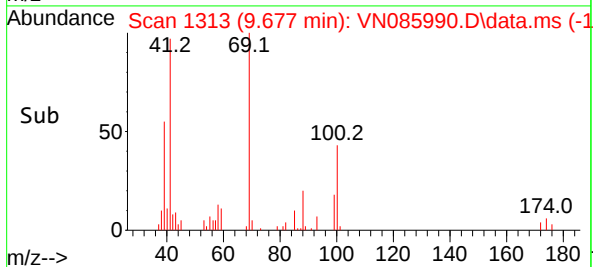
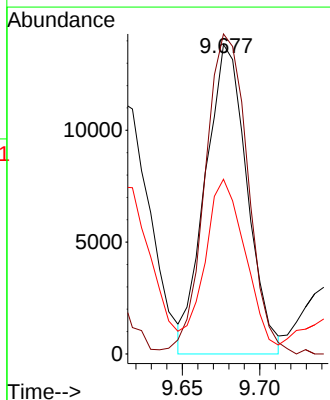
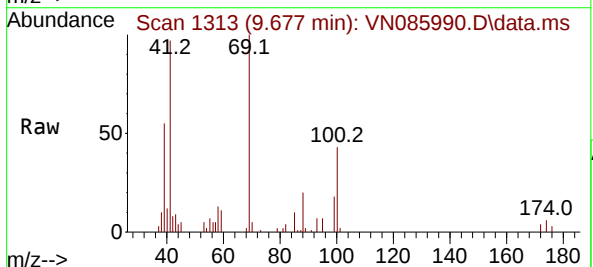
Manual Integrations
APPROVED

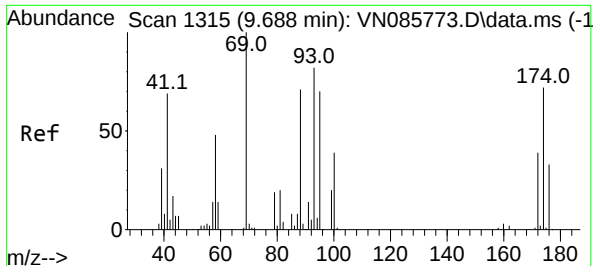
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#48
Methyl methacrylate
Concen: 17.912 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Tgt Ion: 41 Resp: 25862
Ion Ratio Lower Upper
41 100
69 106.1 76.0 114.0
39 55.9 42.3 63.5





#49

1,4-Dioxane

Concen: 412.008 ug/l

RT: 9.694 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085990.D

Acq: 14 Mar 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 88 Resp: 1131

Ion Ratio Lower Upper

88 100

43 21.6 18.6 27.8

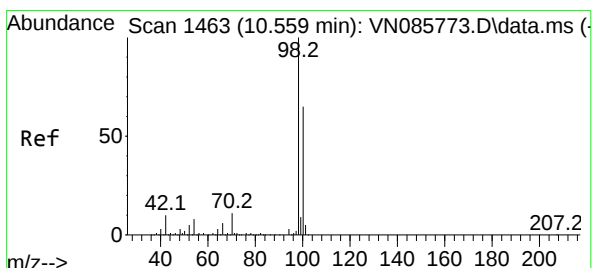
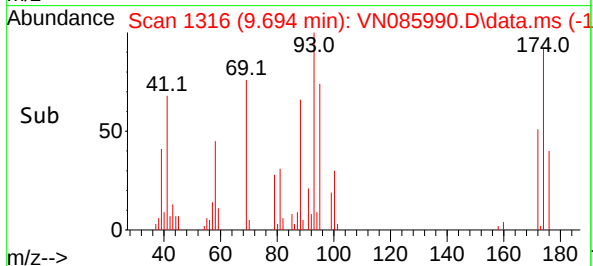
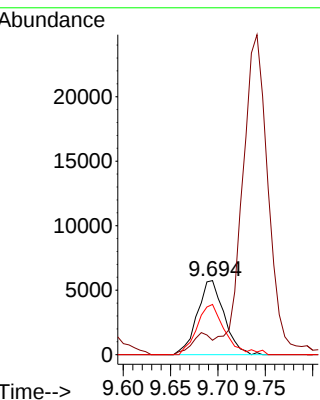
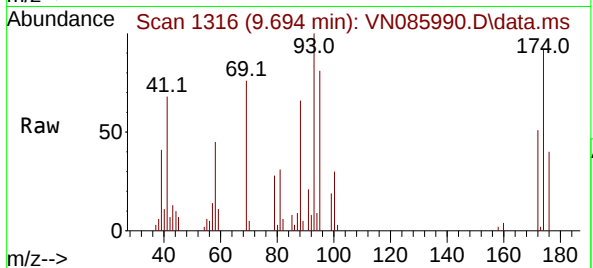
58 70.6 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#50

Toluene-d8

Concen: 44.867 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085990.D

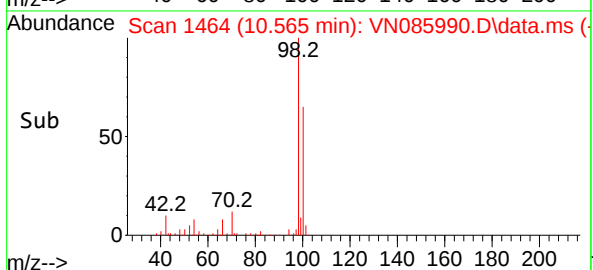
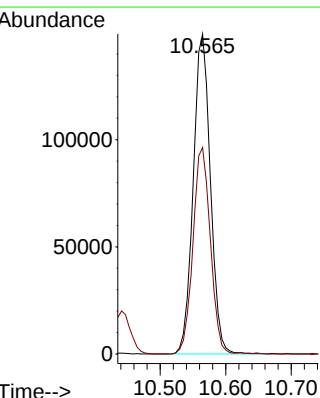
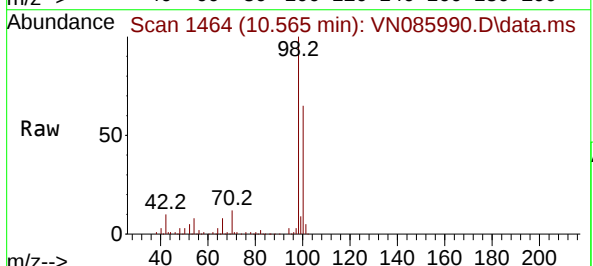
Acq: 14 Mar 2025 15:33

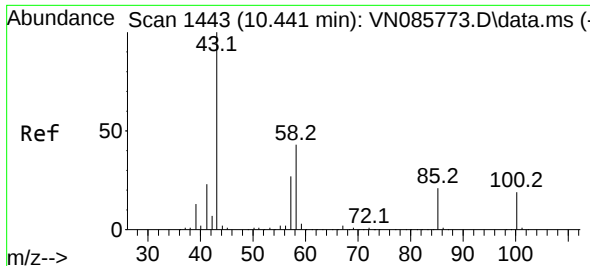
Tgt Ion: 98 Resp: 272482

Ion Ratio Lower Upper

98 100

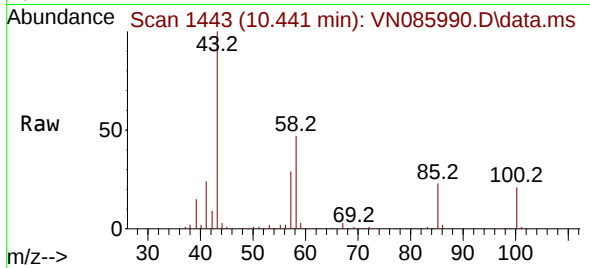
100 65.4 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 93.230 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

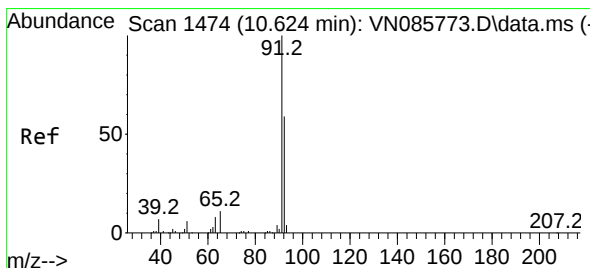
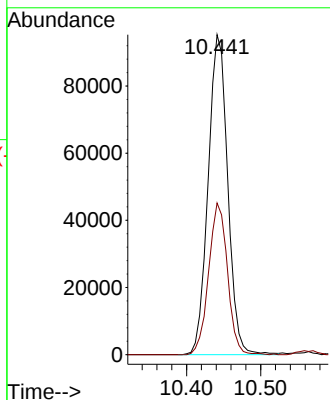
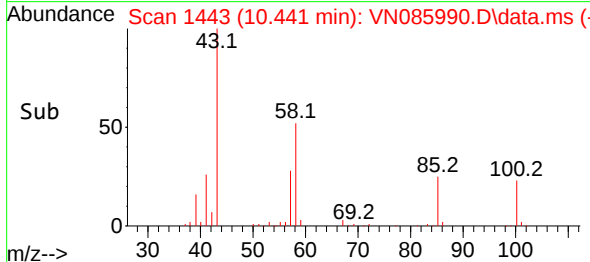
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



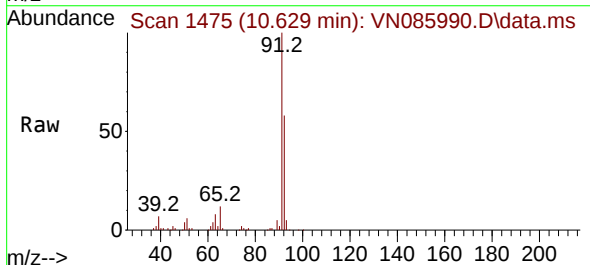
Tgt Ion: 43 Resp: 174749
Ion Ratio Lower Upper
43 100
58 45.6 34.6 52.0

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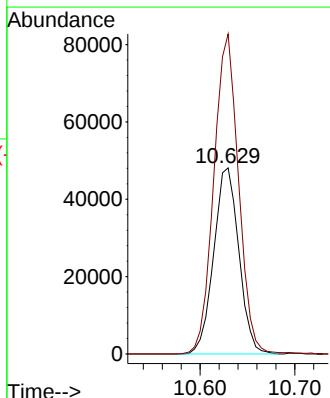
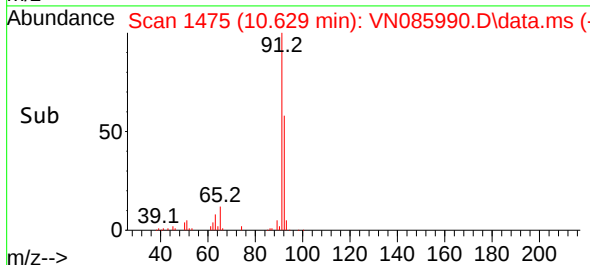
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#52
Toluene
Concen: 20.011 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



Tgt Ion: 92 Resp: 88815
Ion Ratio Lower Upper
92 100
91 169.3 136.9 205.3





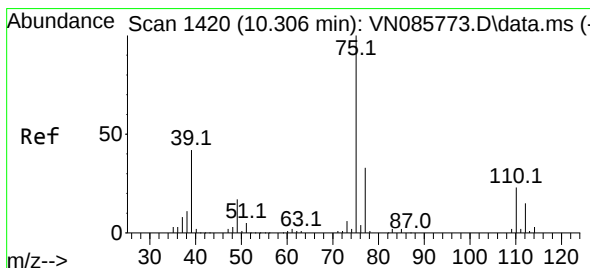
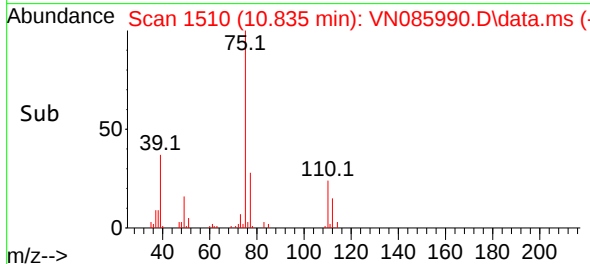
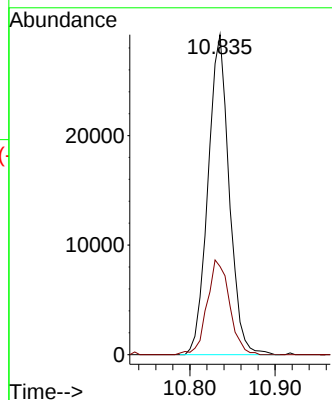
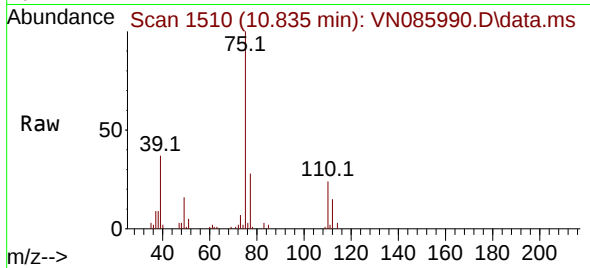
#53
 t-1,3-Dichloropropene
 Concen: 19.795 ug/l
 RT: 10.835 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01

