

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031325\
 Data File : VN085982.D
 Acq On : 13 Mar 2025 16:03
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 14 00:29:29 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

Manual Integrations APPROVED

Reviewed By : John Carlone 03/14/2025
 Supervised By : Mahesh Dadoda 03/17/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	155178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	247487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	125876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97326	48.377	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.760%		
35) Dibromofluoromethane	8.165	113	77648	47.948	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.900%		
50) Toluene-d8	10.565	98	288213	48.916	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.840%		
62) 4-Bromofluorobenzene	12.847	95	107142	55.191	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	110.380%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	112468	53.284	ug/l	100
3) Chloromethane	2.359	50	89750	42.374	ug/l	100
4) Vinyl Chloride	2.512	62	93346	41.625	ug/l	98
5) Bromomethane	2.953	94	58651	40.902	ug/l	95
6) Chloroethane	3.118	64	56172	37.815	ug/l	97
7) Trichlorofluoromethane	3.495	101	164216	50.577	ug/l	98
8) Diethyl Ether	3.959	74	51854	49.359	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	92313	49.186	ug/l	99
10) Methyl Iodide	4.589	142	118610	51.269	ug/l	94
11) Tert butyl alcohol	5.518	59	56220	227.206	ug/l	99
12) 1,1-Dichloroethene	4.342	96	84630	49.731	ug/l	99
13) Acrolein	4.177	56	92716	252.674	ug/l	99
14) Allyl chloride	5.024	41	106406	47.625	ug/l	98
15) Acrylonitrile	5.718	53	197975	246.112	ug/l	99
16) Acetone	4.424	43	171838	269.940	ug/l	98
17) Carbon Disulfide	4.712	76	250177	49.604	ug/l	100
18) Methyl Acetate	5.018	43	85585	39.088	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	280254	55.421	ug/l	98
20) Methylene Chloride	5.271	84	98166	47.952	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	91755	50.074	ug/l	94
22) Diisopropyl ether	6.665	45	250932	49.704	ug/l	99
23) Vinyl Acetate	6.600	43	887028	256.609	ug/l	100
24) 1,1-Dichloroethane	6.565	63	165721	48.288	ug/l	99
25) 2-Butanone	7.477	43	231162	246.829	ug/l	97
26) 2,2-Dichloropropane	7.488	77	160648	52.642	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	106148	49.961	ug/l	99
28) Bromochloromethane	7.812	49	72867	51.658	ug/l	100
29) Tetrahydrofuran	7.835	42	150331	248.581	ug/l	97
30) Chloroform	7.965	83	182055	50.761	ug/l	99
31) Cyclohexane	8.253	56	140159	48.776	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	169776	53.221	ug/l	98
36) 1,1-Dichloropropene	8.371	75	125050	54.561	ug/l	100
37) Ethyl Acetate	7.559	43	92208	48.887	ug/l	98
38) Carbon Tetrachloride	8.359	117	157626	57.881	ug/l	93
39) Methylcyclohexane	9.600	83	128014	56.855	ug/l	96
40) Benzene	8.606	78	392382	53.416	ug/l	98

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 Supervised By :Mahesh Dadoda 03/17/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	48480	48.082	ug/l	91
42) 1,2-Dichloroethane	8.665	62	133126	55.638	ug/l	98
43) Isopropyl Acetate	8.682	43	174609	52.780	ug/l	99
44) Trichloroethene	9.347	130	89424	49.580	ug/l	98
45) 1,2-Dichloropropane	9.618	63	90195	50.867	ug/l	100
46) Dibromomethane	9.706	93	66652	53.291	ug/l	99
47) Bromodichloromethane	9.888	83	145503	54.376	ug/l	99
48) Methyl methacrylate	9.677	41	73998	52.827	ug/l	94
49) 1,4-Dioxane	9.688	88	30488	1144.571	ug/l #	88
51) 4-Methyl-2-Pentanone	10.441	43	484494	266.427	ug/l	97
52) Toluene	10.629	92	249577	57.960	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	144062	58.223	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	152953	56.373	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	91623	53.517	ug/l	96
56) Ethyl methacrylate	10.871	69	135128	54.319	ug/l	97
57) 1,3-Dichloropropane	11.159	76	153831	53.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	261908	267.129	ug/l	97
59) 2-Hexanone	11.194	43	357316	285.620	ug/l	96
60) Dibromochloromethane	11.359	129	114331	57.350	ug/l	99
61) 1,2-Dibromoethane	11.465	107	90446	55.913	ug/l	99
64) Tetrachloroethene	11.100	164	85865	48.011	ug/l	94
65) Chlorobenzene	11.888	112	271942	51.421	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	100341	52.786	ug/l	98
67) Ethyl Benzene	11.965	91	473037	57.101	ug/l	97
68) m/p-Xylenes	12.070	106	375789	119.420	ug/l	98
69) o-Xylene	12.394	106	176009	58.861	ug/l	97
70) Styrene	12.412	104	308195	54.826	ug/l	99
71) Bromoform	12.576	173	79537	56.310	ug/l #	98
73) Isopropylbenzene	12.694	105	449574	52.132	ug/l	100
74) N-amyl acetate	12.494	43	144671	47.572	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	131158	44.198	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	122687m	43.877	ug/l	
77) Bromobenzene	12.976	156	115243	49.463	ug/l	98
78) n-propylbenzene	13.035	91	535748	54.246	ug/l	99
79) 2-Chlorotoluene	13.123	91	334375	50.673	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	395660	56.323	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	52071	54.336	ug/l	92
82) 4-Chlorotoluene	13.217	91	347879	53.179	ug/l	100
83) tert-Butylbenzene	13.435	119	321235	54.379	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	409361	58.900	ug/l	97
85) sec-Butylbenzene	13.612	105	452947	54.269	ug/l	99
86) p-Isopropyltoluene	13.723	119	388769	50.764	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	218146	49.975	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	214707	47.991	ug/l	100
89) n-Butylbenzene	14.053	91	317477	53.575	ug/l	99
90) Hexachloroethane	14.329	117	76632	48.480	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	207799	49.505	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	25421	46.651	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	102012	51.002	ug/l	98
94) Hexachlorobutadiene	15.500	225	55276	45.473	ug/l	99
95) Naphthalene	15.635	128	282284	51.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	100778	50.188	ug/l	99

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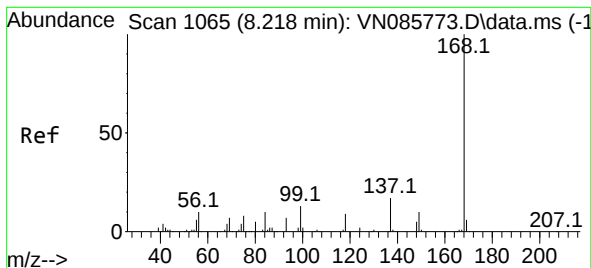
Manual Integrations
APPROVED

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Quant Time: Mar 14 00:29:29 2025
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Quant Title : SW846 8260
QLast Update : Wed Feb 19 03:43:32 2025
Response via : Initial Calibration

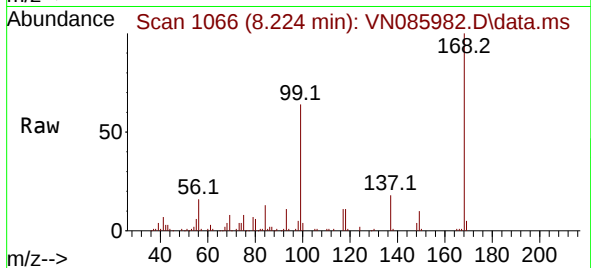
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

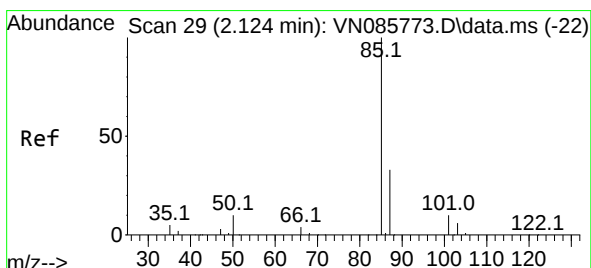
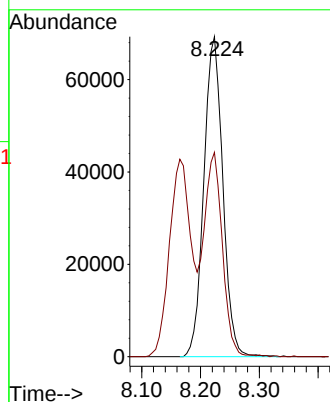
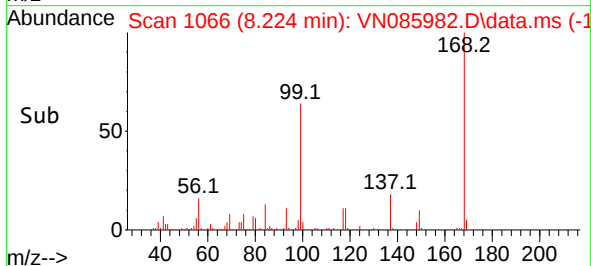
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ClientSampleId :
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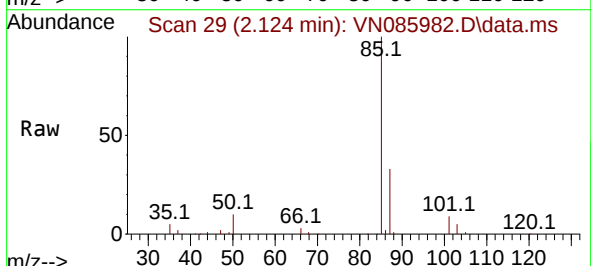
Tgt Ion:168 Resp: 155178
Ion Ratio Lower Upper
168 100
99 63.9 47.9 71.9

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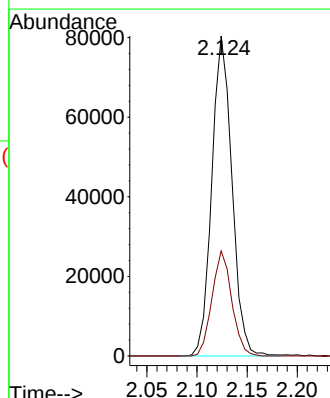
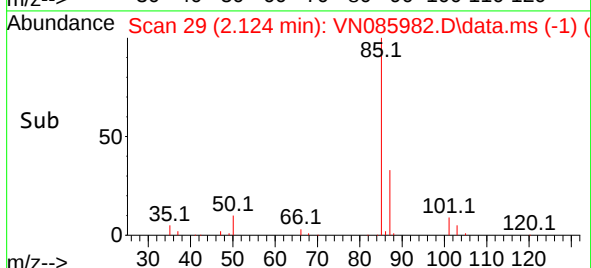
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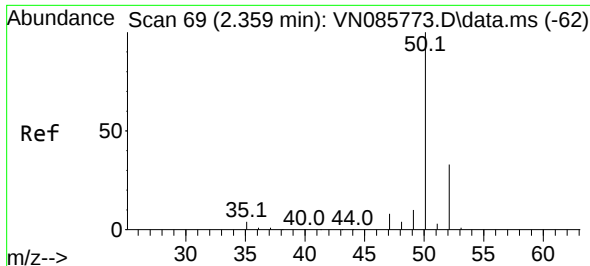


#2
Dichlorodifluoromethane
Concen: 53.284 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



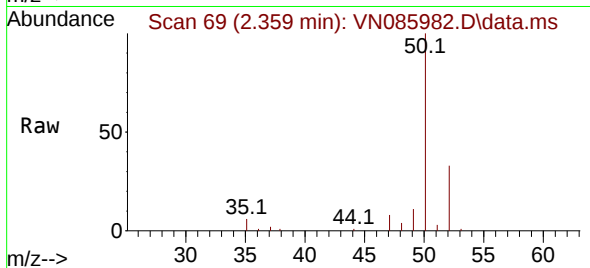
Tgt Ion: 85 Resp: 112468
Ion Ratio Lower Upper
85 100
87 32.8 16.4 49.2





#3
Chloromethane
Concen: 42.374 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

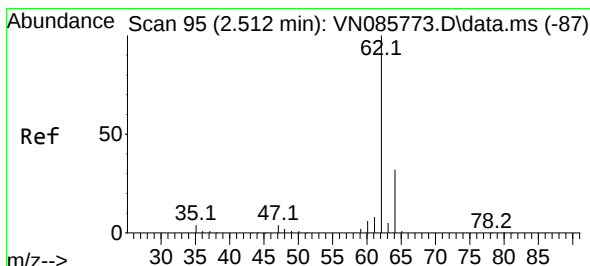
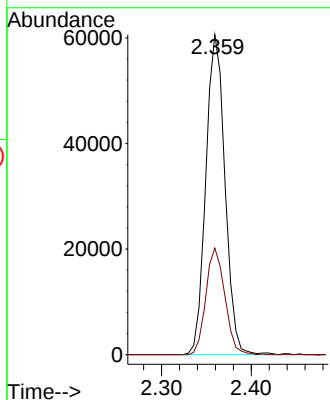
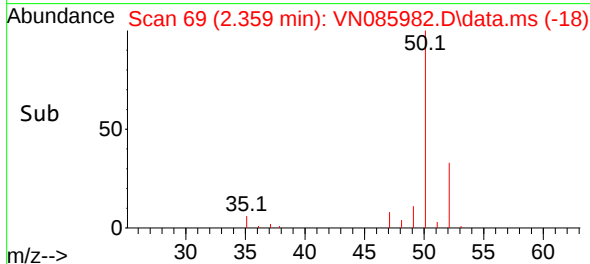
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Tgt Ion: 50 Resp: 89750
Ion Ratio Lower Upper
50 100
52 33.3 26.7 40.1