Tgt Ion: 75 Resp: 50480
 Ion Ratio Lower Upper
 75 100
 77 27.6 25.4 38.0

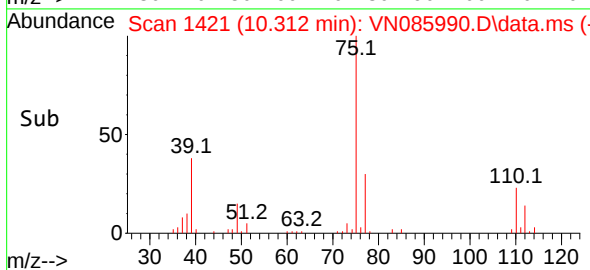
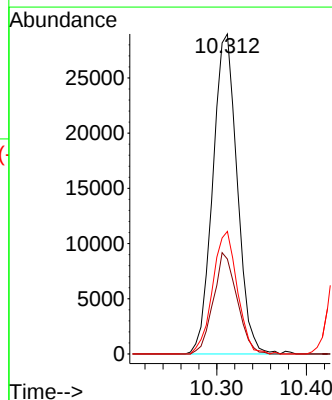
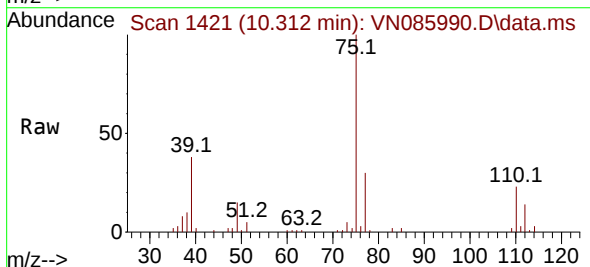
Manual Integrations
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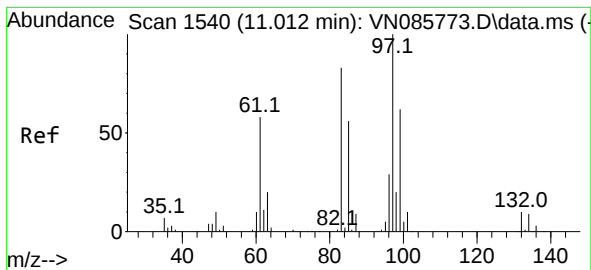
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#54
 cis-1,3-Dichloropropene
 Concen: 19.514 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

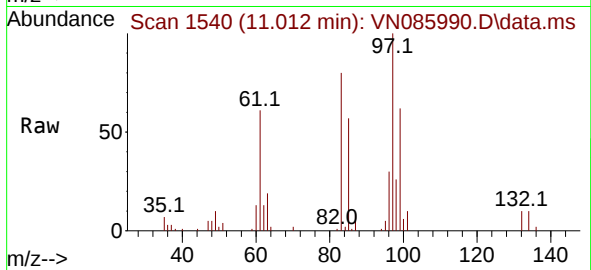
Tgt Ion: 75 Resp: 54573
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.1 39.1
 39 38.3 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 18.861 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

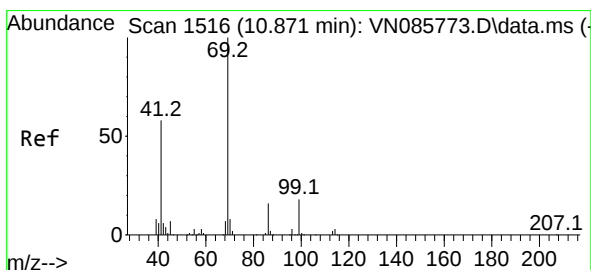
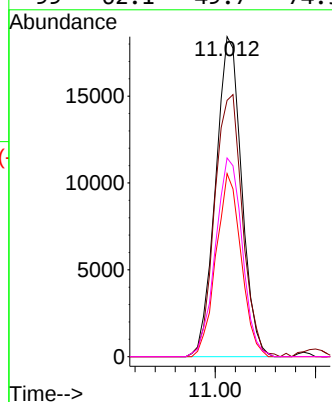
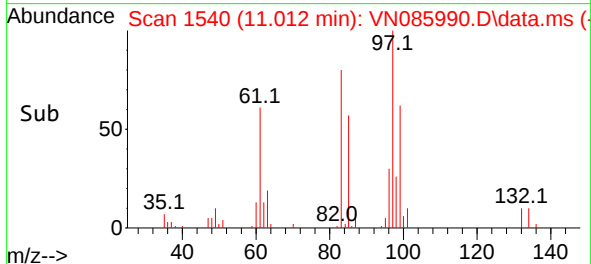


Tgt Ion: 97 Resp: 3328

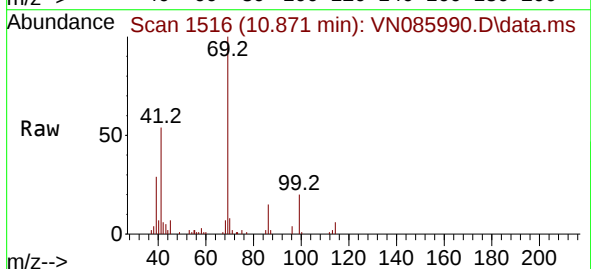
Ion	Ratio	Lower	Upper
97	100		
83	80.1	66.1	99.1
85	57.2	44.7	67.1
99	62.1	49.7	74.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

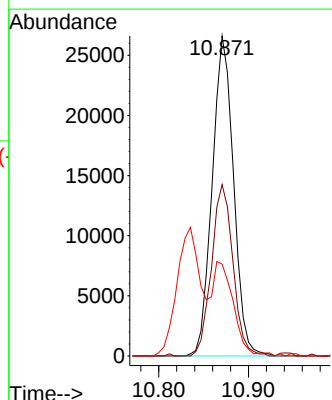
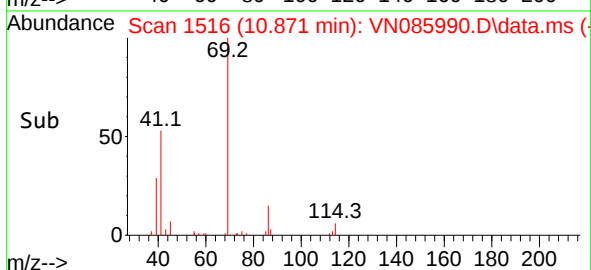


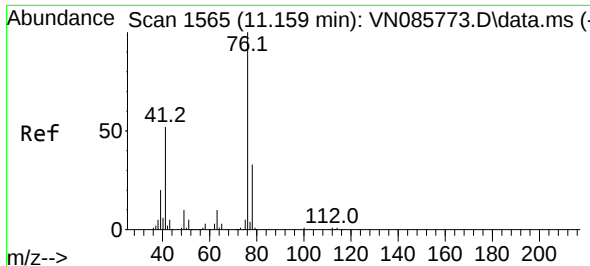
#56
Ethyl methacrylate
Concen: 18.928 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



Tgt Ion: 69 Resp: 43946

Ion	Ratio	Lower	Upper
69	100		
41	53.8	46.0	69.0
39	29.6	22.0	33.0





#57

1,3-Dichloropropane

Concen: 18.916 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085990.D

Acq: 14 Mar 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 76 Resp: 55724

Ion Ratio Lower Upper

76 100

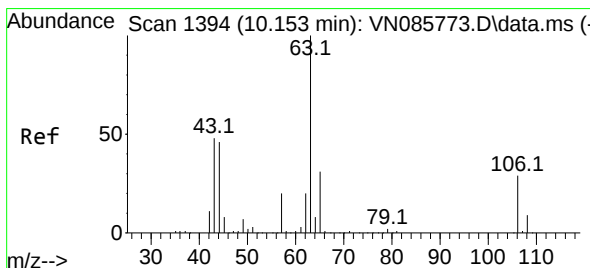
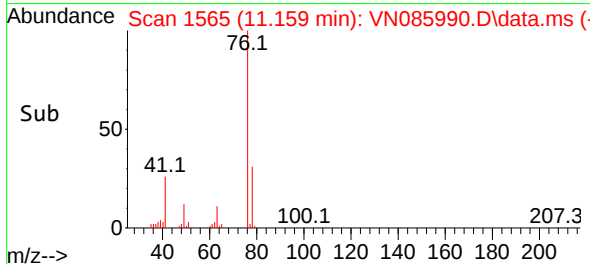
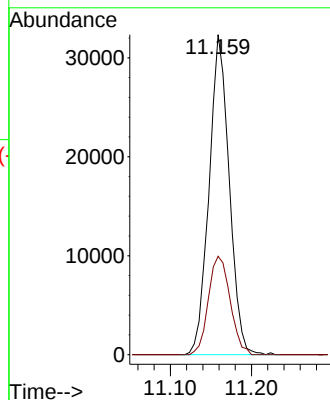
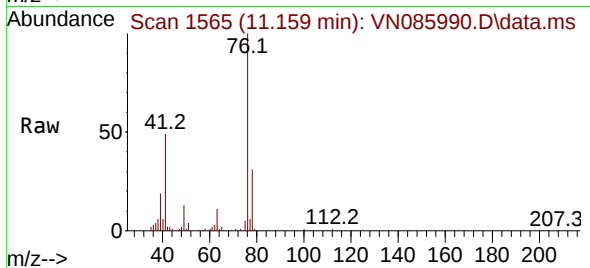
78 33.1 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#58

2-Chloroethyl Vinyl ether

Concen: 87.634 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.006 min

Lab File: VN085990.D

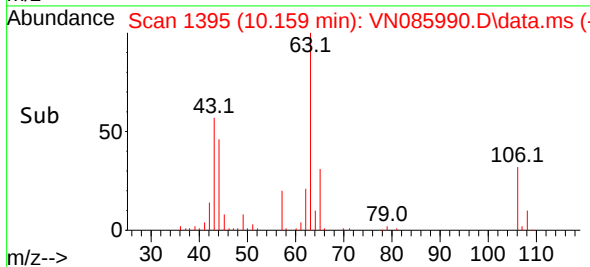
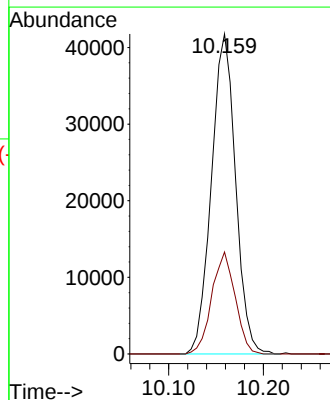
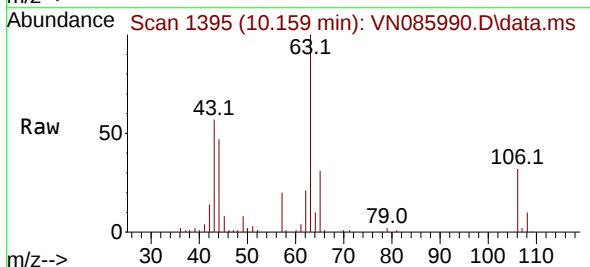
Acq: 14 Mar 2025 15:33

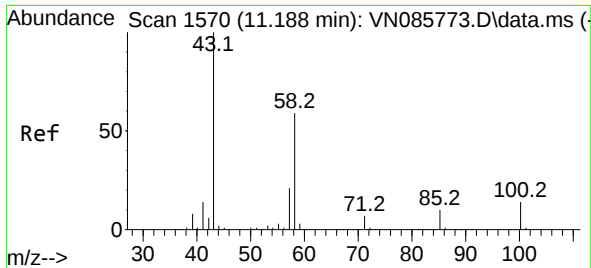
Tgt Ion: 63 Resp: 73925

Ion Ratio Lower Upper

63 100

106 30.9 22.7 34.1





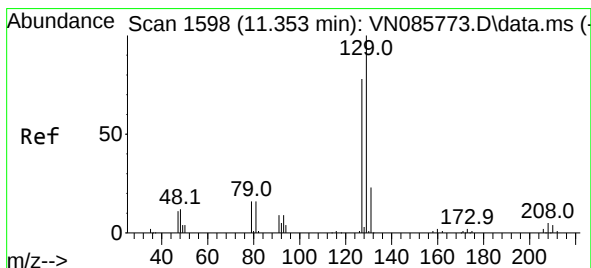
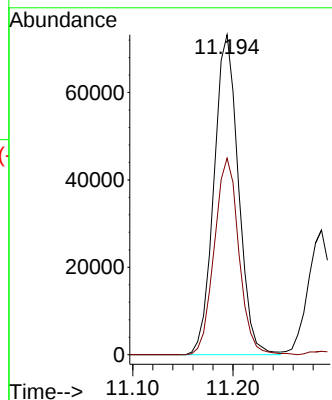
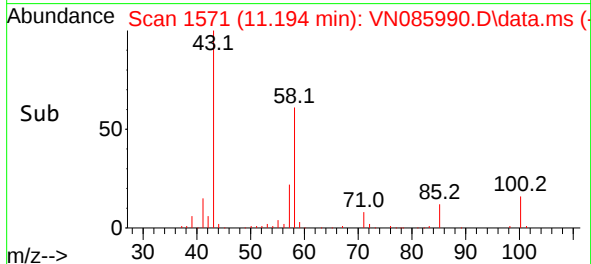
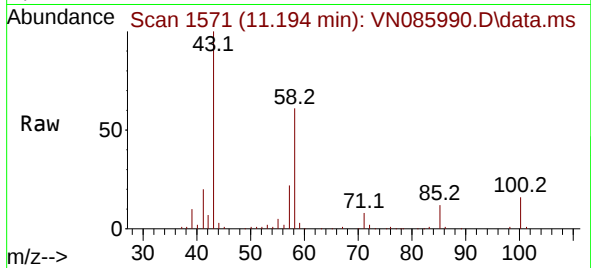
#59
2-Hexanone
Concen: 96.132 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 43 Resp: 123960
Ion Ratio Lower Upper
43 100
58 61.7 29.8 89.5

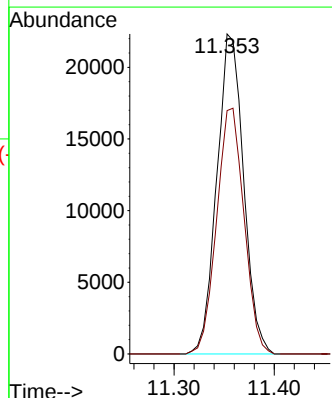
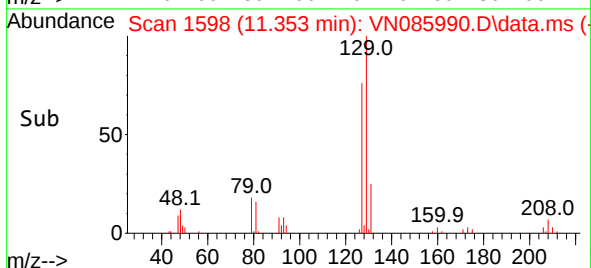
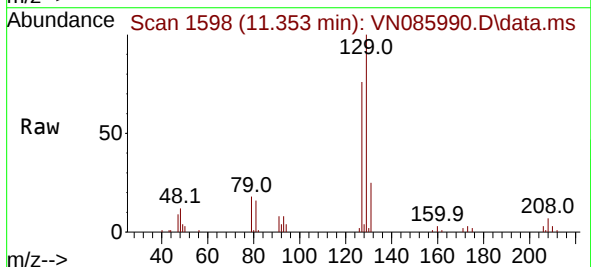
Manual Integrations
APPROVED

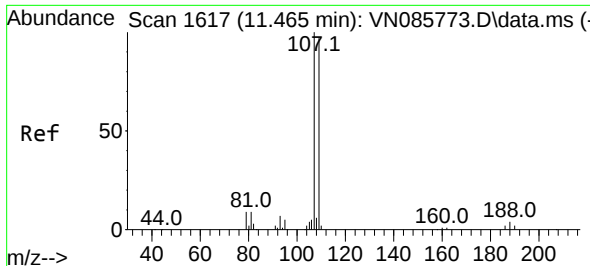
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#60
Dibromochloromethane
Concen: 20.136 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Tgt Ion:129 Resp: 41377
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.5





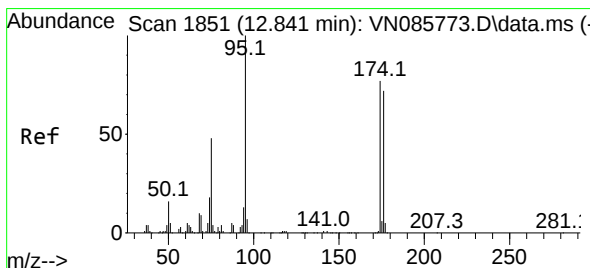
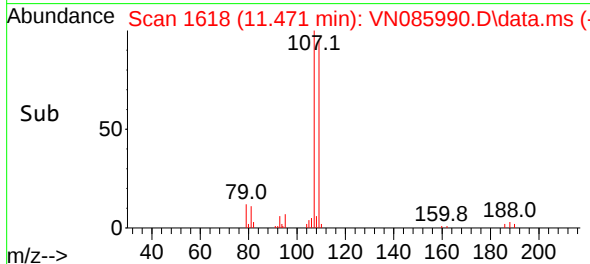
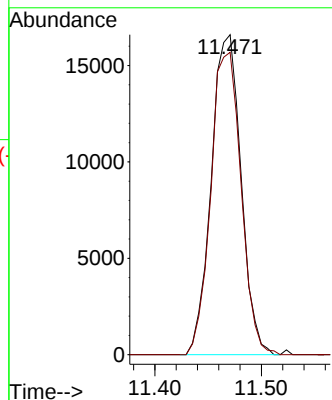
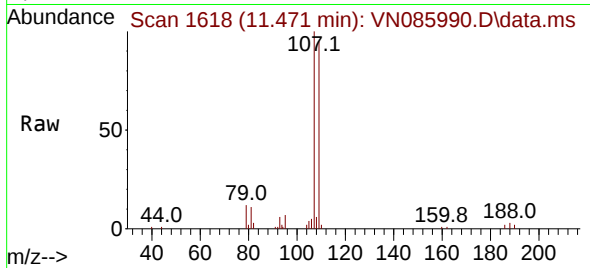
#61
1,2-Dibromoethane
Concen: 19.301 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion:107 Resp: 3218
Ion Ratio Lower Upper
107 100
109 96.0 76.0 114.0

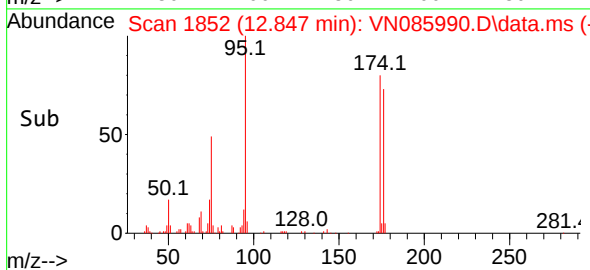
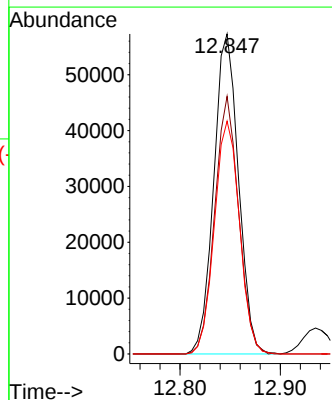
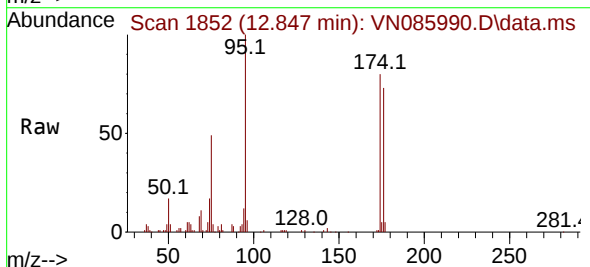
Manual Integrations
APPROVED

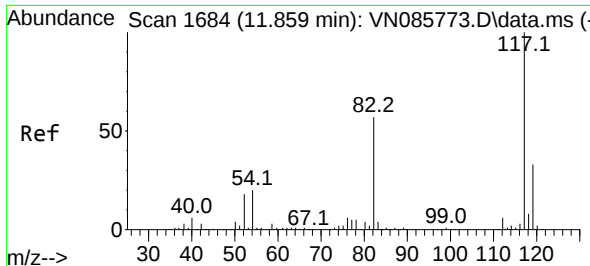
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#62
4-Bromofluorobenzene
Concen: 49.020 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

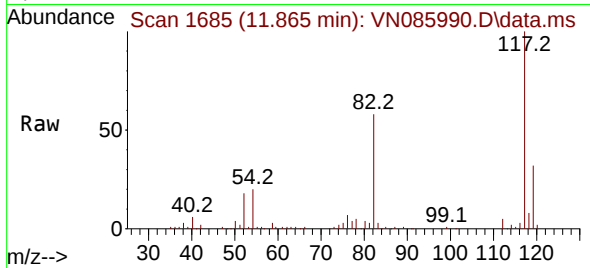
Tgt Ion: 95 Resp: 98087
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.4
176 73.9 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

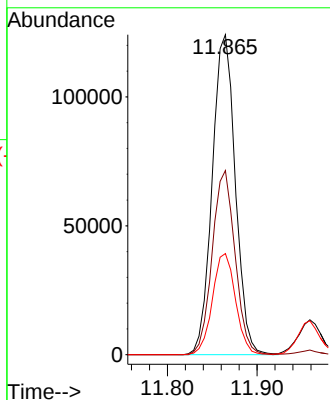
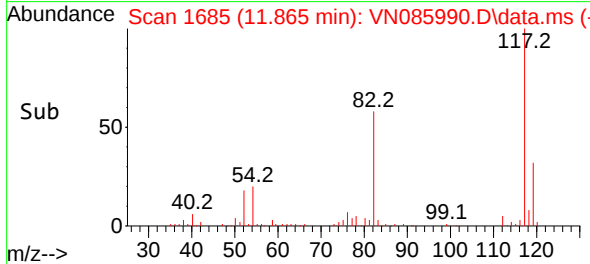
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion:117 Resp: 222274
Ion Ratio Lower Upper
117 100
82 57.6 45.7 68.5
119 31.6 26.2 39.2

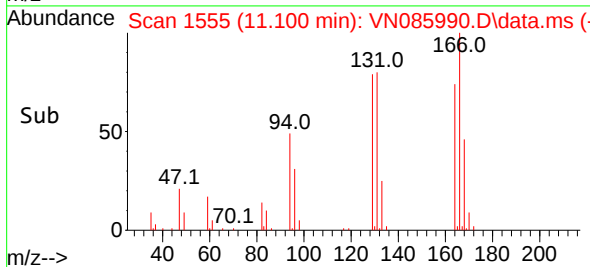
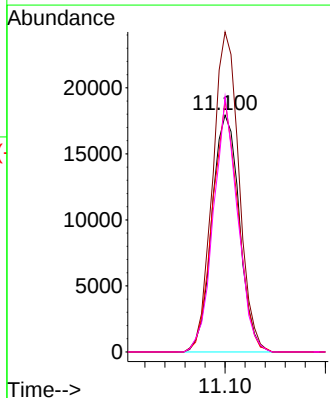
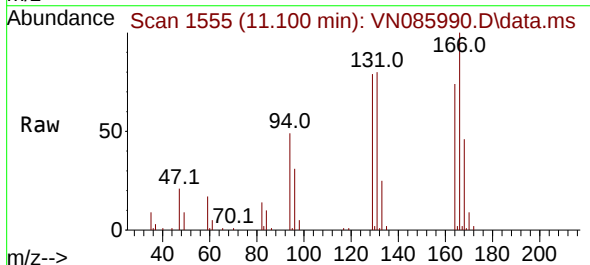
Manual Integrations
APPROVED

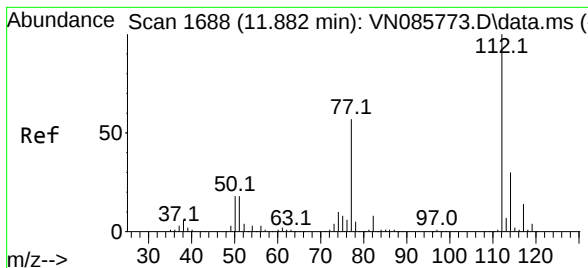
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#64
Tetrachloroethene
Concen: 19.716 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

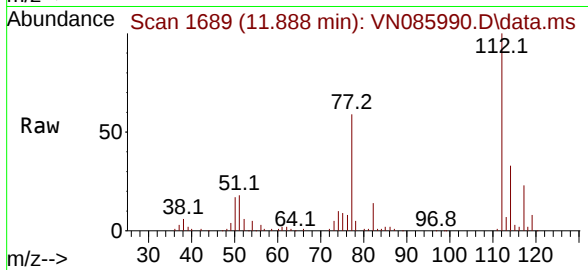
Tgt Ion:164 Resp: 33950
Ion Ratio Lower Upper
164 100
166 135.2 107.2 160.8
129 106.3 80.7 121.1
131 107.8 74.6 112.0





#65
Chlorobenzene
Concen: 18.673 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

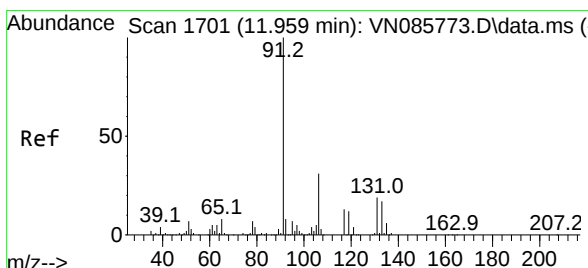
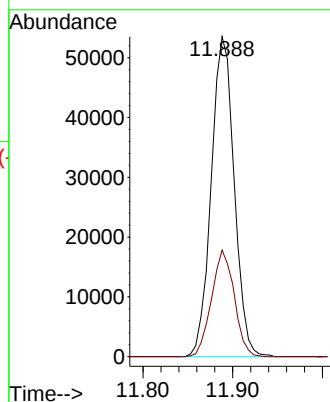
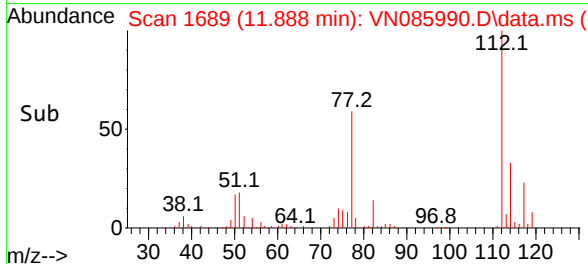
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