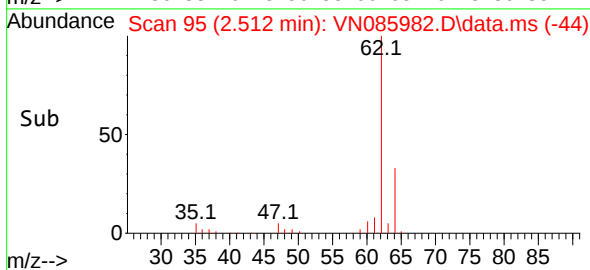
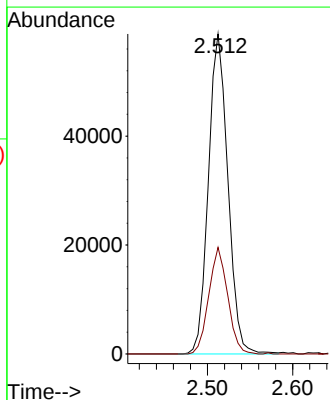
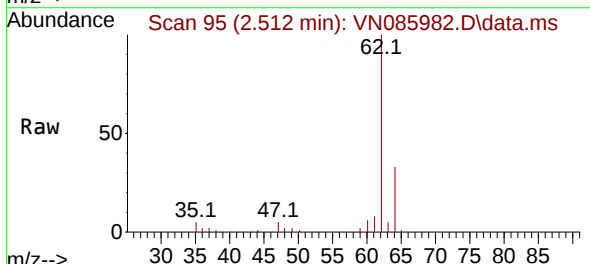
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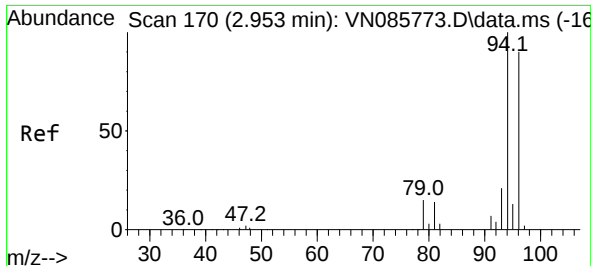
Reviewed By :John Carlone 03/14/2025
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#4
Vinyl Chloride
Concen: 41.625 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

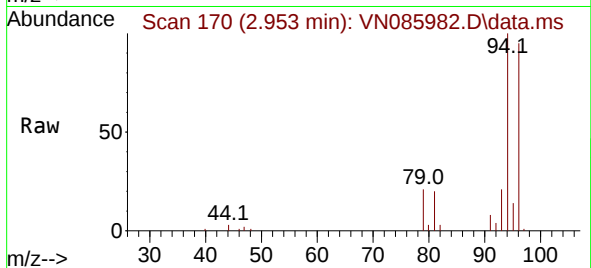
Tgt Ion: 62 Resp: 93346
Ion Ratio Lower Upper
62 100
64 33.3 25.9 38.9





#5
Bromomethane
Concen: 40.902 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085982.D
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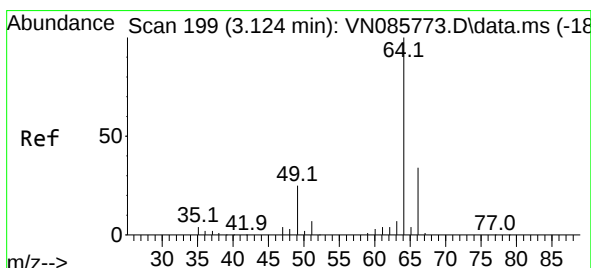
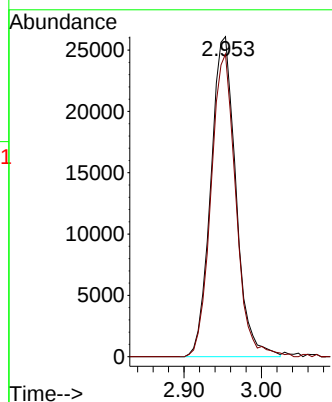
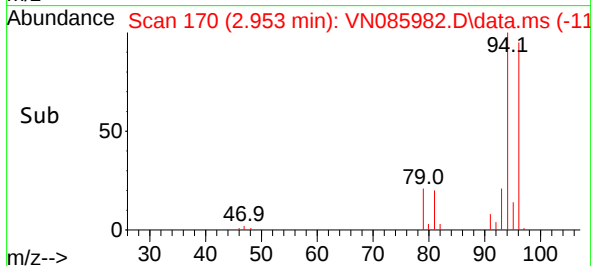
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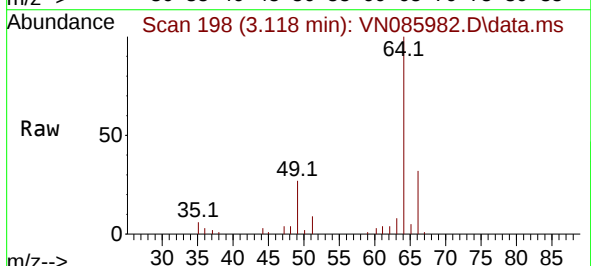
Tgt Ion: 94 Resp: 5865
Ion Ratio Lower Upper
94 100
96 94.5 71.7 107.5

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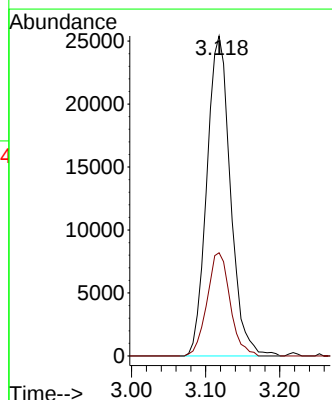
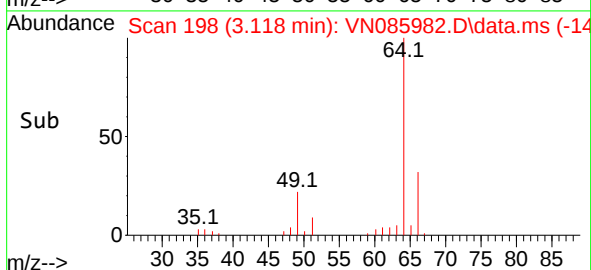
Reviewed By :John Carlone 03/14/2025
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#6
Chloroethane
Concen: 37.815 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085982.D
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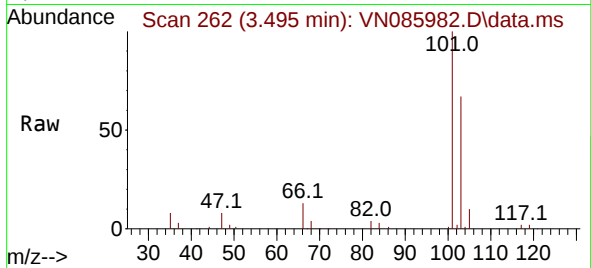
Tgt Ion: 64 Resp: 56172
Ion Ratio Lower Upper
64 100
66 32.2 27.0 40.6





#7
 Trichlorofluoromethane
 Concen: 50.577 ug/l
 RT: 3.495 min Scan# 262
 Delta R.T. -0.006 min
 Lab File: VN085982.D
 Acq: 13 Mar 2025 16:03

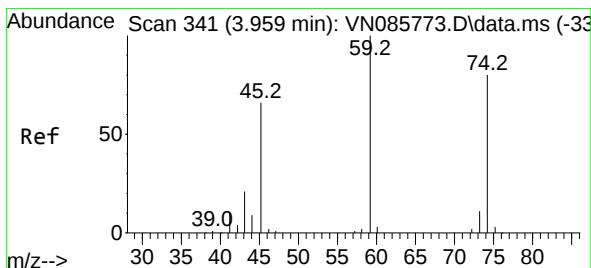
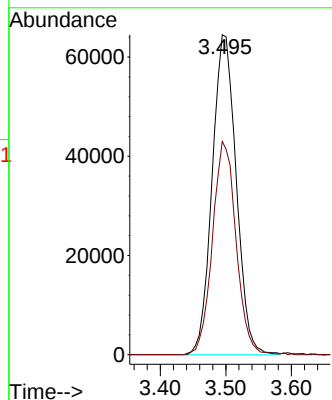
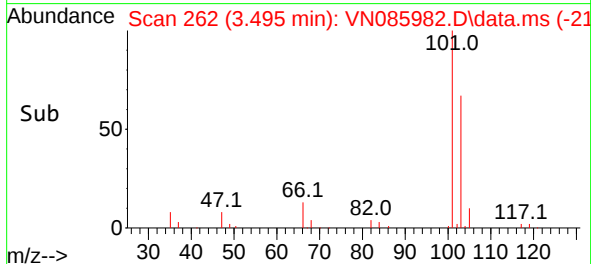
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 164210
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.2 78.4

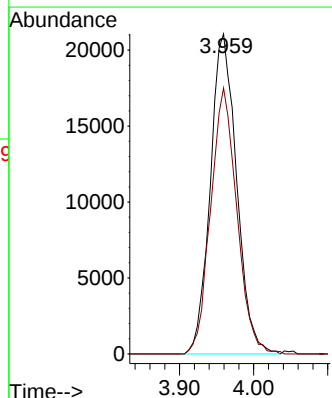
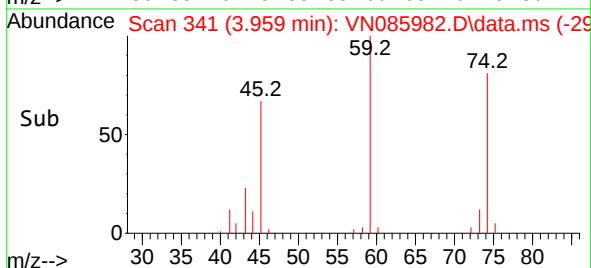
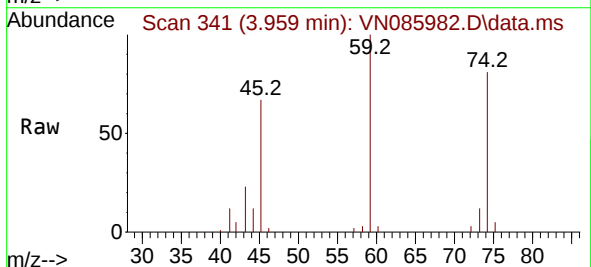
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#8
 Diethyl Ether
 Concen: 49.359 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN085982.D
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Tgt Ion: 74 Resp: 51854
 Ion Ratio Lower Upper
 74 100
 45 82.9 42.5 127.6





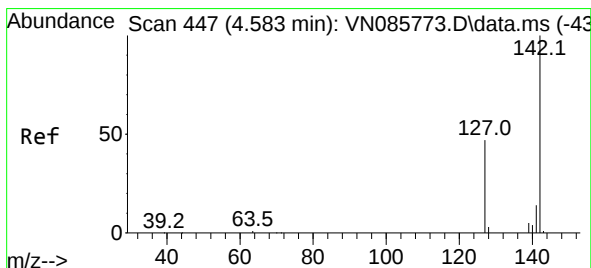
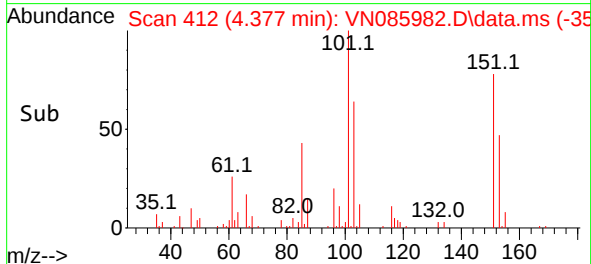
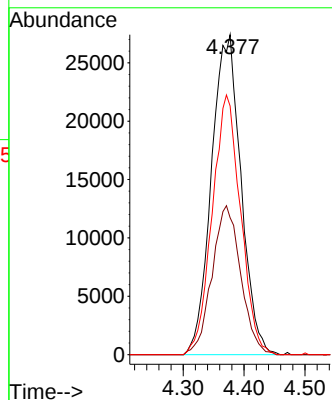
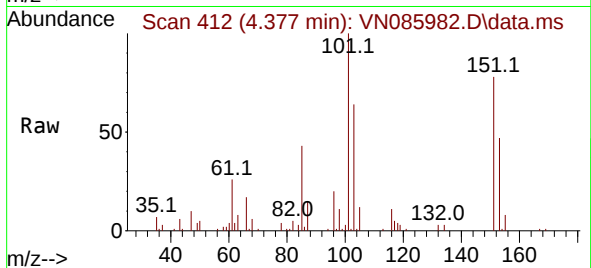
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.186 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
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Tgt Ion:101 Resp: 9231
Ion Ratio Lower Upper
101 100
85 45.4 35.7 53.5
151 78.0 61.4 92.2

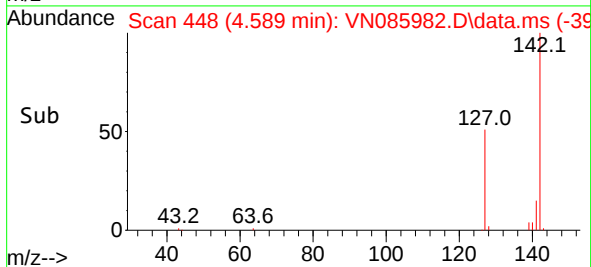
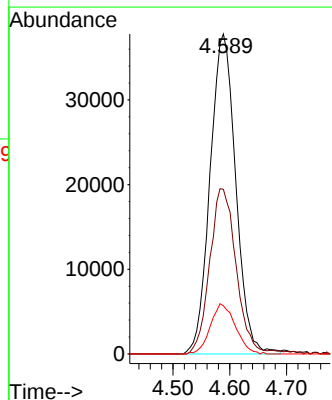
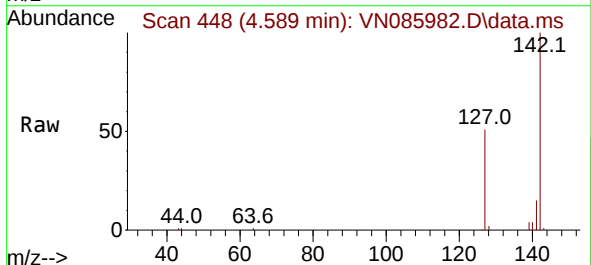
Manual Integrations
APPROVED

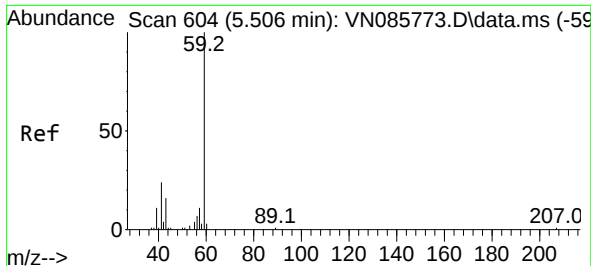
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#10
Methyl Iodide
Concen: 51.269 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

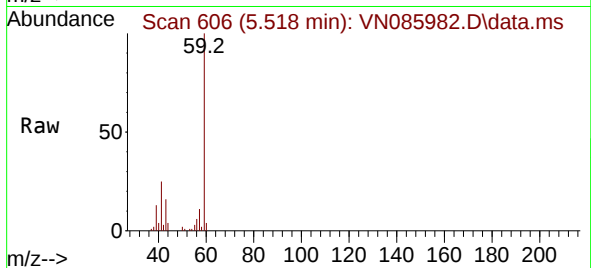
Tgt Ion:142 Resp: 118610
Ion Ratio Lower Upper
142 100
127 51.4 37.6 56.4
141 15.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 227.206 ug/l
RT: 5.518 min Scan# 604
Delta R.T. 0.012 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

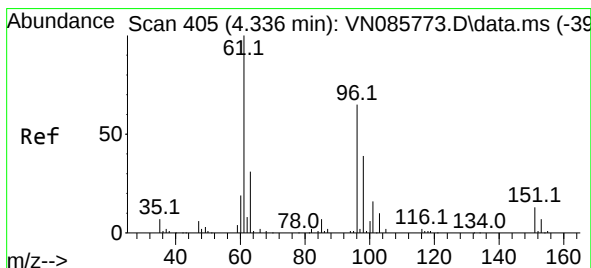
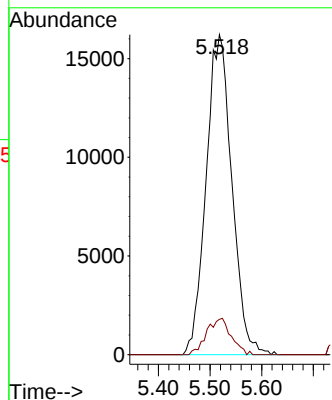
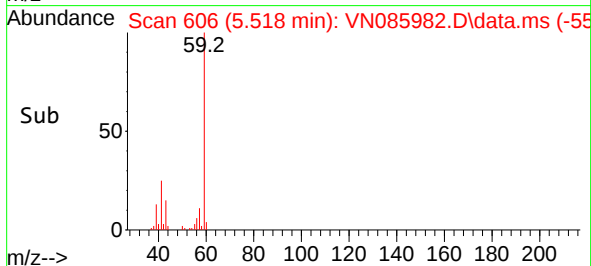
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



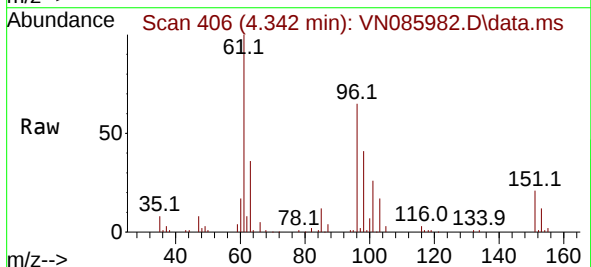
Tgt Ion: 59 Resp: 56220
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

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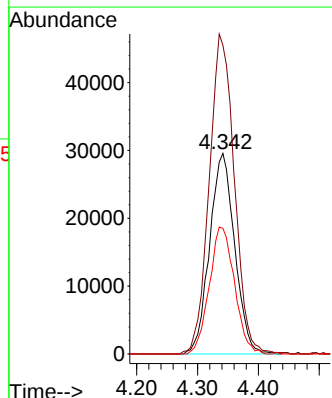
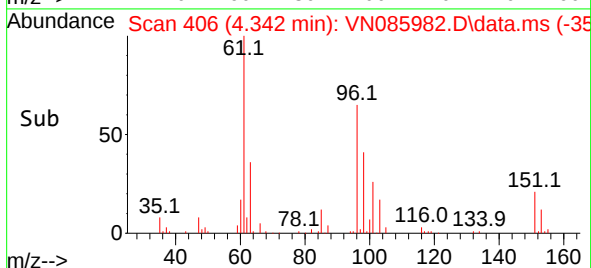
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

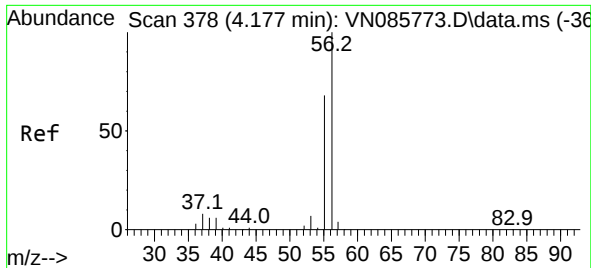


#12
1,1-Dichloroethene
Concen: 49.731 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



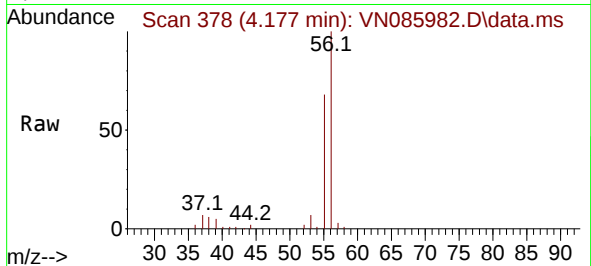
Tgt Ion: 96 Resp: 84630
Ion Ratio Lower Upper
96 100
61 153.9 123.3 184.9
98 62.7 48.6 72.8





#13
Acrolein
Concen: 252.674 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

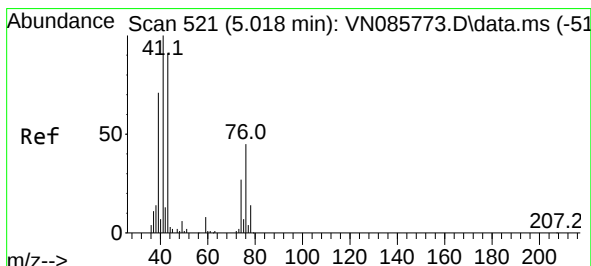
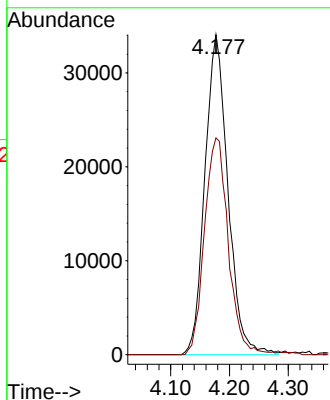
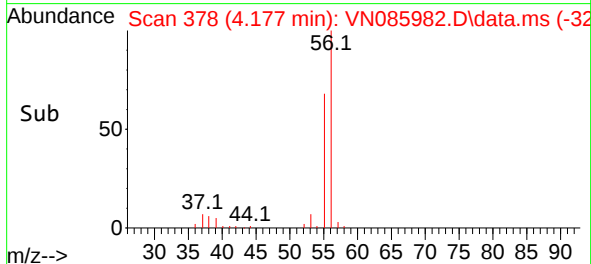
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



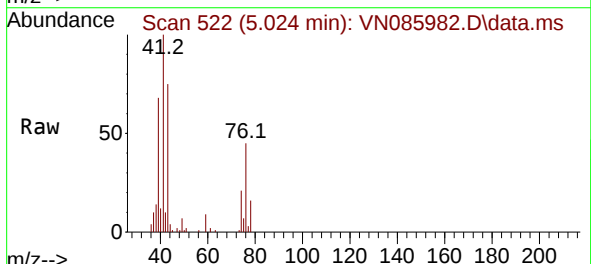
Tgt Ion: 56 Resp: 92710
Ion Ratio Lower Upper
56 100
55 69.9 55.3 82.9

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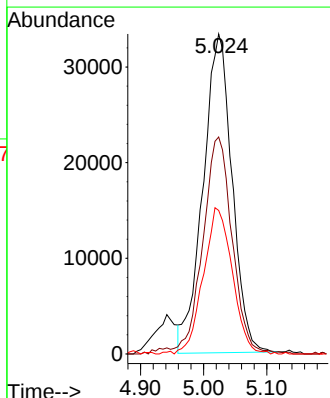
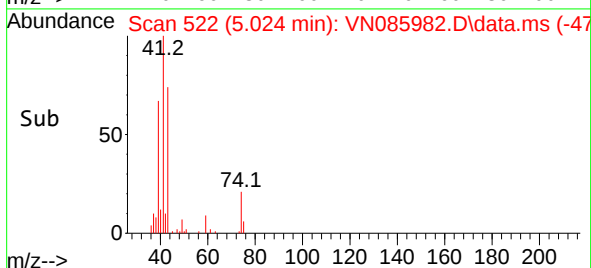
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#14
Allyl chloride
Concen: 47.625 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



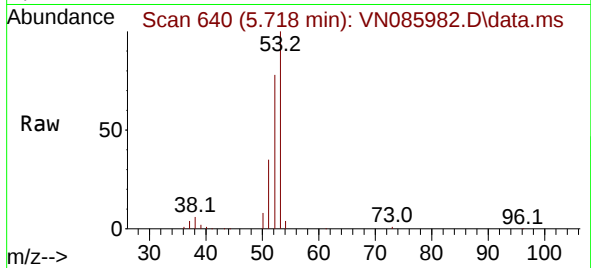
Tgt Ion: 41 Resp: 106406
Ion Ratio Lower Upper
41 100
39 69.8 57.4 86.2
76 46.1 36.2 54.2





#15
Acrylonitrile
Concen: 246.112 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

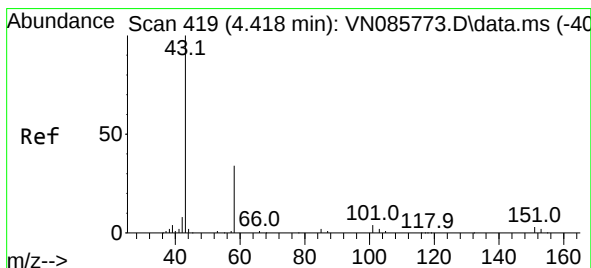
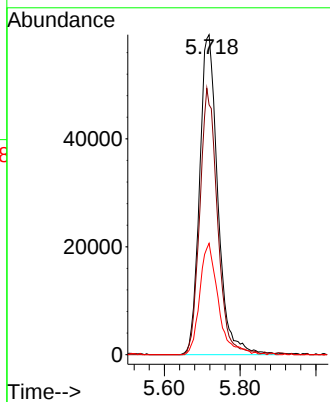
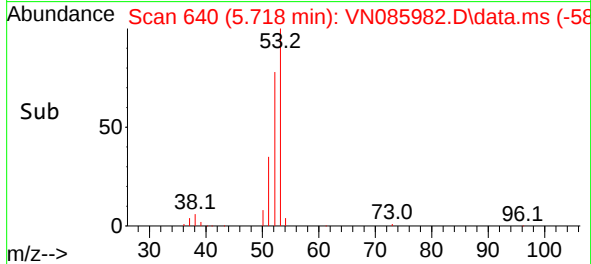
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



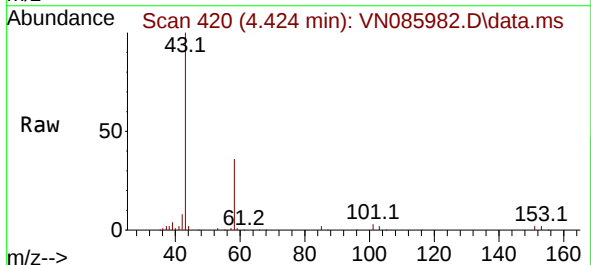
Tgt Ion: 53 Resp: 197979
Ion Ratio Lower Upper
53 100
52 80.5 65.8 98.6
51 35.4 28.6 42.8

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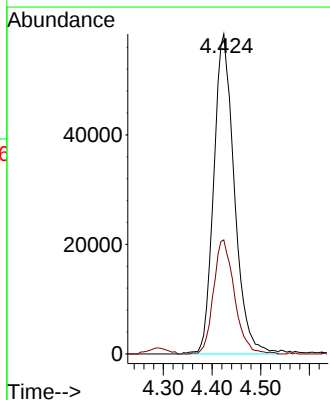
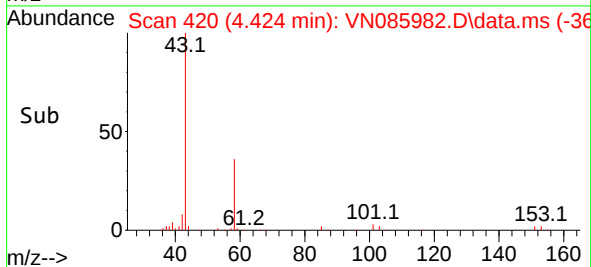
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

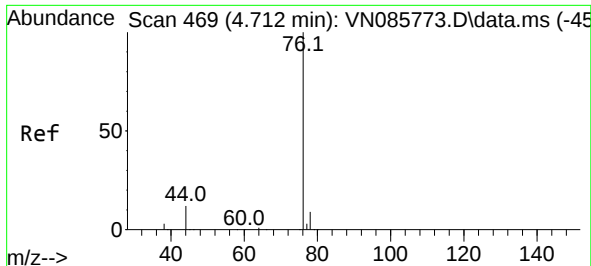


#16
Acetone
Concen: 269.940 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



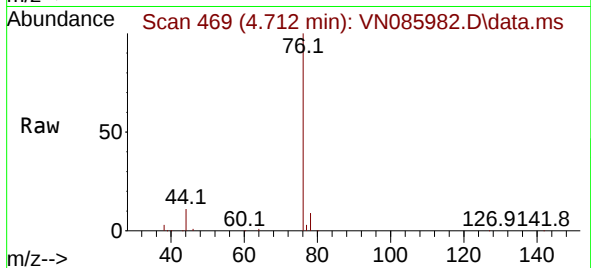
Tgt Ion: 43 Resp: 171838
Ion Ratio Lower Upper
43 100
58 35.6 27.5 41.3





#17
Carbon Disulfide
Concen: 49.604 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