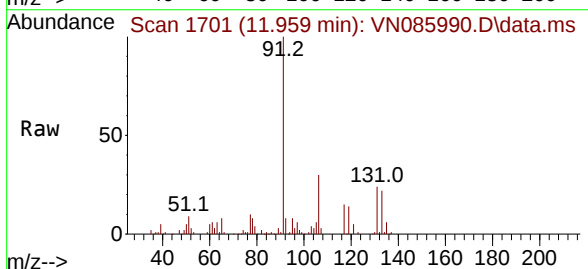
Tgt Ion:112 Resp: 9508
Ion Ratio Lower Upper
112 100
114 33.3 24.3 36.5

Manual Integrations
APPROVED

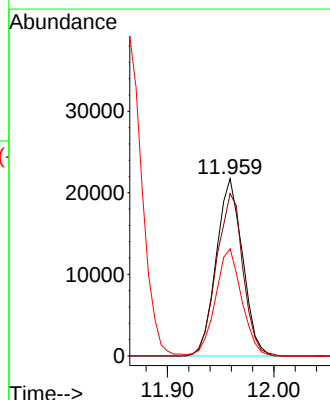
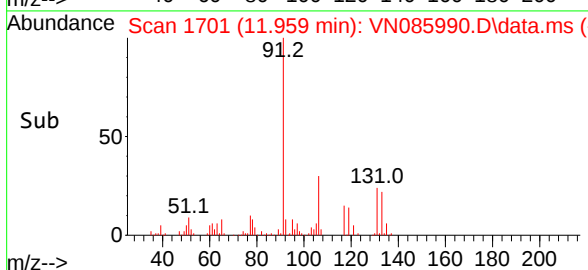
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 20.338 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



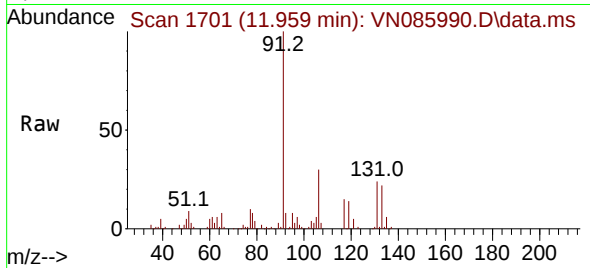
Tgt Ion:131 Resp: 37224
Ion Ratio Lower Upper
131 100
133 92.7 47.7 143.1
119 60.3 33.3 99.8





#67
Ethyl Benzene
Concen: 19.501 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

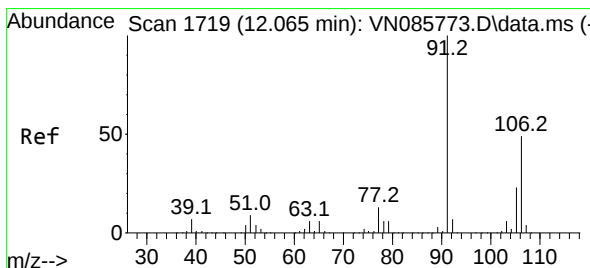
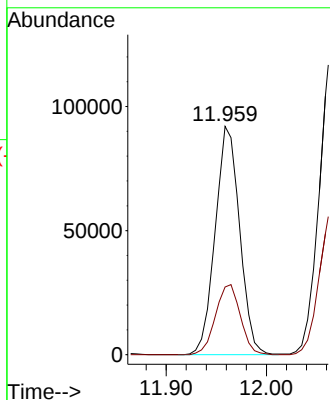
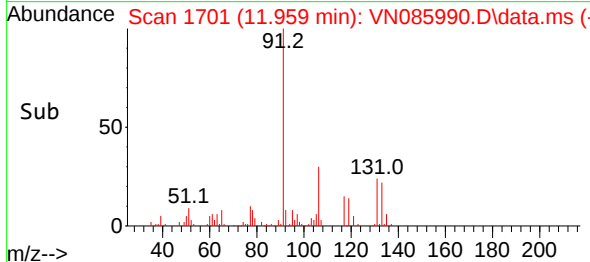
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



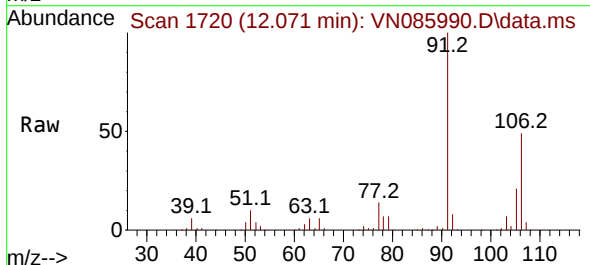
Tgt Ion: 91 Resp: 15554
Ion Ratio Lower Upper
91 100
106 29.7 24.7 37.1

Manual Integrations
APPROVED

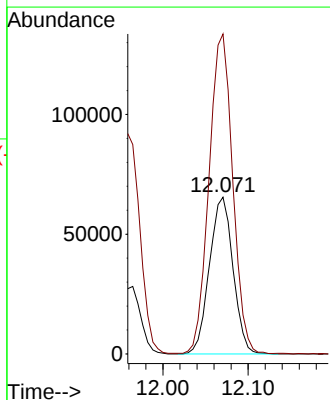
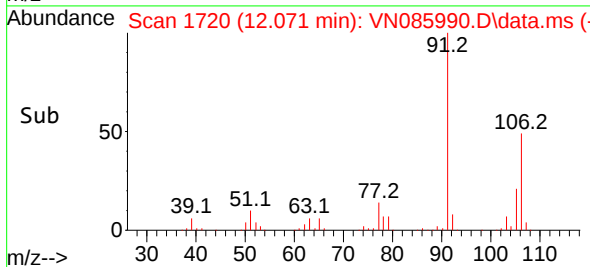
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#68
m/p-Xylenes
Concen: 41.600 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



Tgt Ion:106 Resp: 126038
Ion Ratio Lower Upper
106 100
91 204.2 163.3 244.9





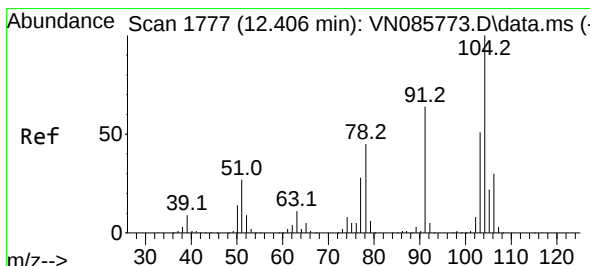
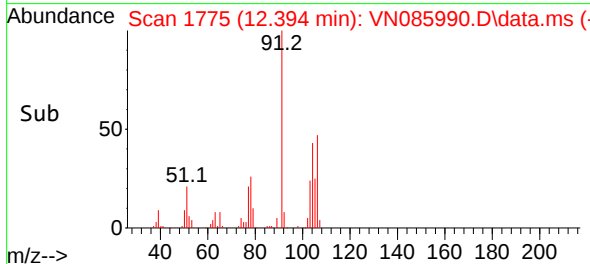
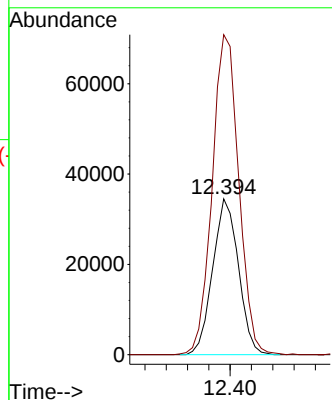
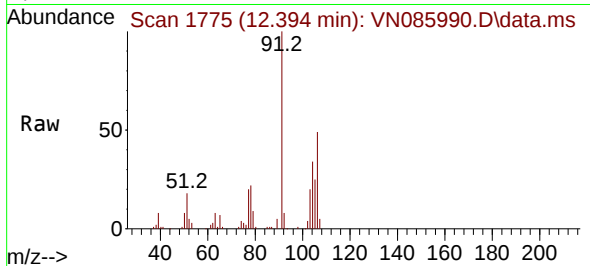
#69
o-Xylene
Concen: 20.091 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion:106 Resp: 5784
Ion Ratio Lower Upper
106 100
91 212.0 107.1 321.4

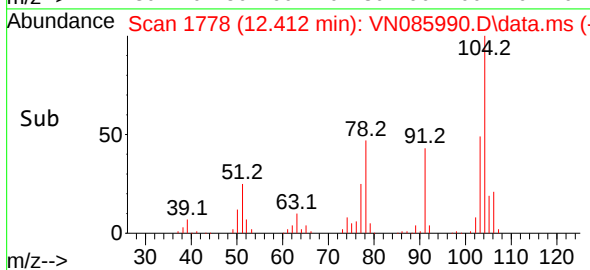
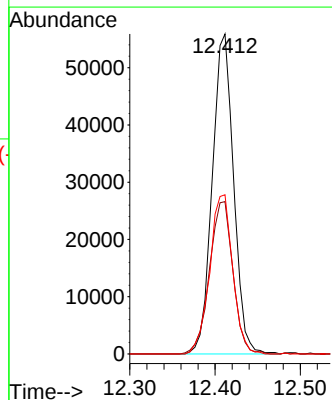
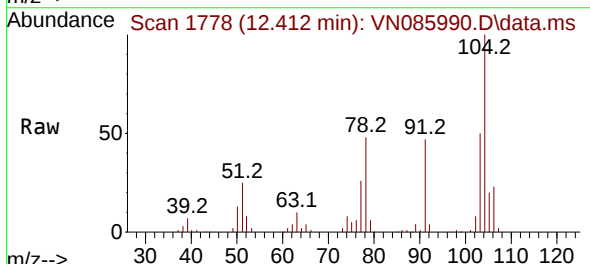
Manual Integrations
APPROVED

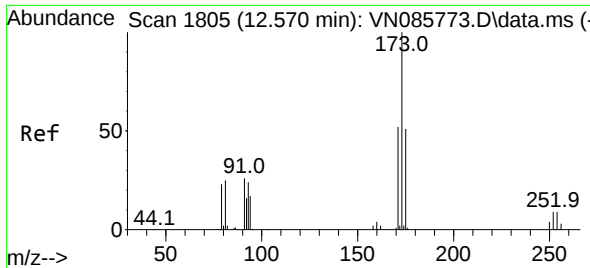
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#70
Styrene
Concen: 19.621 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

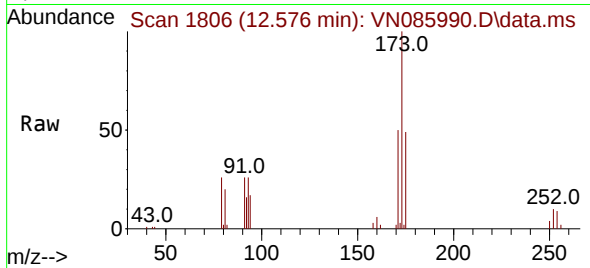
Tgt Ion:104 Resp: 97252
Ion Ratio Lower Upper
104 100
78 52.2 39.0 58.6
103 53.4 43.3 64.9





#71
Bromoform
Concen: 21.147 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

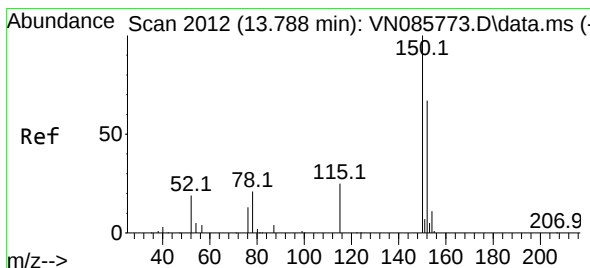
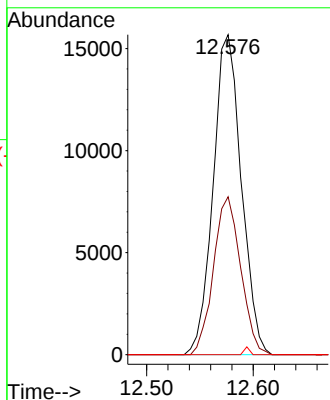
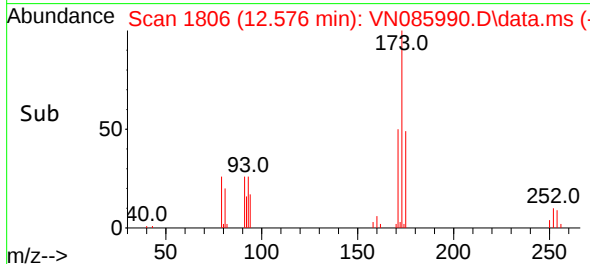
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



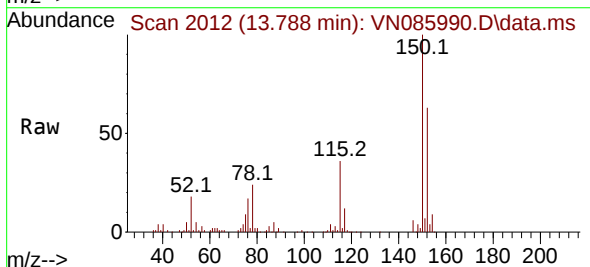
Tgt Ion:173 Resp: 28759
Ion Ratio Lower Upper
173 100
175 47.7 25.1 75.4
254 0.5 0.0 0.0