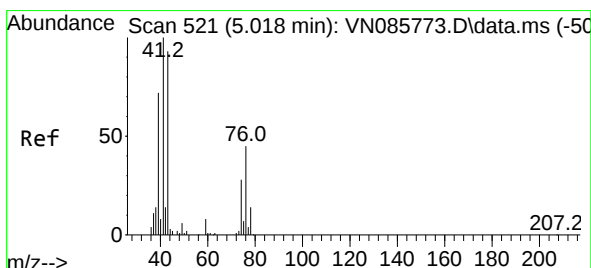
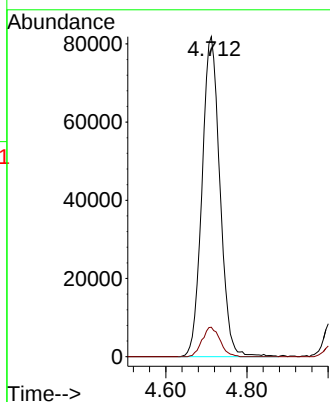
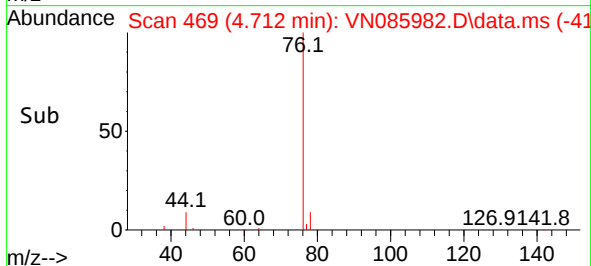
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 25017
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

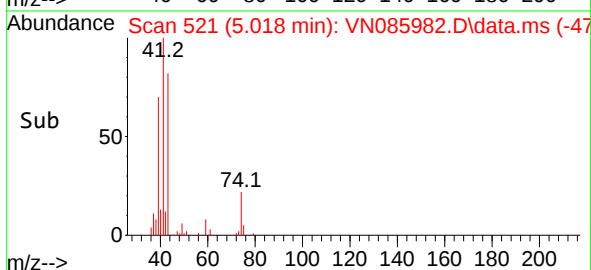
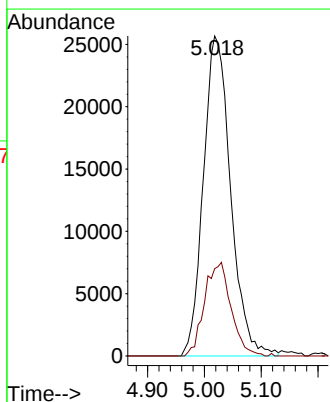
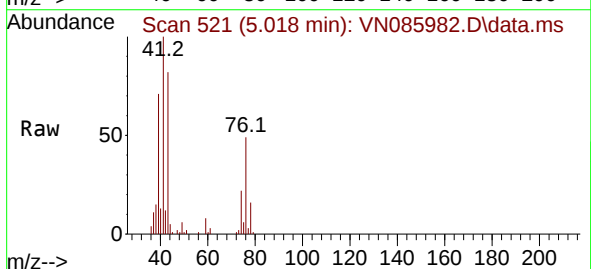
Manual Integrations
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Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#18
Methyl Acetate
Concen: 39.088 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

Tgt Ion: 43 Resp: 85585
Ion Ratio Lower Upper
43 100
74 28.4 22.2 33.4





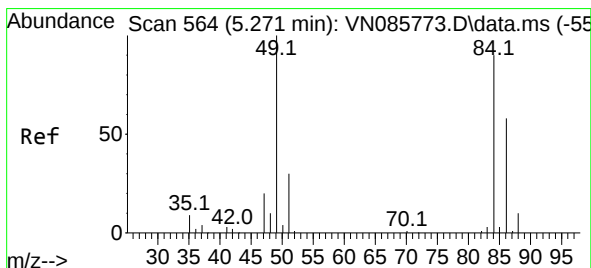
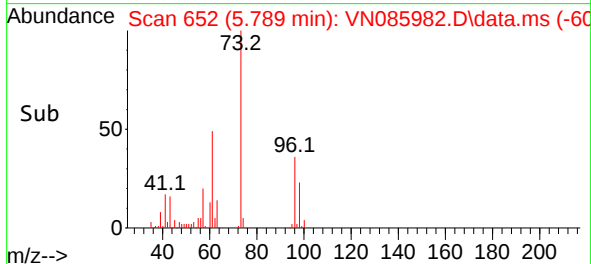
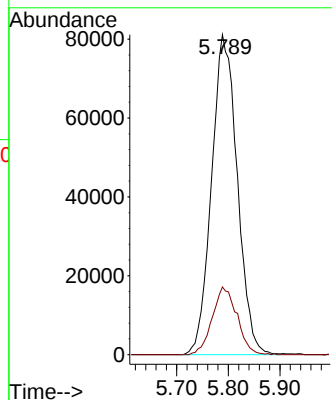
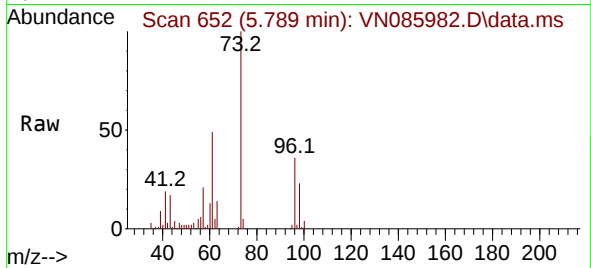
#19
Methyl tert-butyl Ether
Concen: 55.421 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 280254
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

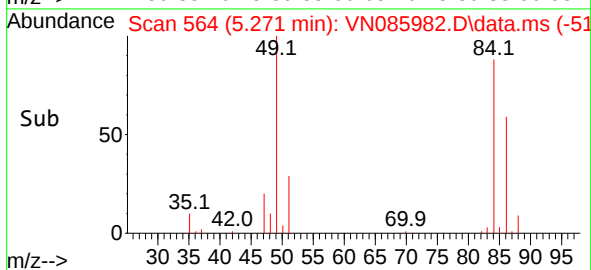
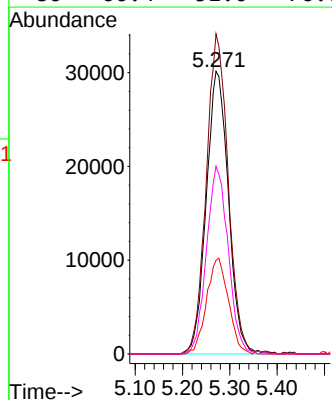
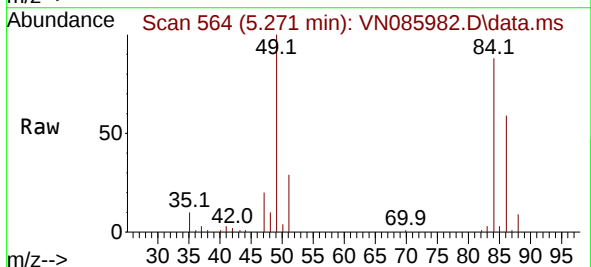
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#20
Methylene Chloride
Concen: 47.952 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

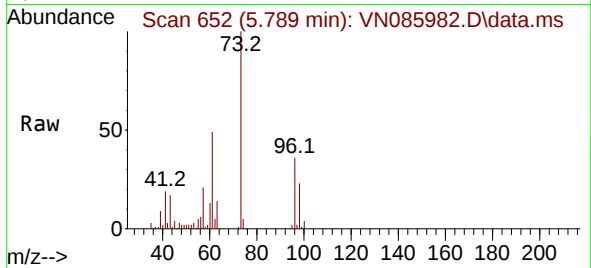
Tgt Ion: 84 Resp: 98166
Ion Ratio Lower Upper
84 100
49 113.3 88.4 132.6
51 33.1 26.6 40.0
86 66.4 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 50.074 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

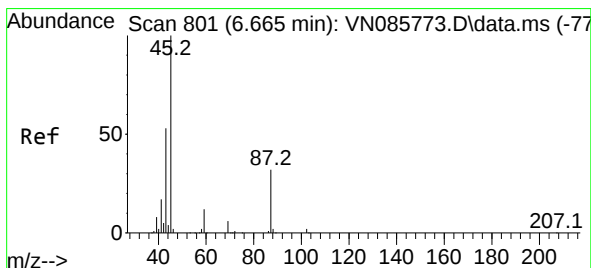
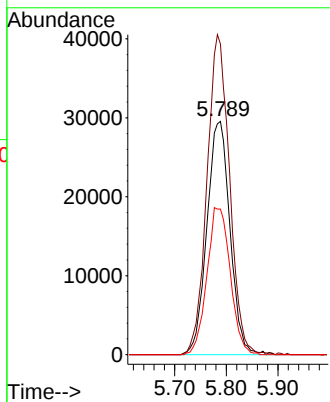
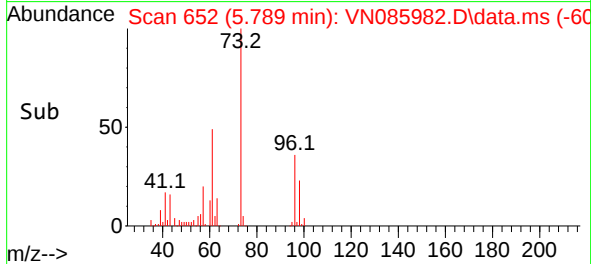
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 9175
Ion Ratio Lower Upper
96 100
61 133.2 112.6 168.8
98 62.4 53.3 79.9

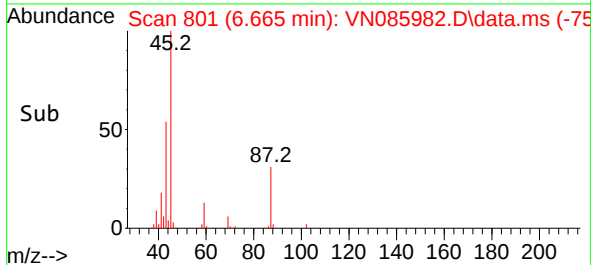
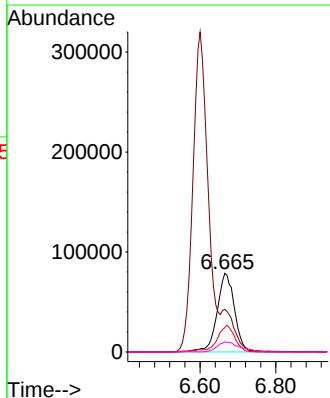
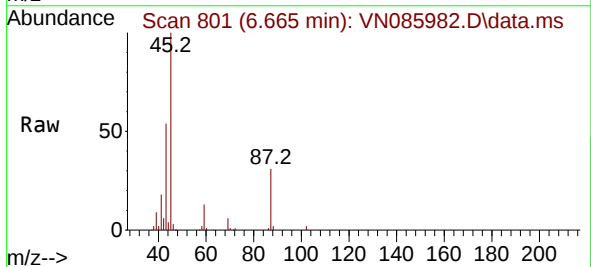
Manual Integrations
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Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#22
Diisopropyl ether
Concen: 49.704 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

Tgt Ion: 45 Resp: 250932
Ion Ratio Lower Upper
45 100
43 53.4 42.6 64.0
87 30.9 25.8 38.8
59 12.9 9.9 14.9





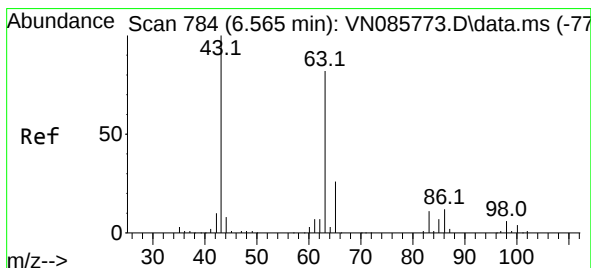
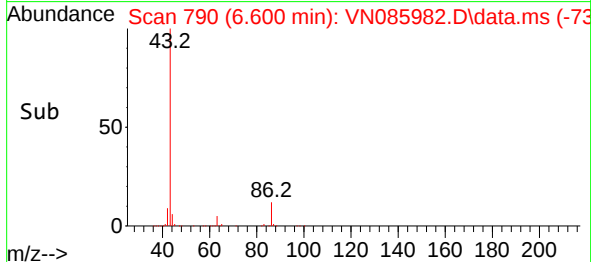
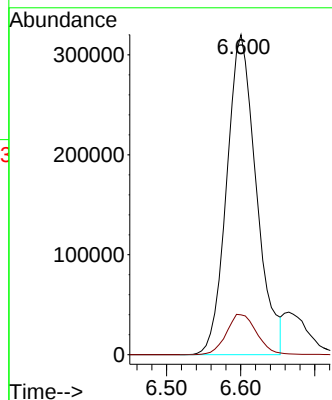
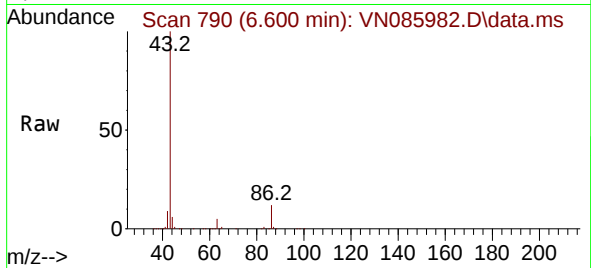
#23
 Vinyl Acetate
 Concen: 256.609 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085982.D
 Acq: 13 Mar 2025 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 887028
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.8

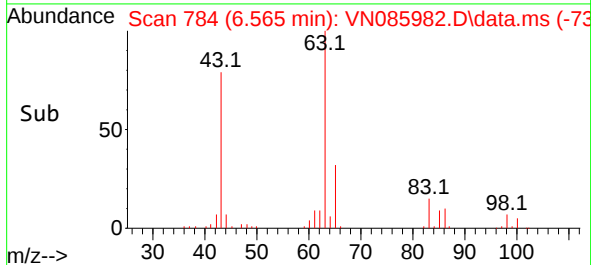
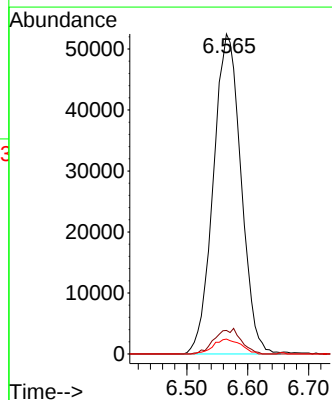
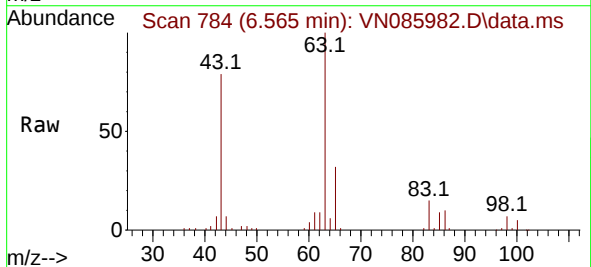
Manual Integrations
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Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025



#24
 1,1-Dichloroethane
 Concen: 48.288 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085982.D
 Acq: 13 Mar 2025 16:03

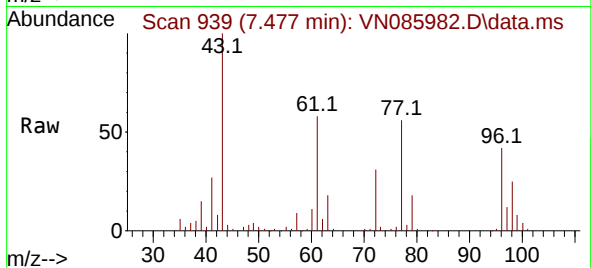
Tgt Ion: 63 Resp: 165721
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.4
 100 4.6 2.4 7.2





#25
2-Butanone
Concen: 246.829 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

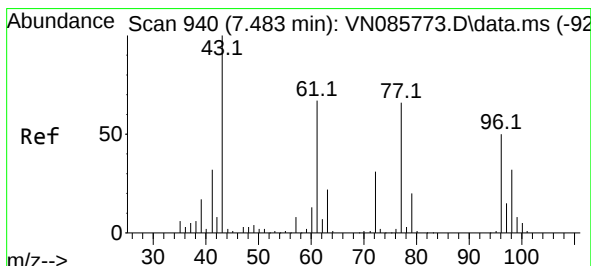
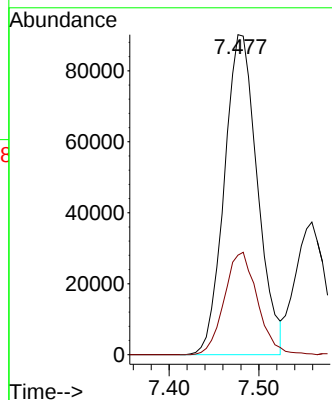
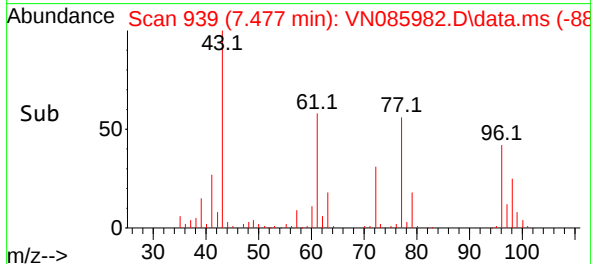
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



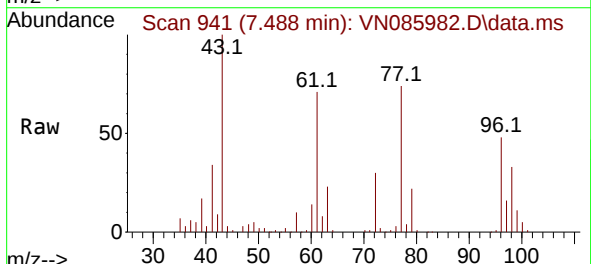
Tgt Ion: 43 Resp: 231162
Ion Ratio Lower Upper
43 100
72 31.1 23.6 35.4

Manual Integrations
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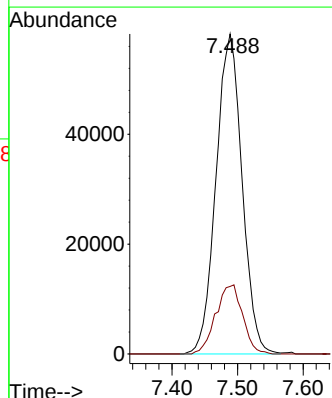
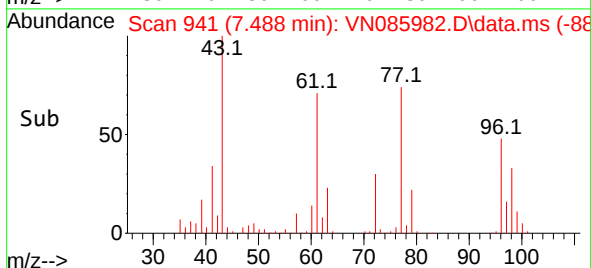
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#26
2,2-Dichloropropane
Concen: 52.642 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



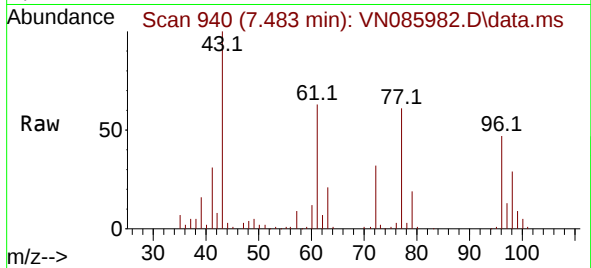
Tgt Ion: 77 Resp: 160648
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 49.961 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085982.D
 Acq: 13 Mar 2025 16:03

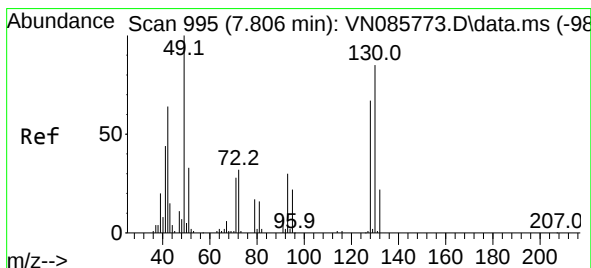
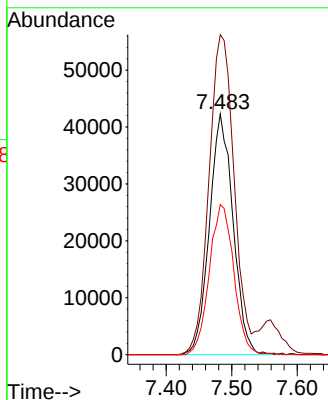
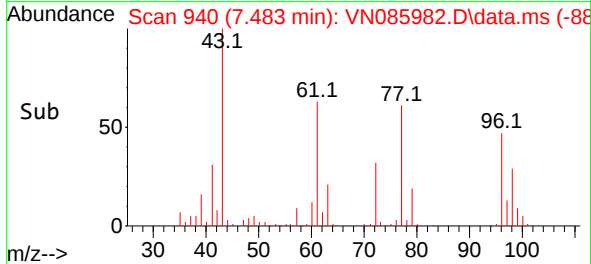
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



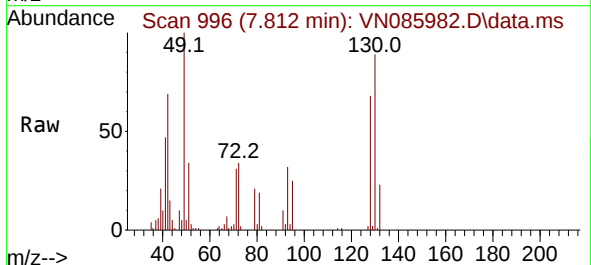
Tgt Ion: 96 Resp: 106148
 Ion Ratio Lower Upper
 96 100
 61 142.0 0.0 280.6
 98 64.5 0.0 128.6

Manual Integrations
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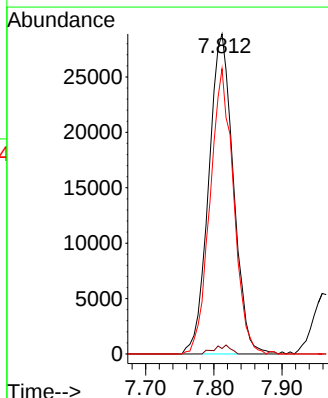
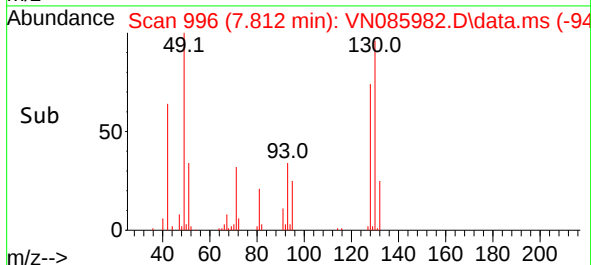
Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025



#28
 Bromochloromethane
 Concen: 51.658 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085982.D
 Acq: 13 Mar 2025 16:03



Tgt Ion: 49 Resp: 72867
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 84.6 68.0 102.0





#29

Tetrahydrofuran

Concen: 248.581 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085982.D

Acq: 13 Mar 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 15033

Ion Ratio Lower Upper

42 100

72 52.3 40.0 60.0

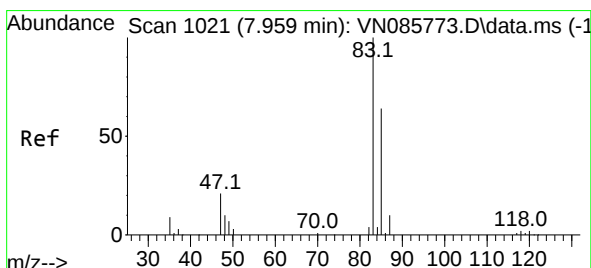
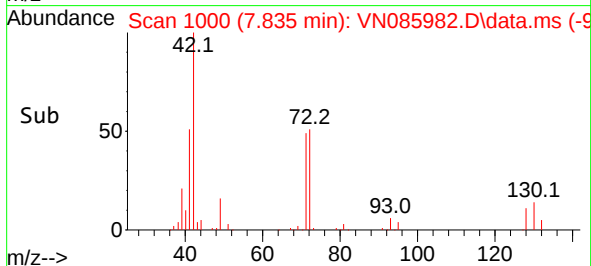
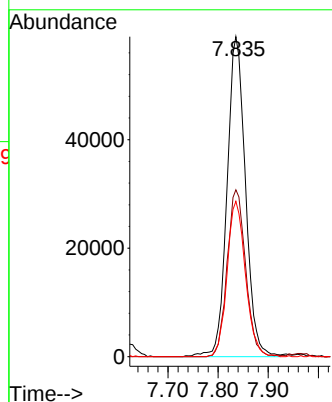
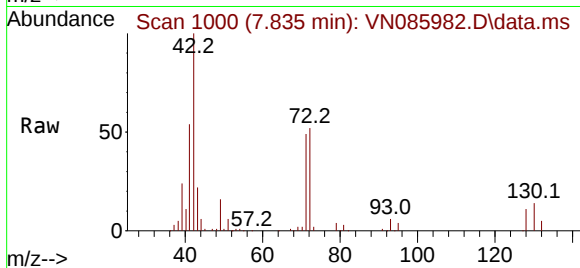
71 48.6 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#30

Chloroform

Concen: 50.761 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085982.D

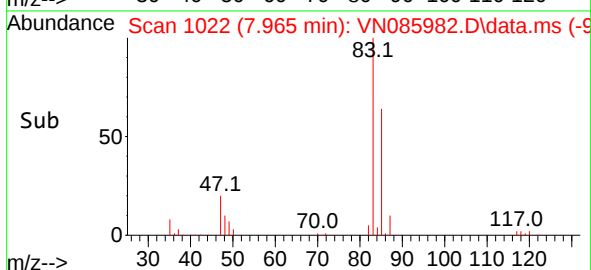
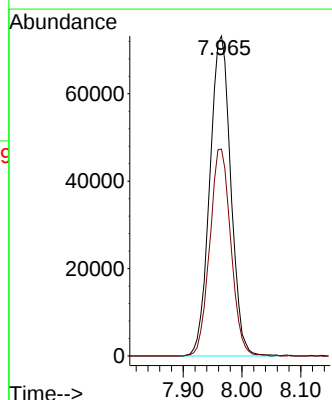
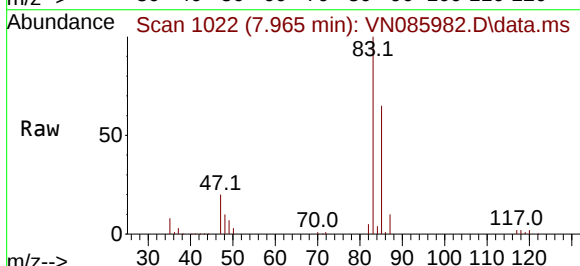
Acq: 13 Mar 2025 16:03

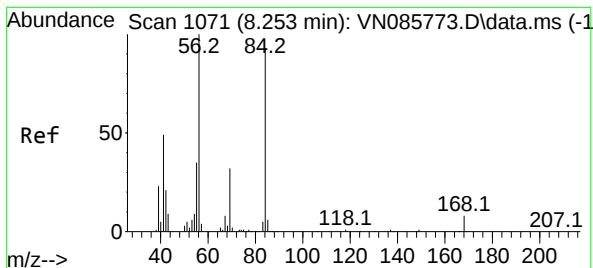
Tgt Ion: 83 Resp: 182055

Ion Ratio Lower Upper

83 100

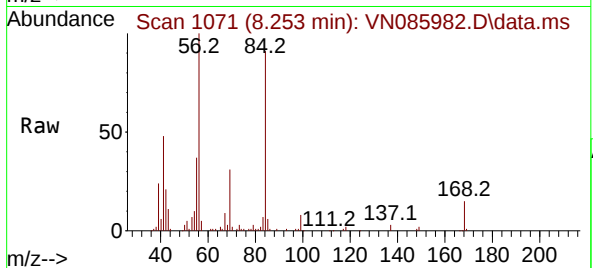
85 64.7 50.9 76.3





#31
Cyclohexane
Concen: 48.776 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