Manual Integrations
APPROVED

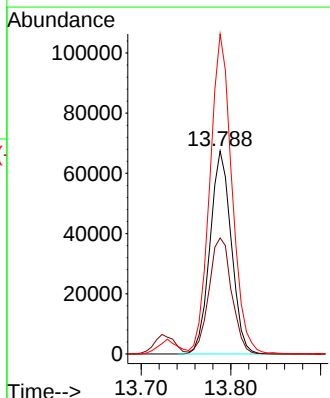
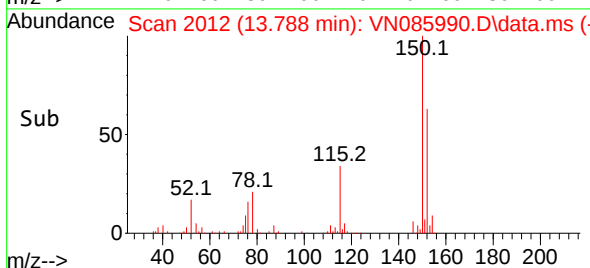
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

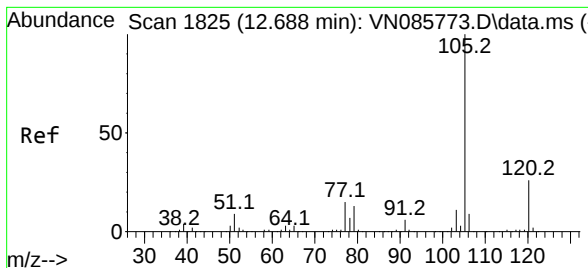


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



Tgt Ion:152 Resp: 110861
Ion Ratio Lower Upper
152 100
115 61.3 30.4 91.3
150 163.7 0.0 345.4





#73

Isopropylbenzene

Concen: 19.327 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085990.D

Acq: 14 Mar 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion:105 Resp: 146792

Ion Ratio Lower Upper

105 100

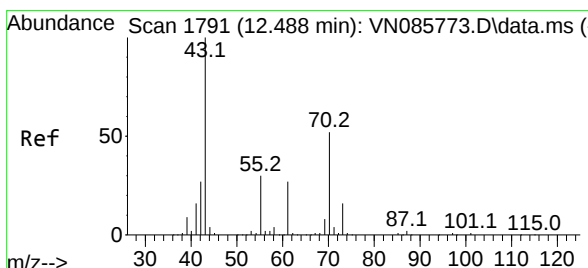
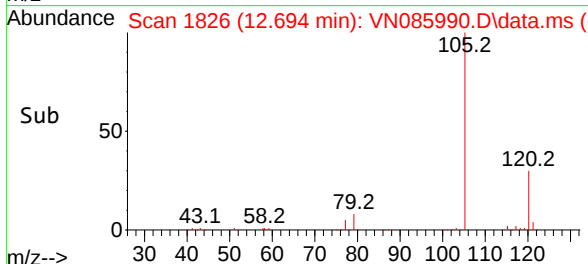
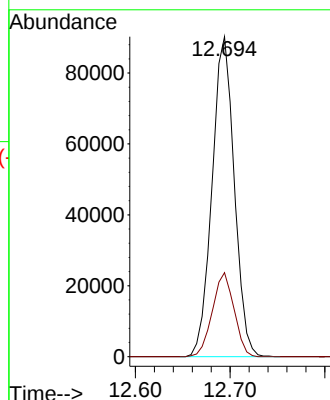
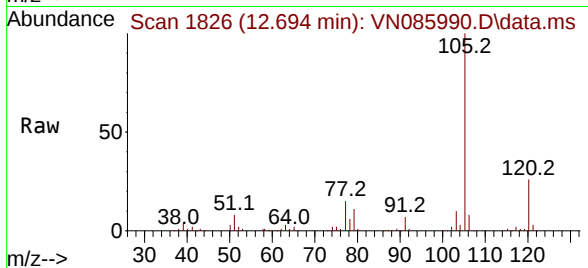
120 25.6 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#74

N-ethyl acetate

Concen: 17.537 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN085990.D

Acq: 14 Mar 2025 15:33

Tgt Ion: 43 Resp: 46970

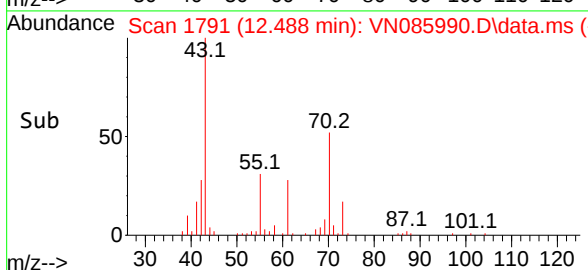
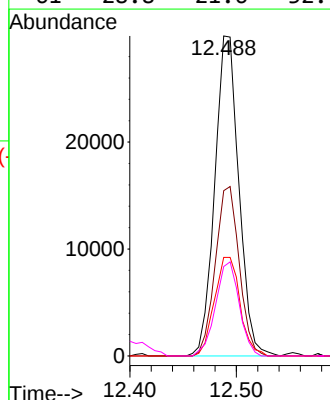
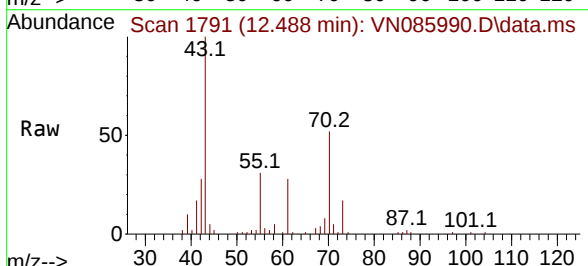
Ion Ratio Lower Upper

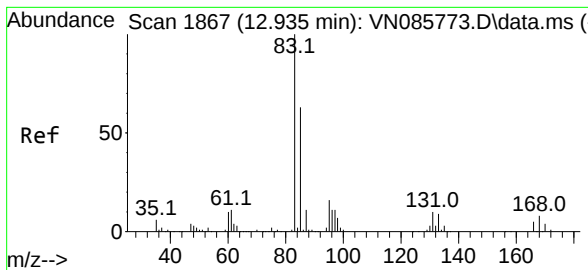
43 100

70 52.4 41.0 61.4

55 32.7 24.6 36.8

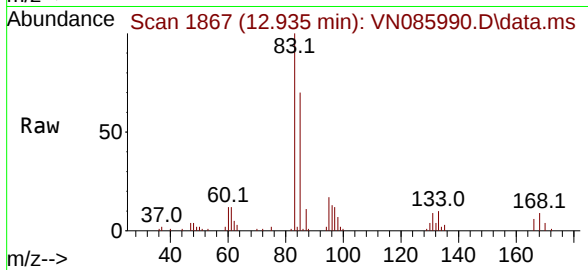
61 28.8 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 17.772 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

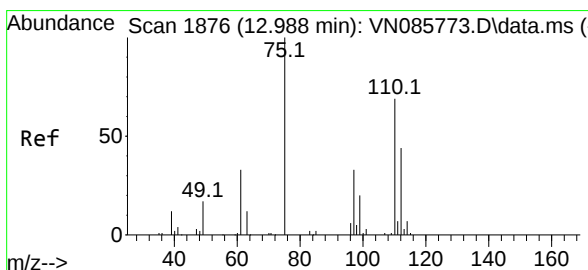
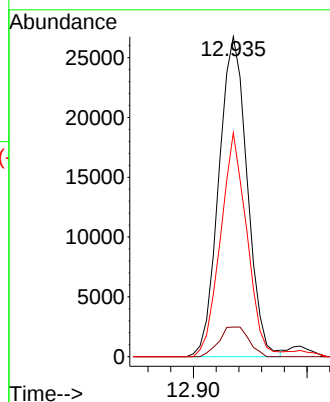
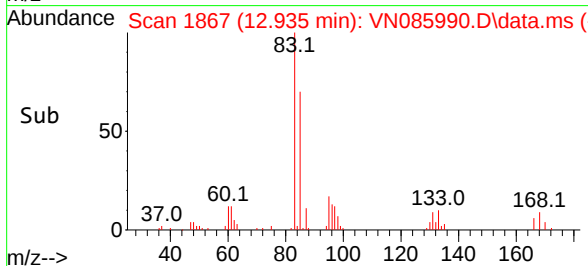
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 83 Resp: 46448
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 65.0 32.2 96.6

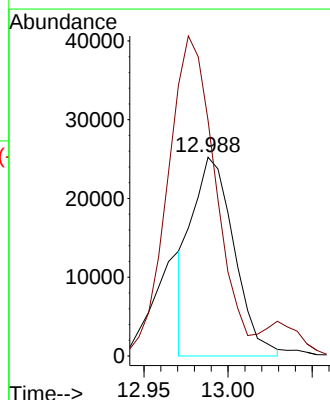
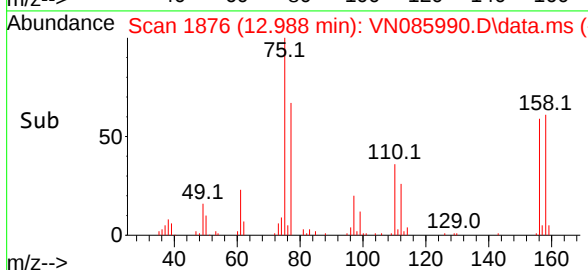
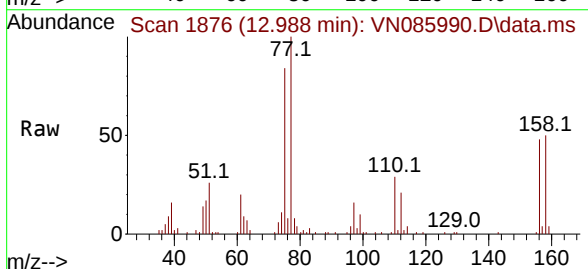
Manual Integrations
APPROVED

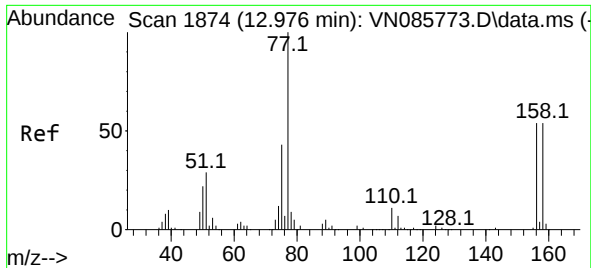
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#76
1,2,3-Trichloropropane
Concen: 17.959 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

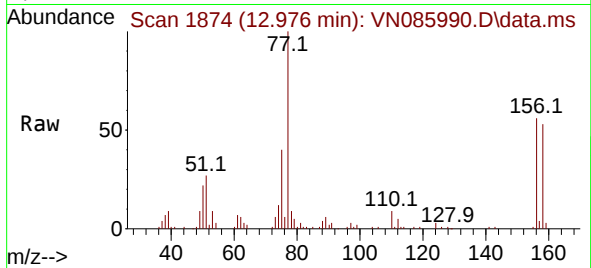
Tgt Ion: 75 Resp: 44227
Ion Ratio Lower Upper
75 100
77 183.0 100.0 300.0





#77
Bromobenzene
Concen: 19.118 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

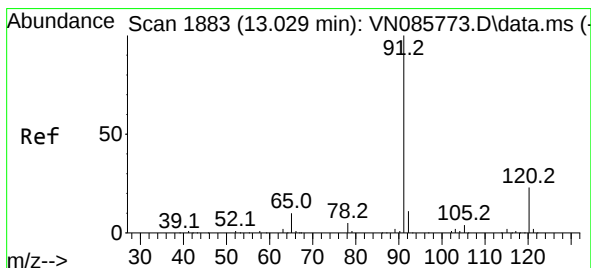
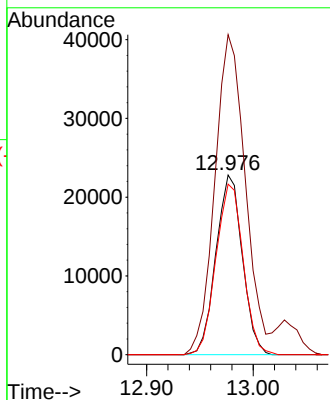
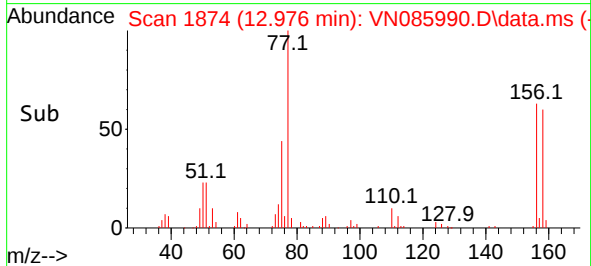
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



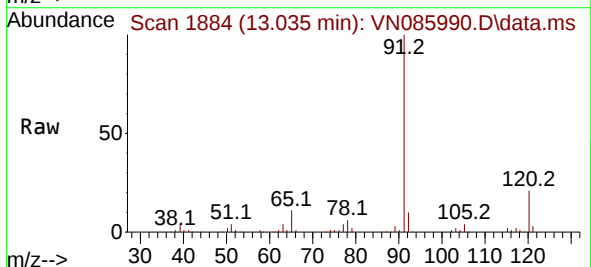
Tgt Ion:156 Resp: 39229
Ion Ratio Lower Upper
156 100
77 206.3 104.1 312.3
158 97.8 48.1 144.4

Manual Integrations
APPROVED

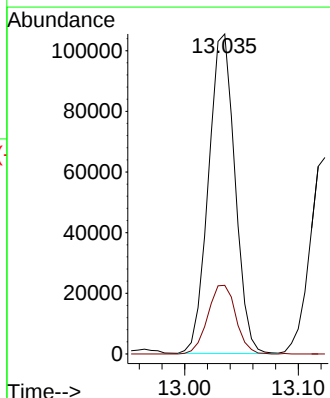
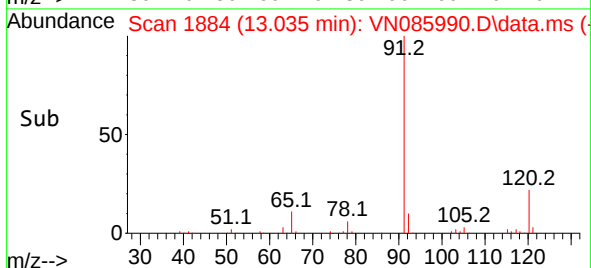
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025

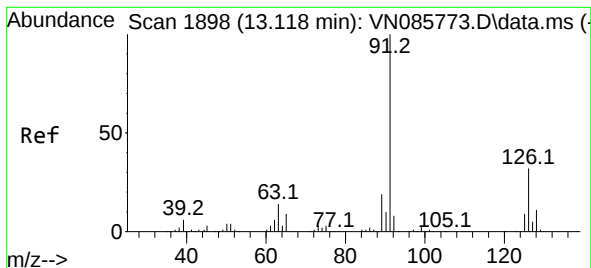


#78
n-propylbenzene
Concen: 19.611 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



Tgt Ion: 91 Resp: 170577
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8





#79

2-Chlorotoluene

Concen: 19.239 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085990.D

Acq: 14 Mar 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

Tgt Ion: 91 Resp: 111800

Ion Ratio Lower Upper

91 100

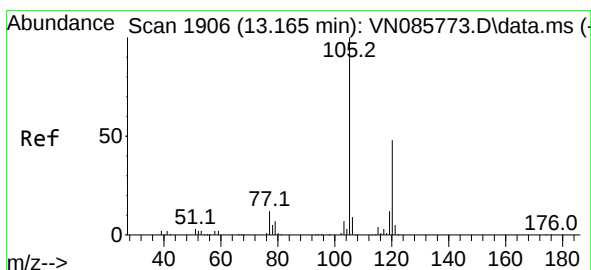
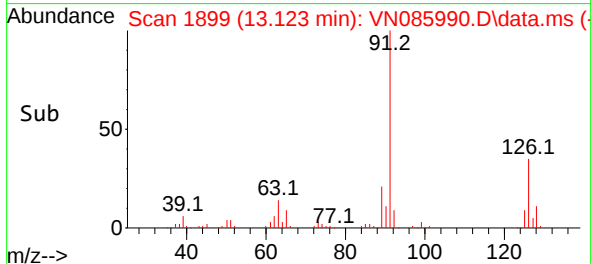
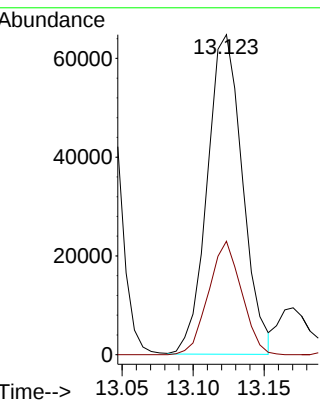
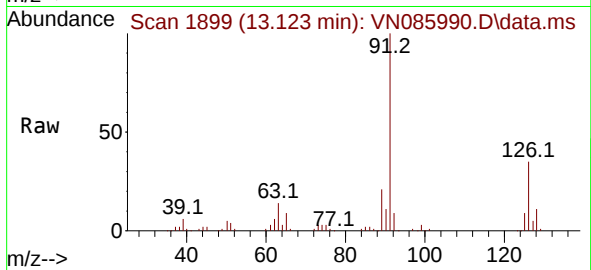
126 33.2 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#80

1,3,5-Trimethylbenzene

Concen: 20.498 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VN085990.D

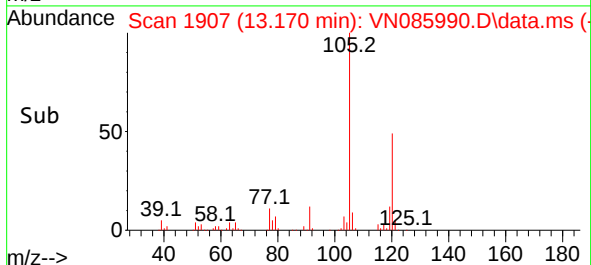
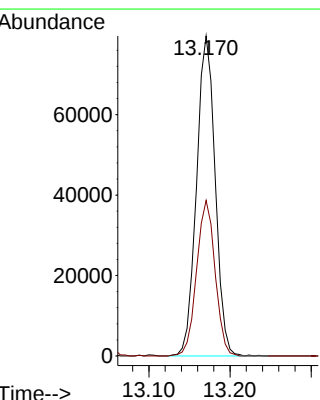
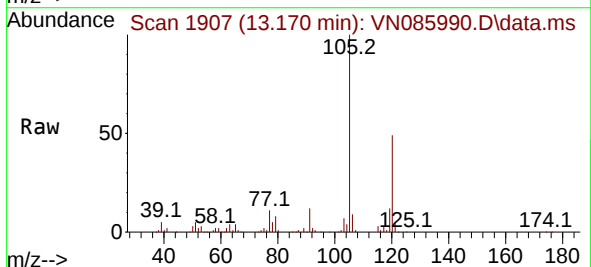
Acq: 14 Mar 2025 15:33

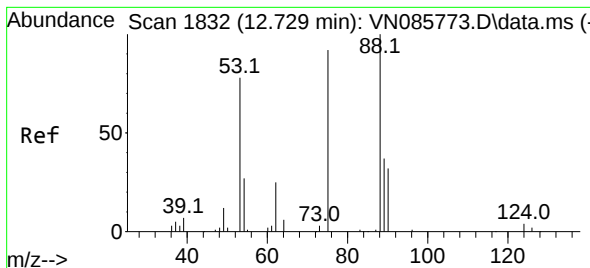
Tgt Ion:105 Resp: 126817

Ion Ratio Lower Upper

105 100

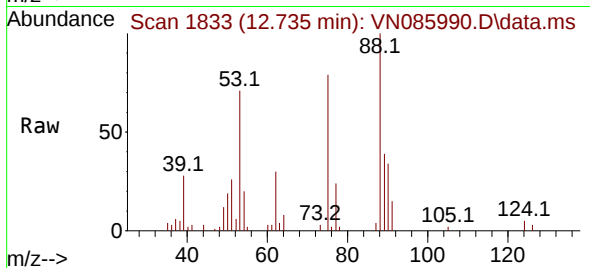
120 48.1 24.3 72.9





#81
trans-1,4-Dichloro-2-butene
Concen: 18.622 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

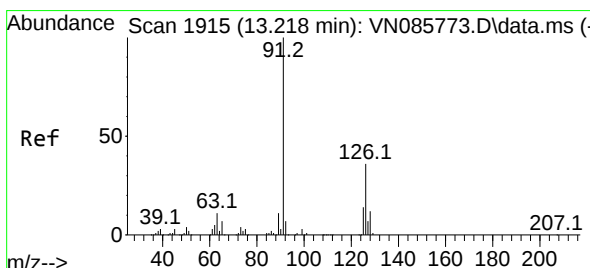
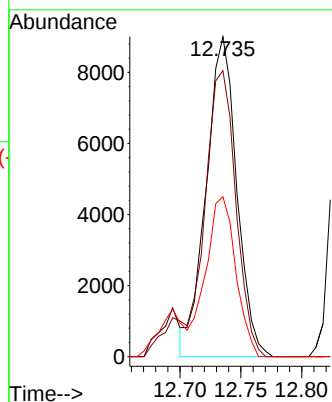
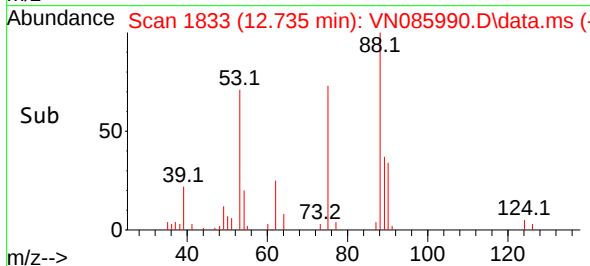
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



Tgt Ion: 75 Resp: 1571
Ion Ratio Lower Upper
75 100
53 98.7 74.2 111.4
89 49.2 34.9 52.3

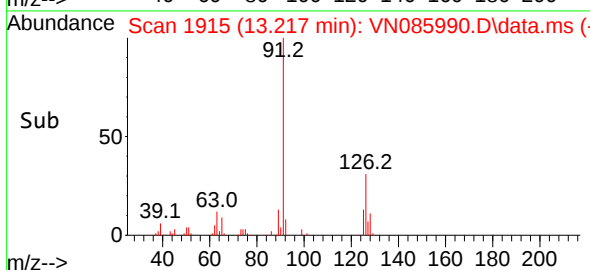
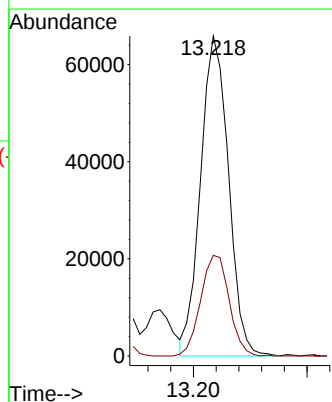
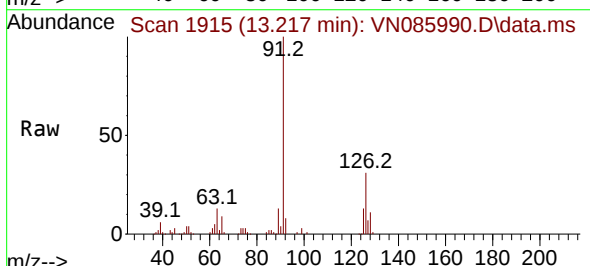
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#82
4-Chlorotoluene
Concen: 19.560 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

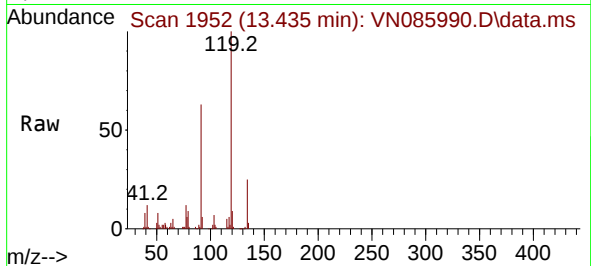
Tgt Ion: 91 Resp: 112694
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 19.339 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

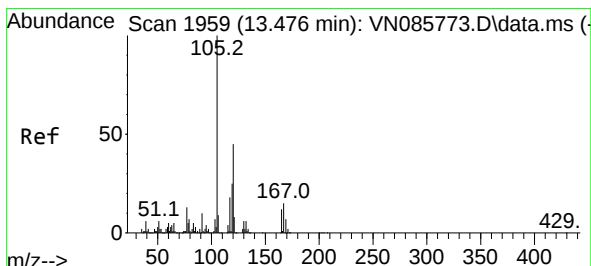
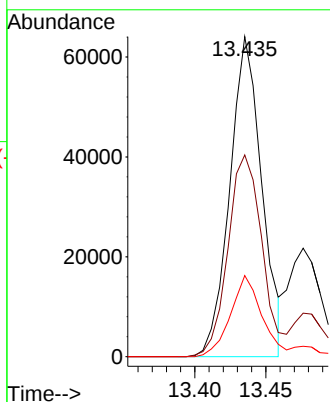
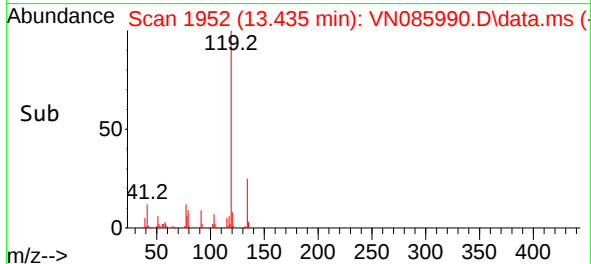
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01



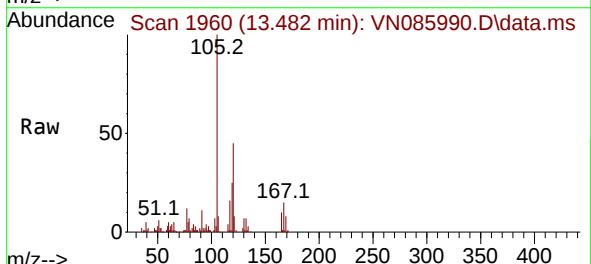
Tgt Ion:119 Resp: 100612
 Ion Ratio Lower Upper
 119 100
 91 67.5 32.5 97.5
 134 24.8 13.3 39.9