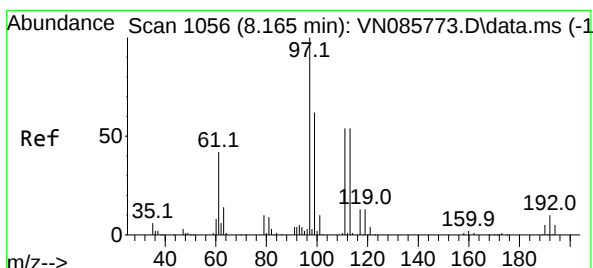
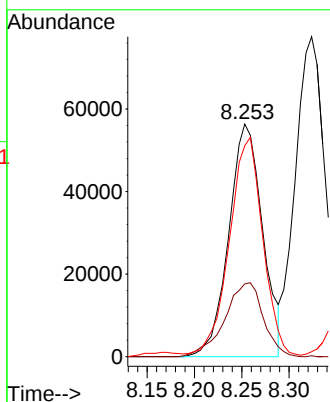
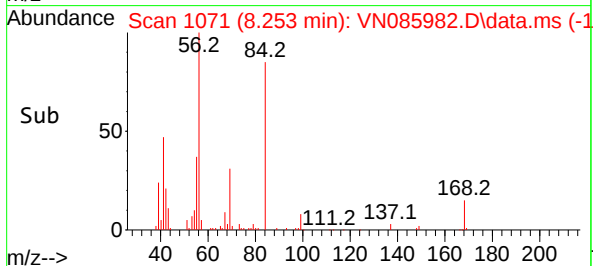
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



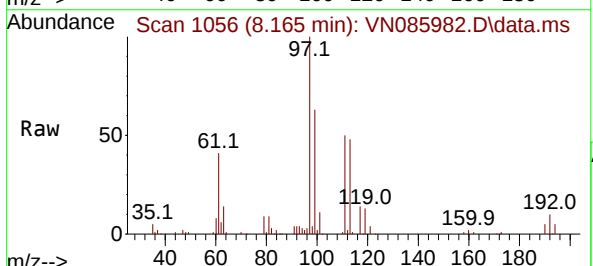
Tgt Ion: 56 Resp: 140159
Ion Ratio Lower Upper
56 100
69 31.3 25.8 38.6
84 89.3 74.5 111.7

Manual Integrations
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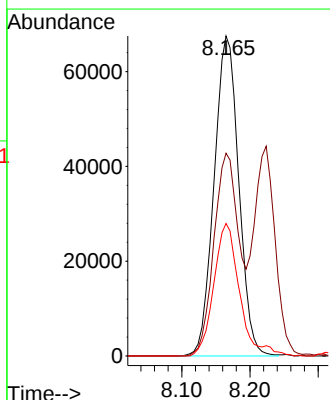
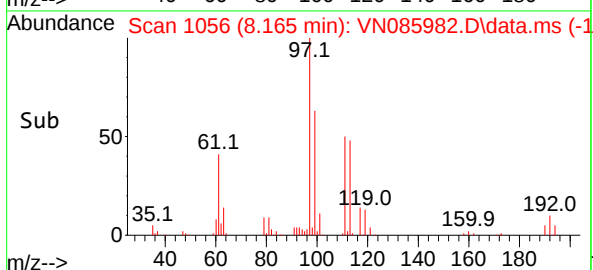
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#32
1,1,1-Trichloroethane
Concen: 53.221 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



Tgt Ion: 97 Resp: 169776
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 43.2 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 48.377 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085982.D

Acq: 13 Mar 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 97320

Ion Ratio Lower Upper

65 100

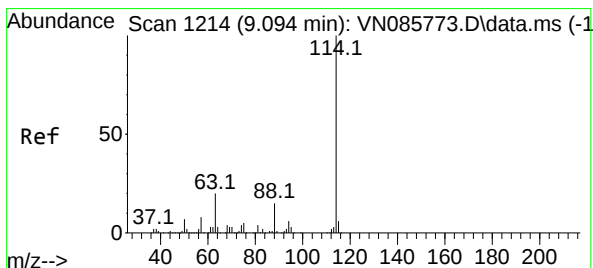
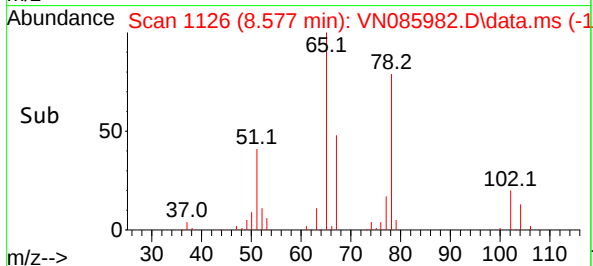
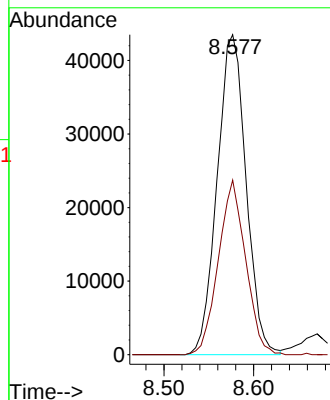
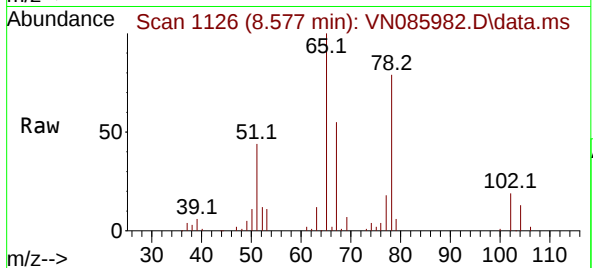
67 51.5 0.0 106.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085982.D

Acq: 13 Mar 2025 16:03

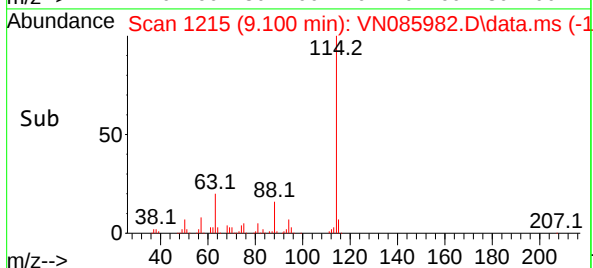
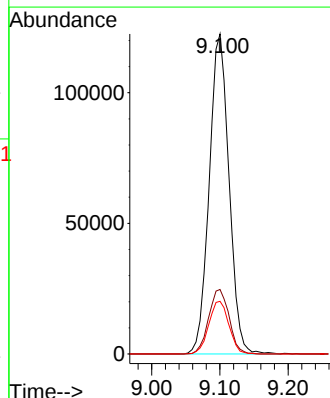
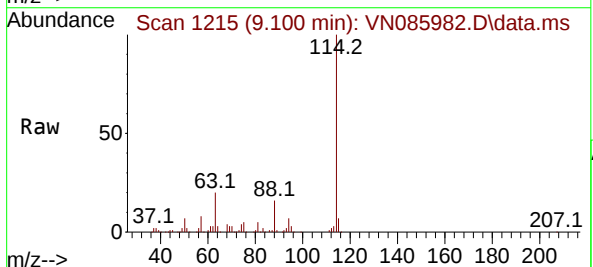
Tgt Ion:114 Resp: 247487

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

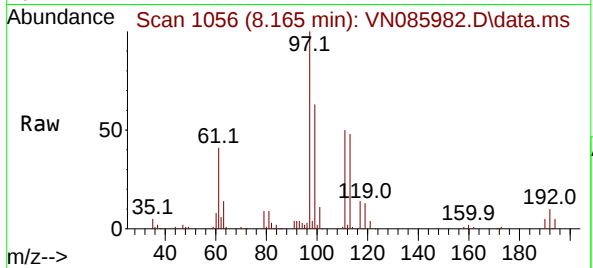
88 16.4 0.0 30.0





#35
Dibromofluoromethane
Concen: 47.948 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

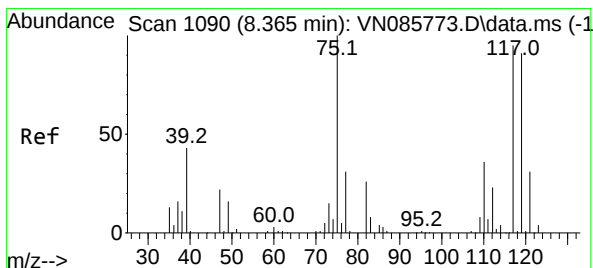
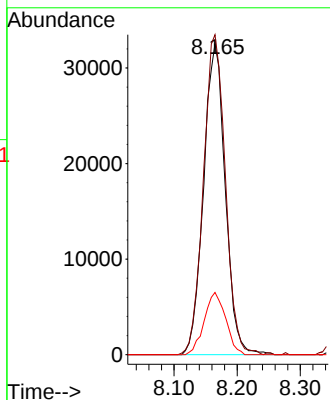
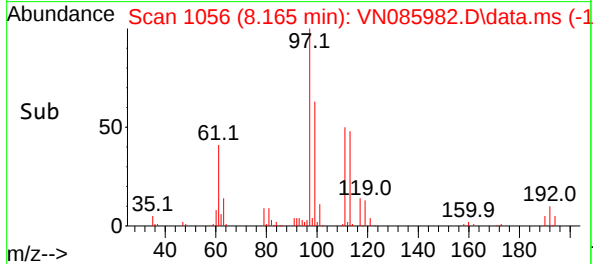
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



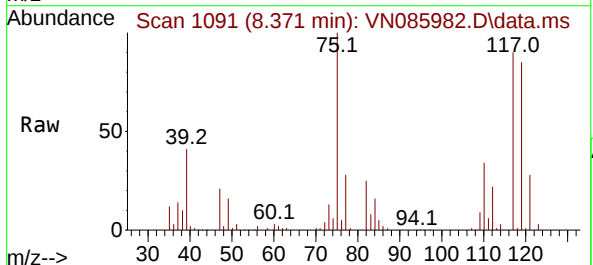
Tgt Ion: 113 Resp: 77648
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 19.8 14.7 22.1

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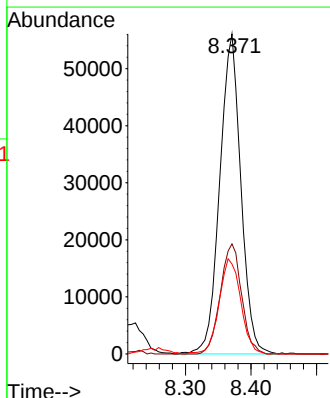
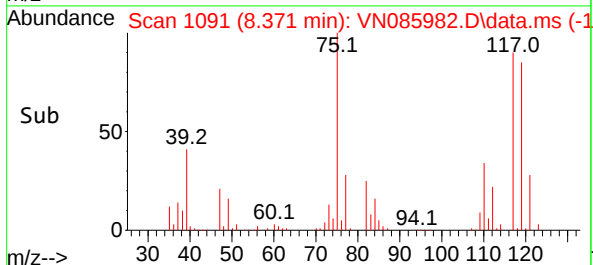
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

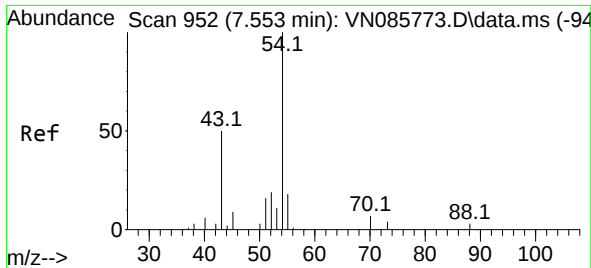


#36
1,1-Dichloropropene
Concen: 54.561 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



Tgt Ion: 75 Resp: 125050
Ion Ratio Lower Upper
75 100
110 34.6 17.3 52.0
77 30.6 24.6 37.0





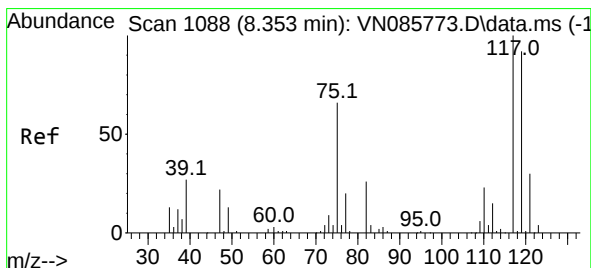
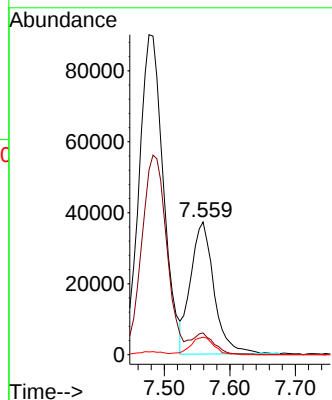
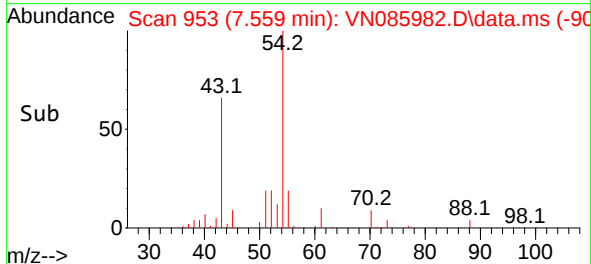
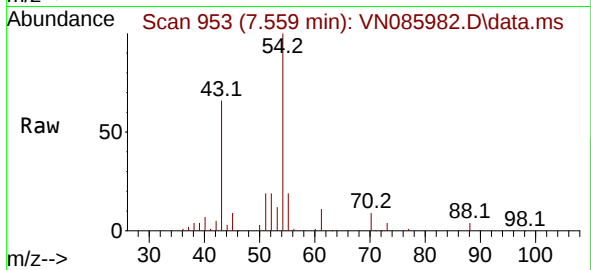
#37
Ethyl Acetate
Concen: 48.887 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 92208
Ion Ratio Lower Upper
43 100
61 15.1 12.2 18.2
70 13.3 9.5 14.3

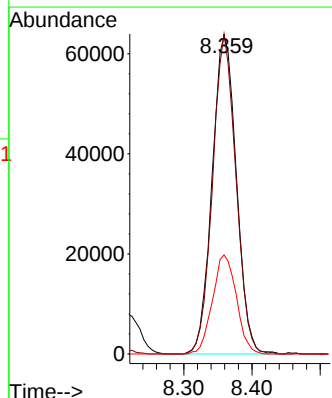
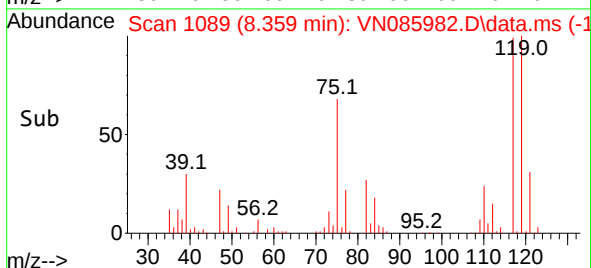
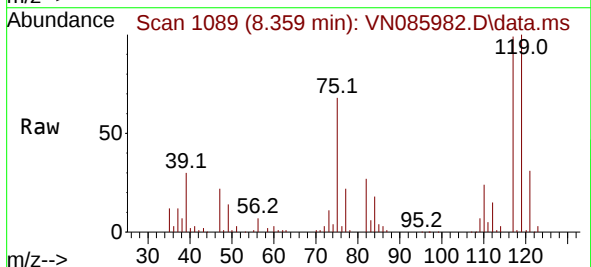
Manual Integrations
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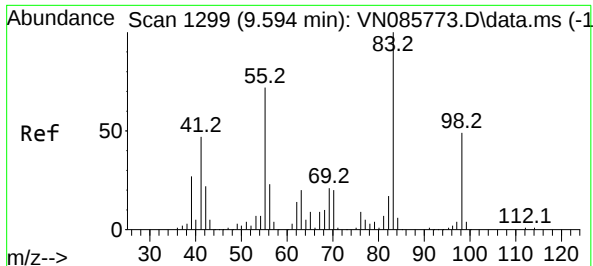
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#38
Carbon Tetrachloride
Concen: 57.881 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

Tgt Ion:117 Resp: 157626
Ion Ratio Lower Upper
117 100
119 100.6 73.8 110.6
121 31.2 24.3 36.5





#39

Methylcyclohexane

Concen: 56.855 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN085982.D

Acq: 13 Mar 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

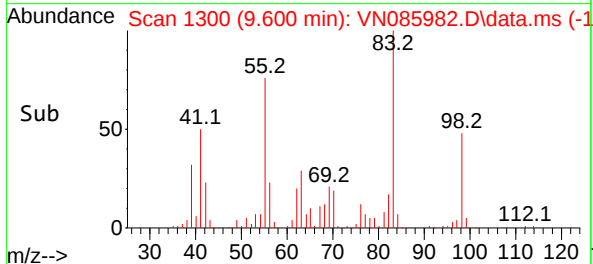
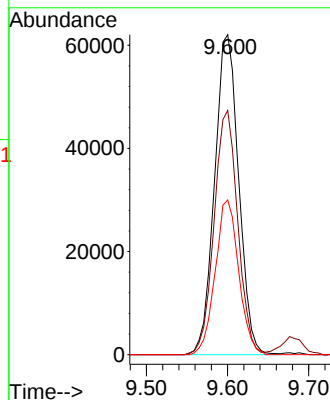
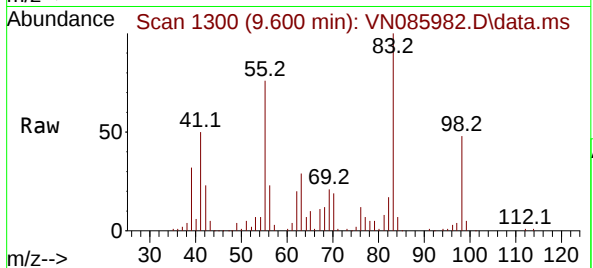
Tgt Ion: 83 Resp: 128014
 Ion Ratio Lower Upper
 83 100
 55 76.3 57.5 86.3
 98 48.3 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#40

Benzene

Concen: 53.416 ug/l

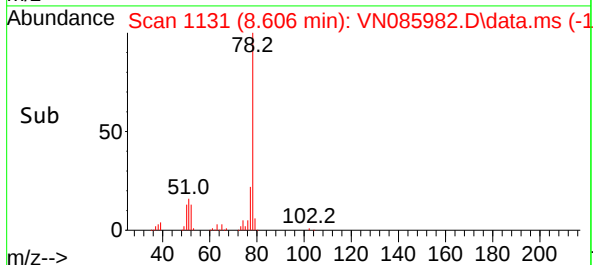
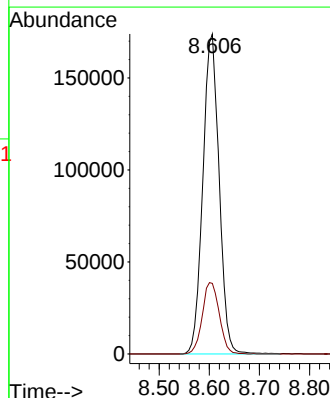
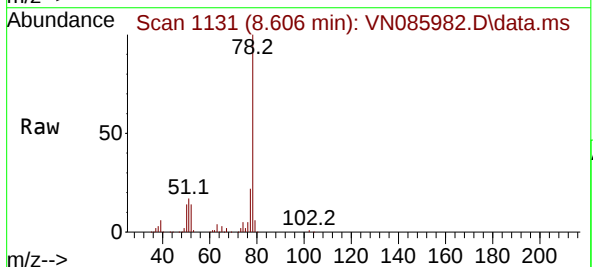
RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085982.D

Acq: 13 Mar 2025 16:03

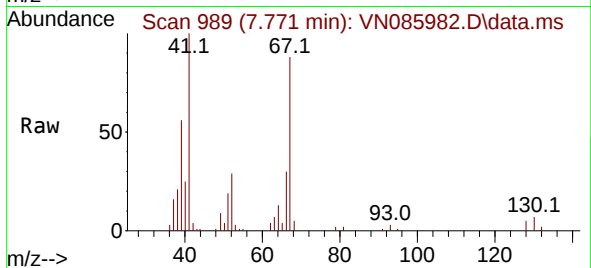
Tgt Ion: 78 Resp: 392382
 Ion Ratio Lower Upper
 78 100
 77 22.0 18.3 27.5





#41
Methacrylonitrile
Concen: 48.082 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

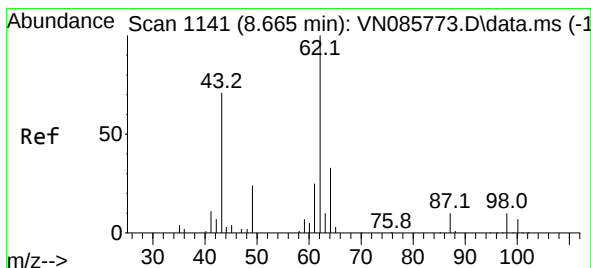
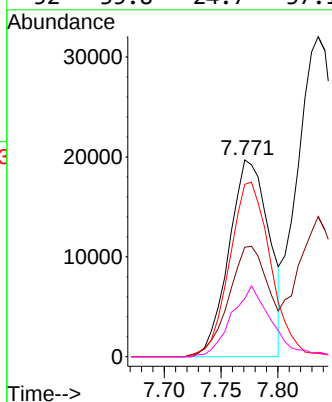
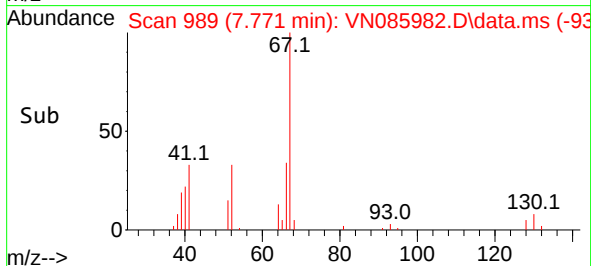
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 48480
Ion Ratio Lower Upper
41 100
39 56.0 42.0 63.0
67 91.0 64.2 96.4
52 35.8 24.7 37.1

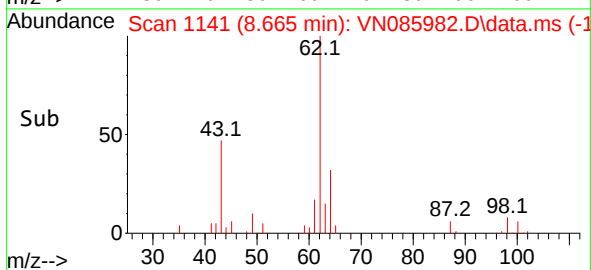
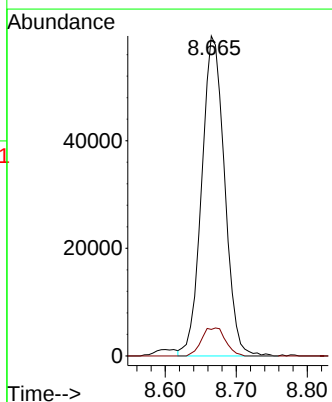
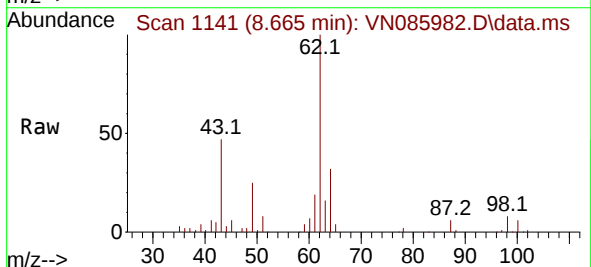
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#42
1,2-Dichloroethane
Concen: 55.638 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

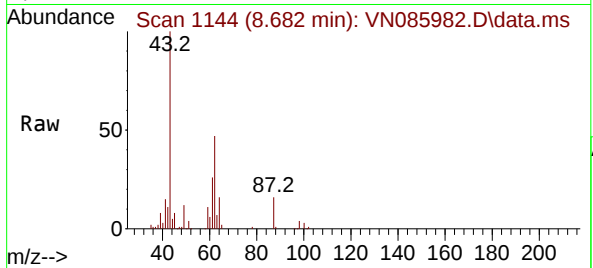
Tgt Ion: 62 Resp: 133126
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.6





#43
Isopropyl Acetate
Concen: 52.780 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

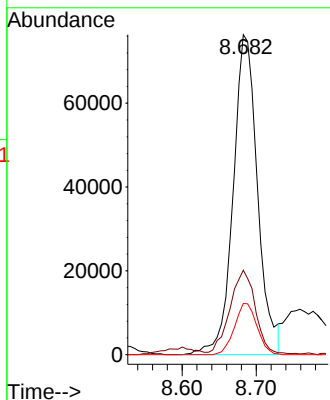
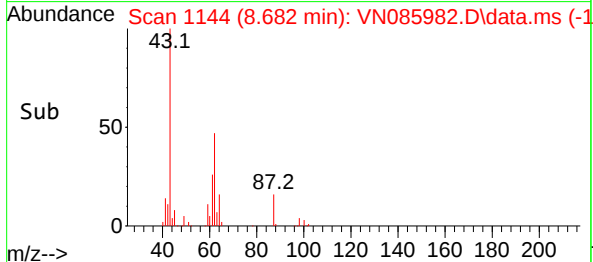
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 174609
Ion Ratio Lower Upper
43 100
61 27.3 22.6 34.0
87 14.8 11.8 17.8

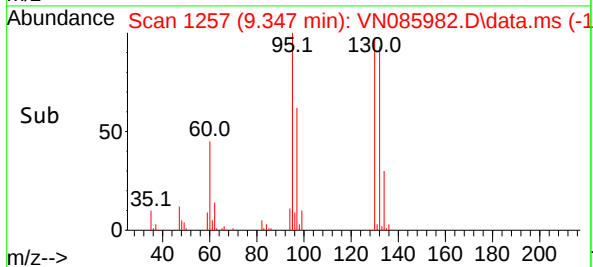
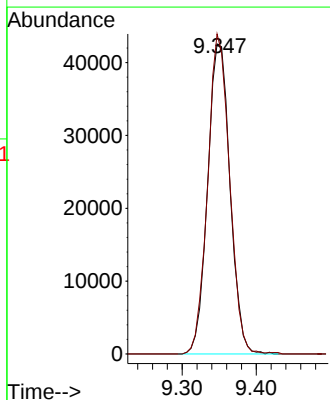
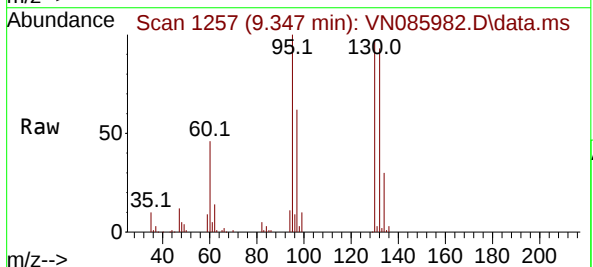
Manual Integrations
APPROVED

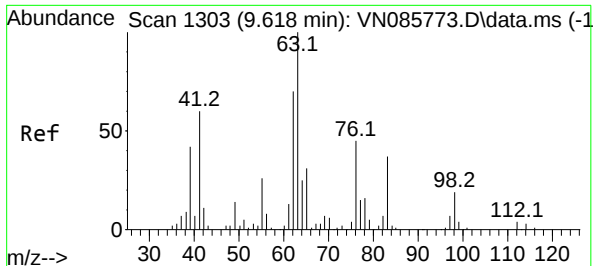
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#44
Trichloroethene
Concen: 49.580 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