Manual Integrations
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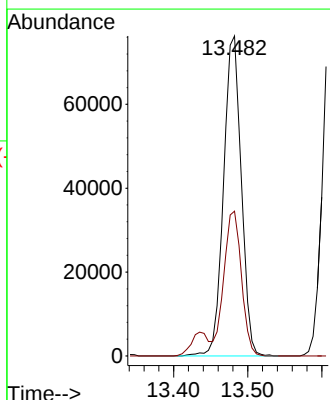
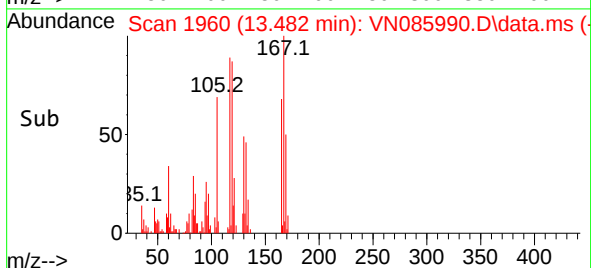
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 20.703 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33



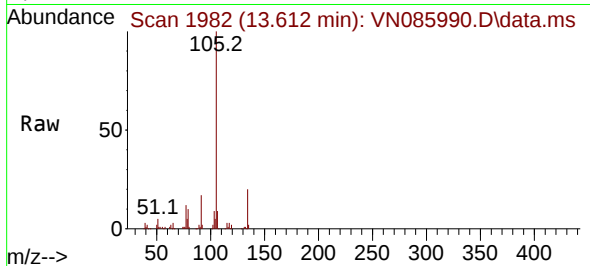
Tgt Ion:105 Resp: 126724
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 19.192 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

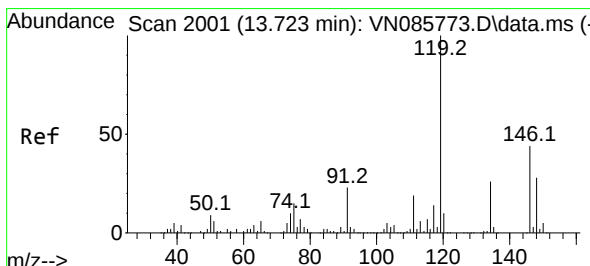
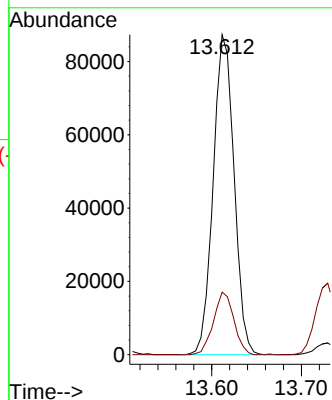
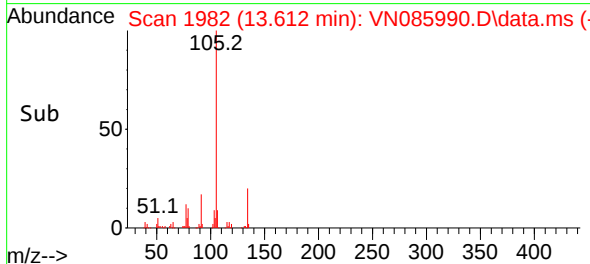
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01



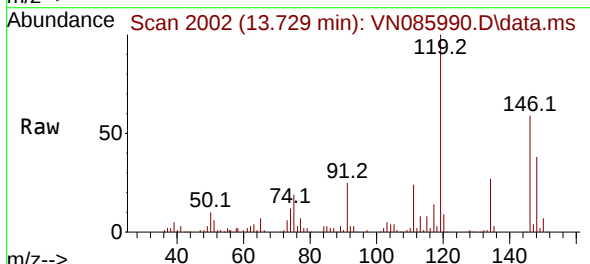
Tgt Ion:105 Resp: 141080
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

Manual Integrations
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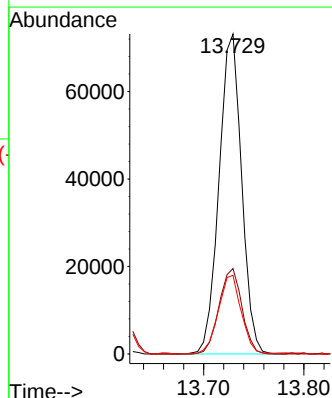
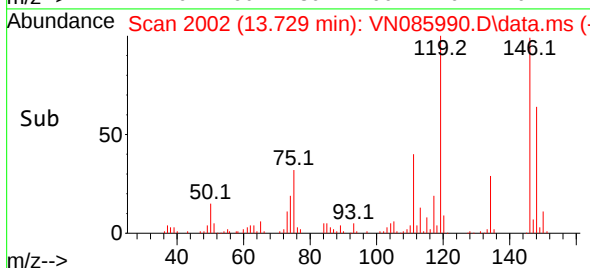
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

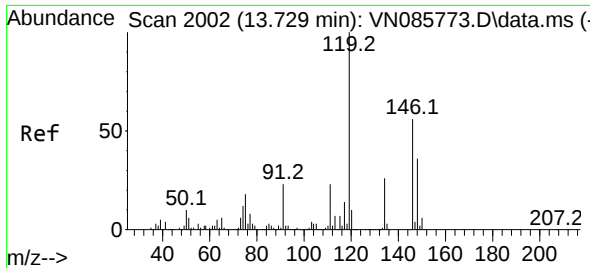


#86
 p-Isopropyltoluene
 Concen: 18.251 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33



Tgt Ion:119 Resp: 114170
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.0 39.0
 91 25.1 11.7 35.1





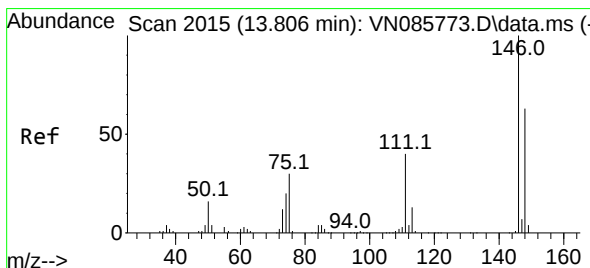
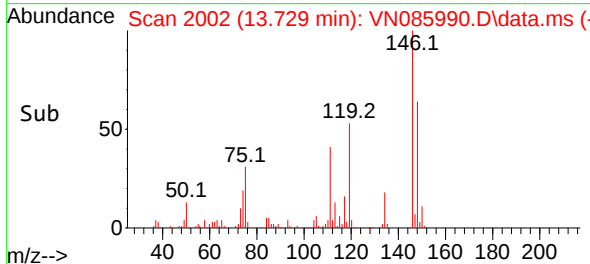
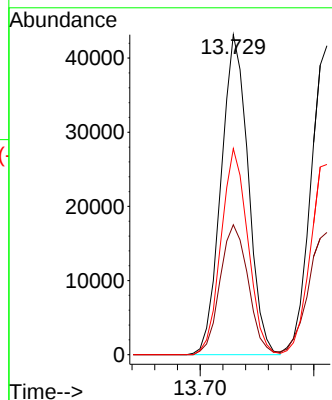
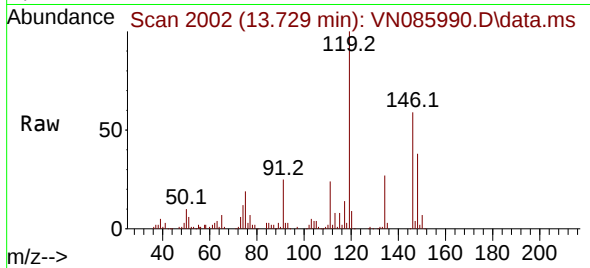
#87
 1,3-Dichlorobenzene
 Concen: 18.618 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBSD01

Tgt Ion:146 Resp: 7157
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.1 63.3
 148 63.7 32.1 96.5

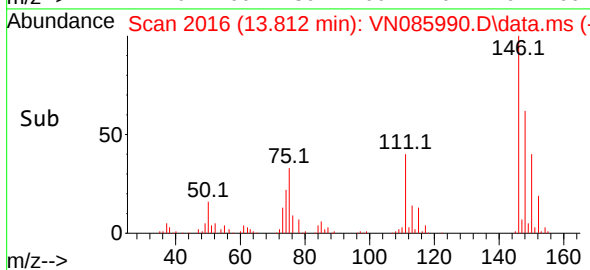
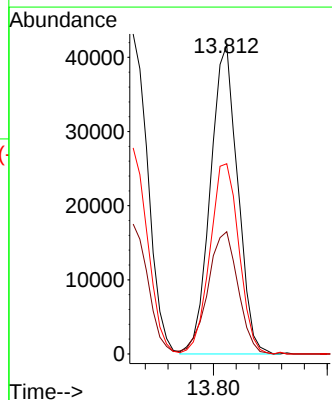
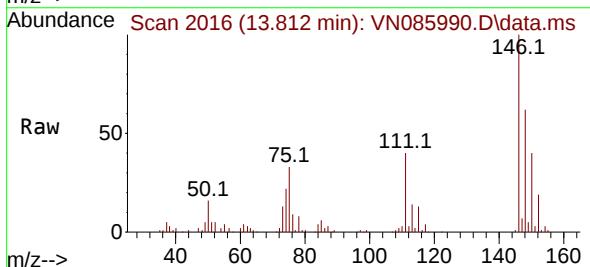
Manual Integrations
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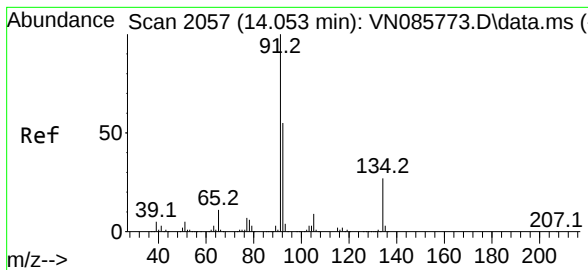
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#88
 1,4-Dichlorobenzene
 Concen: 17.664 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

Tgt Ion:146 Resp: 69601
 Ion Ratio Lower Upper
 146 100
 111 44.0 20.4 61.3
 148 65.4 31.8 95.4





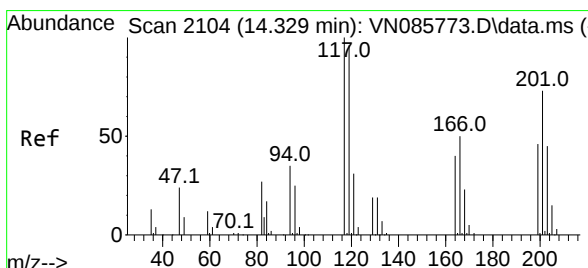
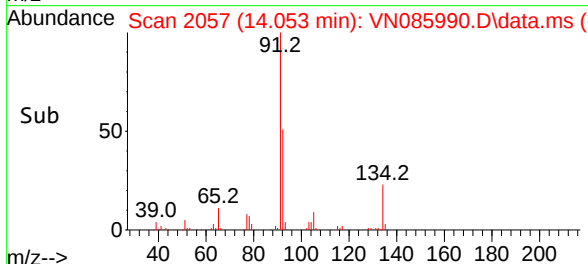
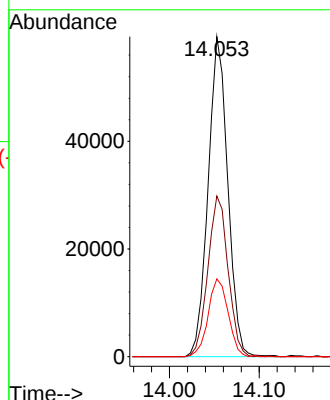
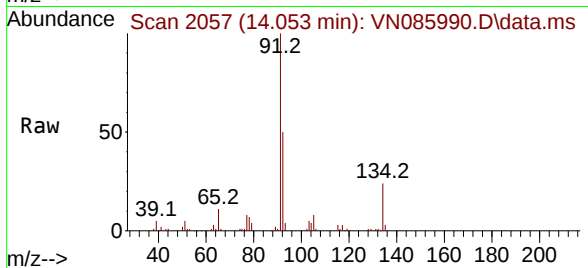
#89
n-Butylbenzene
Concen: 17.333 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01

Tgt Ion: 91 Resp: 90459
Ion Ratio Lower Upper
91 100
92 51.5 27.1 81.3
134 24.8 12.7 38.1

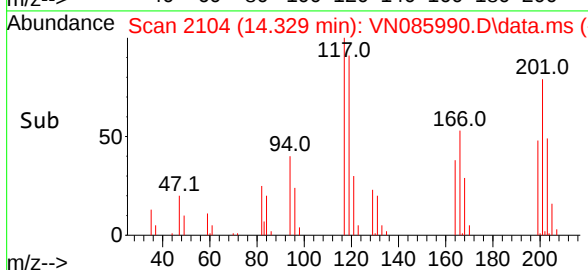
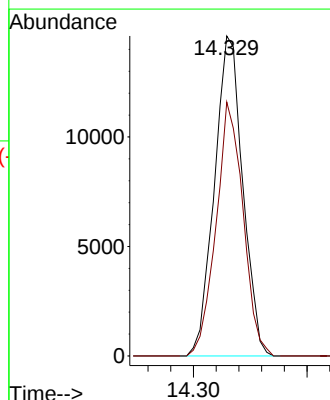
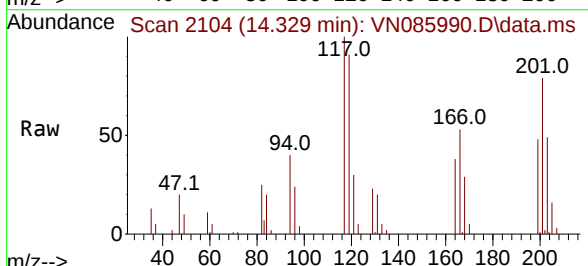
Manual Integrations
APPROVED

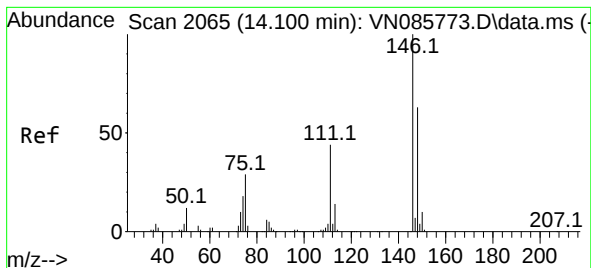
Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#90
Hexachloroethane
Concen: 18.180 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

Tgt Ion:117 Resp: 25309
Ion Ratio Lower Upper
117 100
201 75.7 35.6 106.9





#91

1,2-Dichlorobenzene

Concen: 18.517 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN085990.D

Acq: 14 Mar 2025 15:33

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBSD01

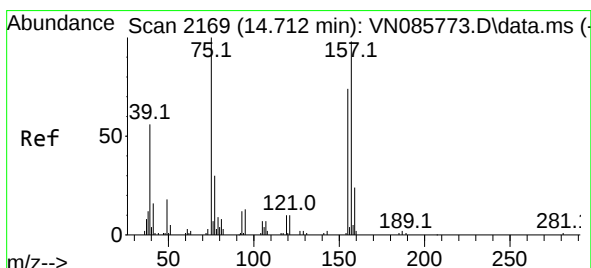
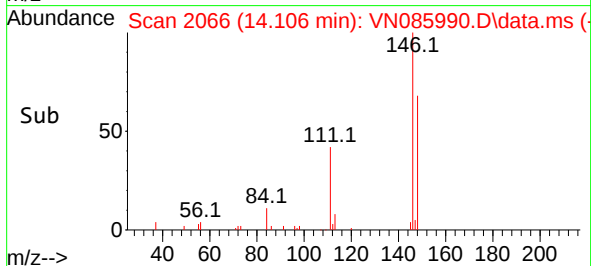
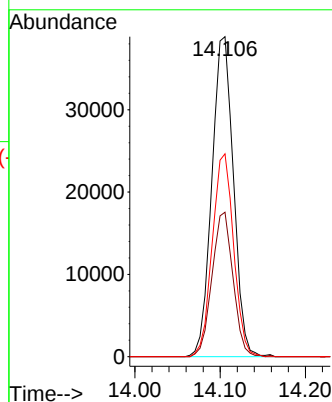
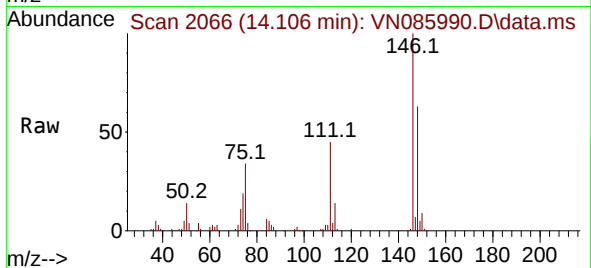
Tgt Ion:	146	Resp:	6845
Ion Ratio	Lower	Upper	
146	100		
111	44.0	21.4	64.3
148	62.7	32.0	96.2

Manual Integrations

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Reviewed By :John Carlone 03/18/2025

Supervised By :Mahesh Dadoda 03/18/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.524 ug/l

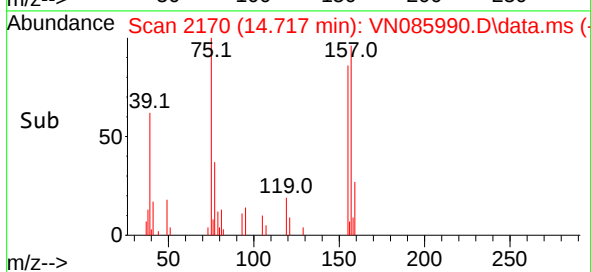
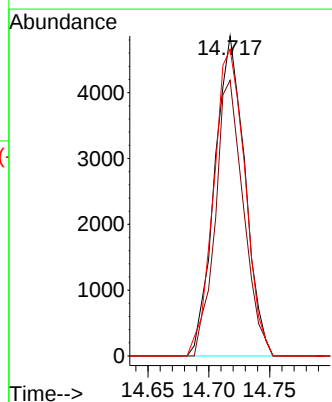
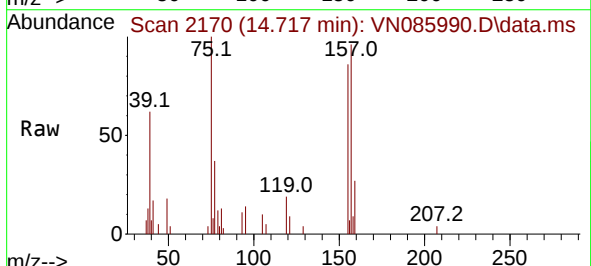
RT: 14.717 min Scan# 2170

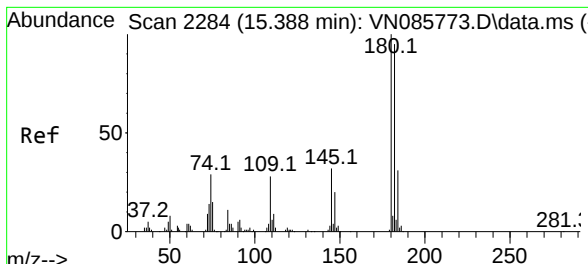
Delta R.T. 0.006 min

Lab File: VN085990.D

Acq: 14 Mar 2025 15:33

Tgt Ion:	75	Resp:	8410
Ion Ratio	Lower	Upper	
75	100		
155	80.2	39.9	119.6
157	99.3	49.9	149.7





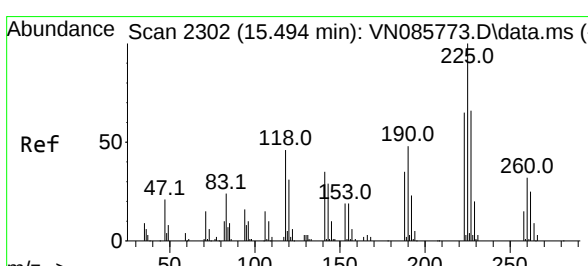
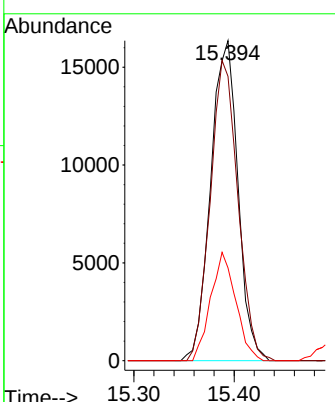
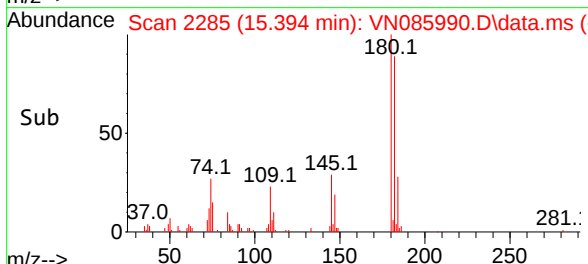
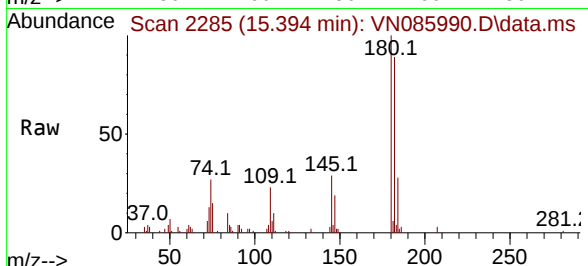
#93
 1,2,4-Trichlorobenzene
 Concen: 17.536 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

Instrument : MSVOA_N
 ClientSampleId : VN0314WBSD01

Tgt Ion:	180	Resp:	3089
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.3	141.9
145	31.3	16.2	48.5

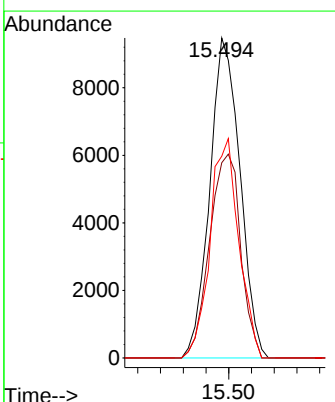
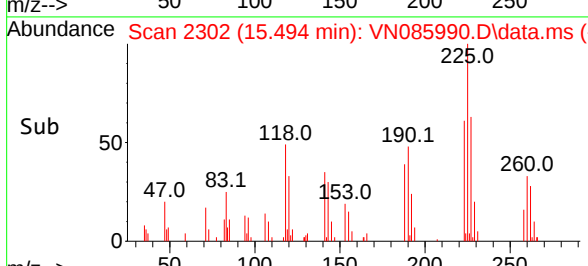
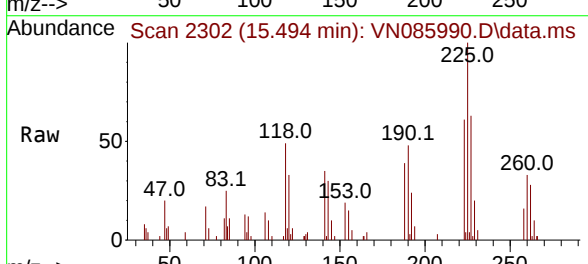
Manual Integrations
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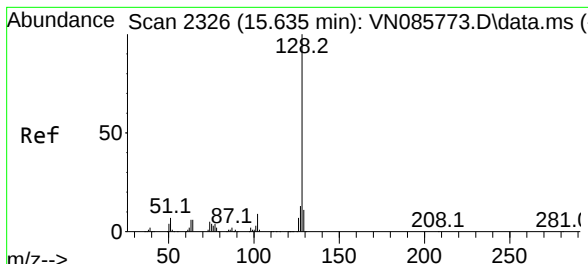
Reviewed By :John Carlone 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025



#94
 Hexachlorobutadiene
 Concen: 16.341 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.000 min
 Lab File: VN085990.D
 Acq: 14 Mar 2025 15:33

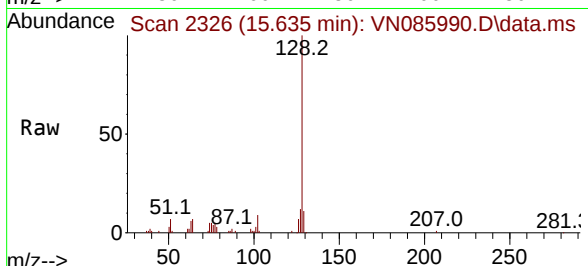
Tgt Ion:	225	Resp:	17494
Ion Ratio	Lower	Upper	
225	100		
223	65.5	31.9	95.5
227	65.2	32.2	96.6





#95
Naphthalene
Concen: 16.696 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33

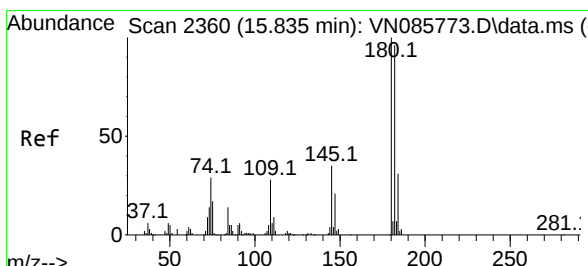
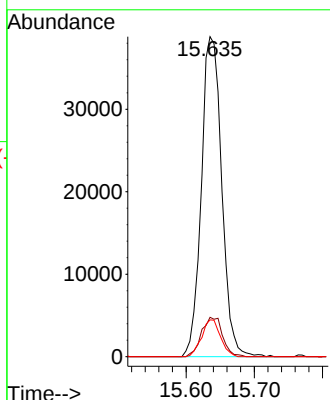
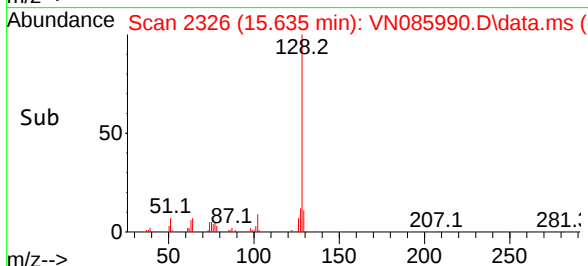
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBSD01



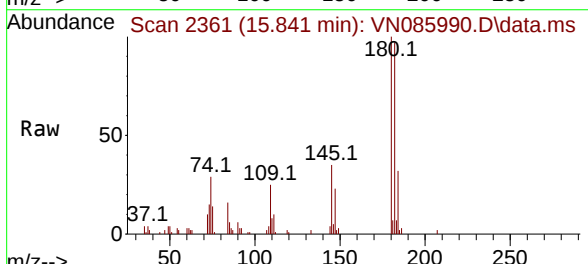
Tgt Ion:128 Resp: 80740
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 03/18/2025
Supervised By :Mahesh Dadoda 03/18/2025



#96
1,2,3-Trichlorobenzene
Concen: 17.205 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085990.D
Acq: 14 Mar 2025 15:33



Tgt Ion:180 Resp: 30426
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.8
145 34.8 16.9 50.6