Tgt Ion:130 Resp: 89424
Ion Ratio Lower Upper
130 100
95 103.2 0.0 202.6





#45

1,2-Dichloropropane

Concen: 50.867 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085982.D

Acq: 13 Mar 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9019

Ion Ratio Lower Upper

63 100

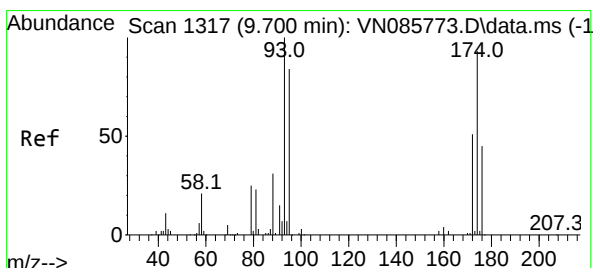
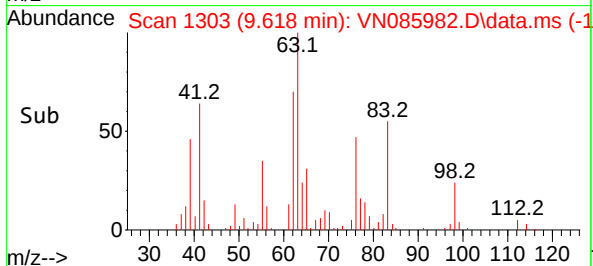
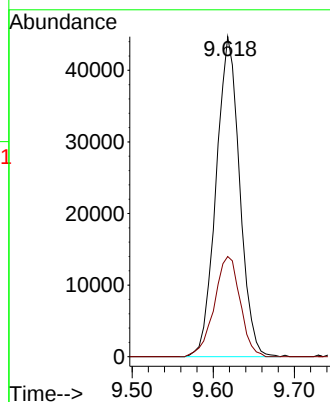
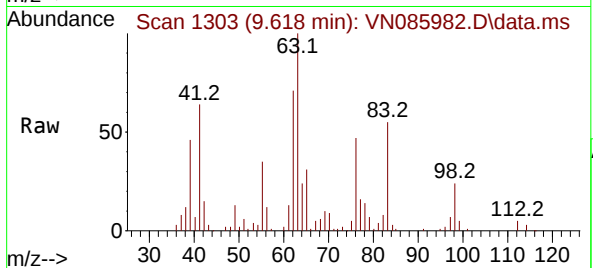
65 31.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#46

Dibromomethane

Concen: 53.291 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085982.D

Acq: 13 Mar 2025 16:03

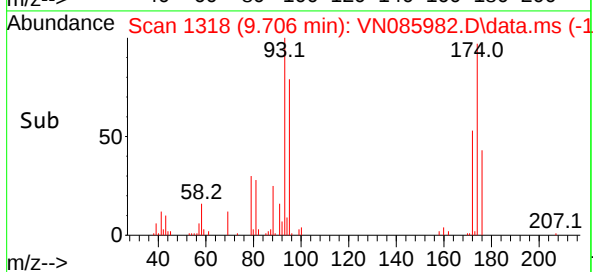
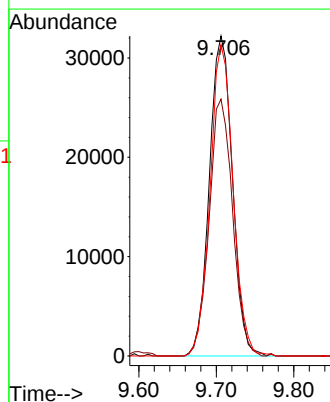
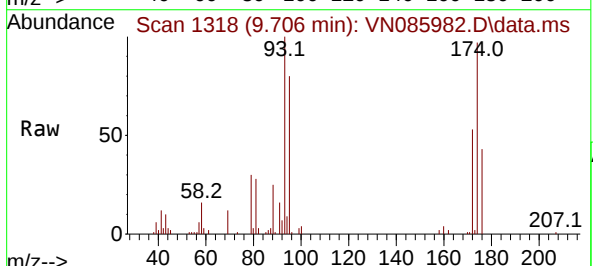
Tgt Ion: 93 Resp: 66652

Ion Ratio Lower Upper

93 100

95 81.7 66.7 100.1

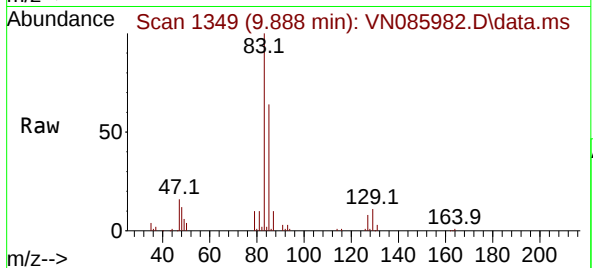
174 96.9 77.2 115.8





#47
Bromodichloromethane
Concen: 54.376 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

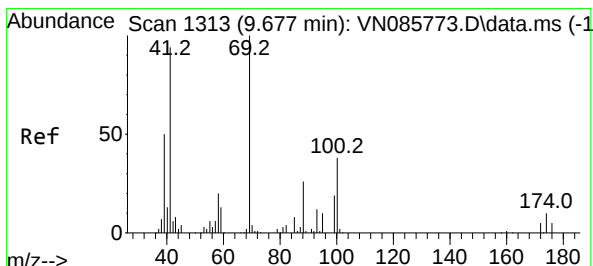
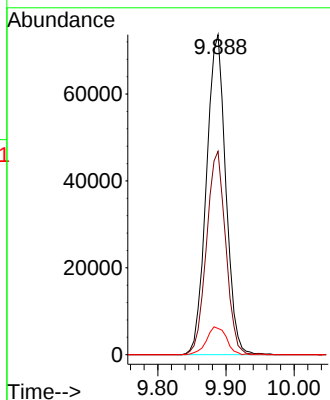
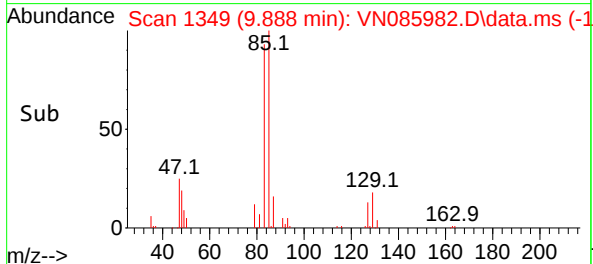
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



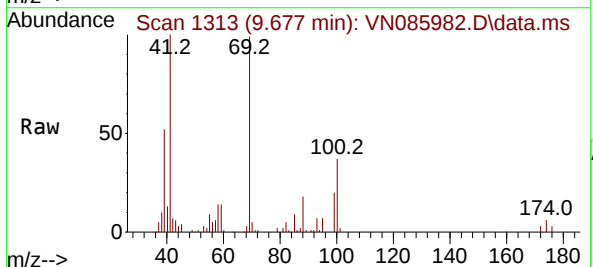
Tgt Ion: 83 Resp: 14550
Ion Ratio Lower Upper
83 100
85 63.5 50.5 75.7
127 8.2 7.2 10.8

Manual Integrations
APPROVED

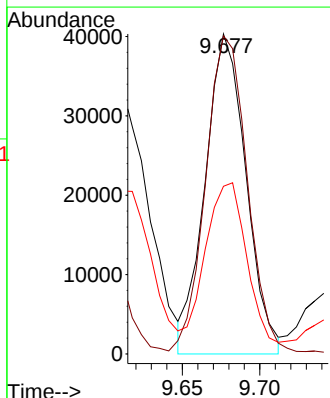
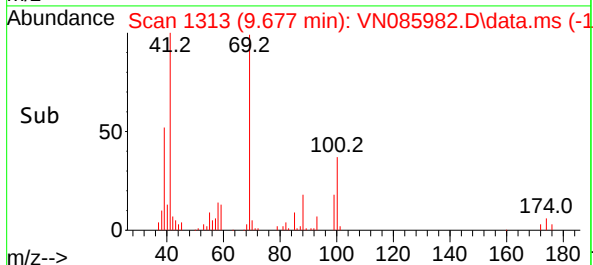
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

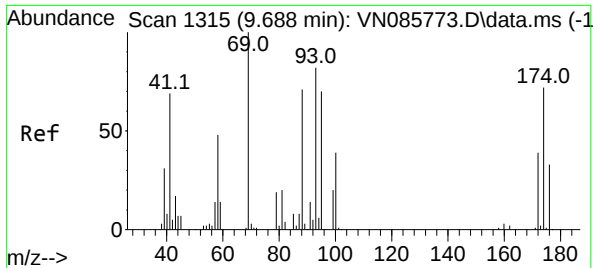


#48
Methyl methacrylate
Concen: 52.827 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



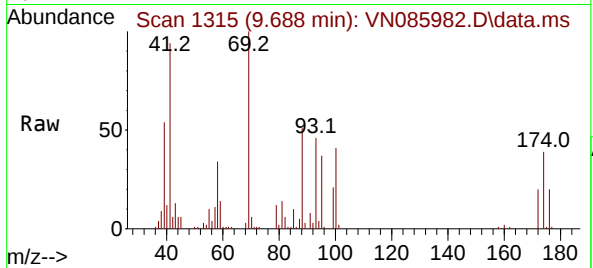
Tgt Ion: 41 Resp: 73998
Ion Ratio Lower Upper
41 100
69 102.1 76.0 114.0
39 56.4 42.3 63.5





#49
1,4-Dioxane
Concen: 1144.571 ug/l
RT: 9.688 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

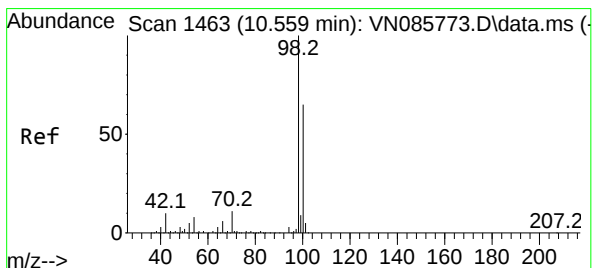
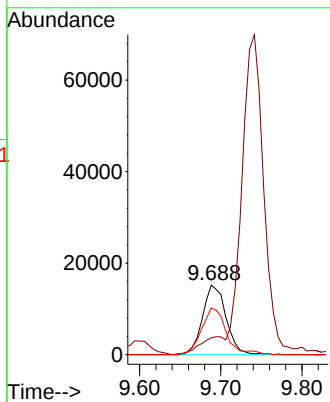
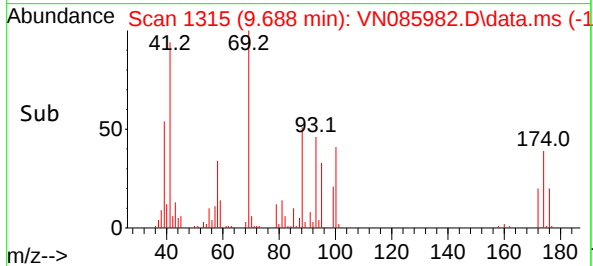
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



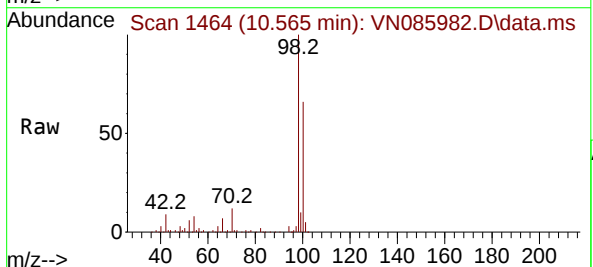
Tgt Ion: 88 Resp: 3048
Ion Ratio Lower Upper
88 100
43 0.0 18.6 27.8
58 71.2 56.7 85.1

Manual Integrations
APPROVED

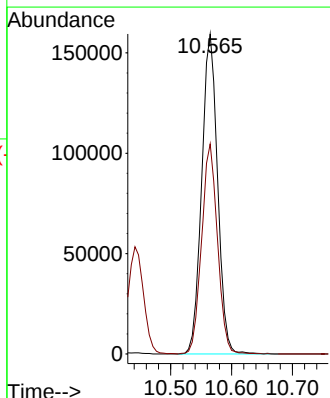
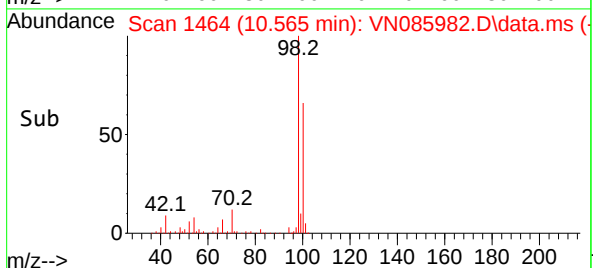
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

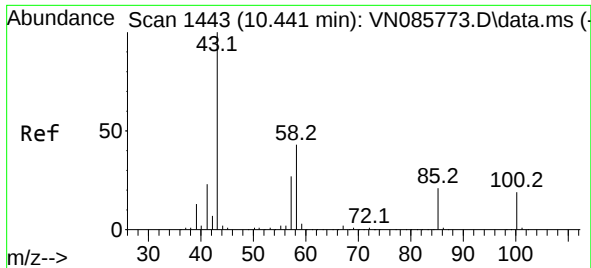


#50
Toluene-d8
Concen: 48.916 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



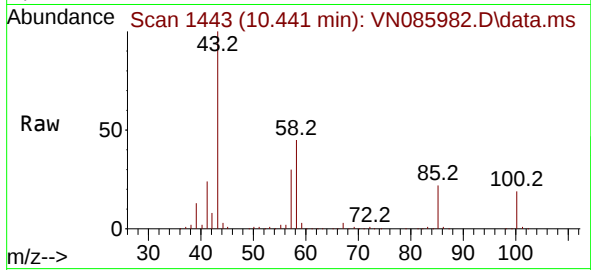
Tgt Ion: 98 Resp: 288213
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 266.427 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

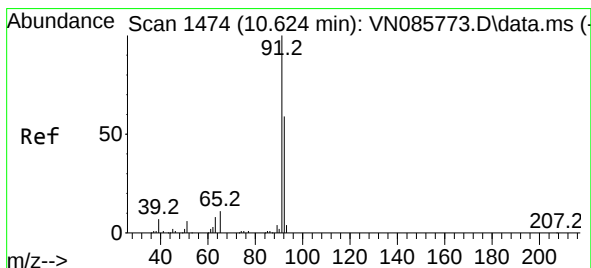
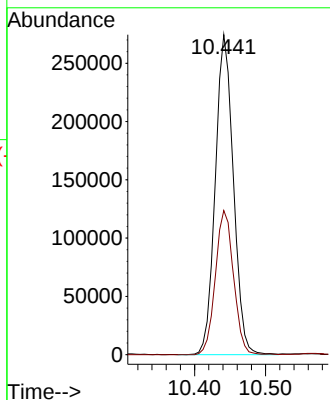
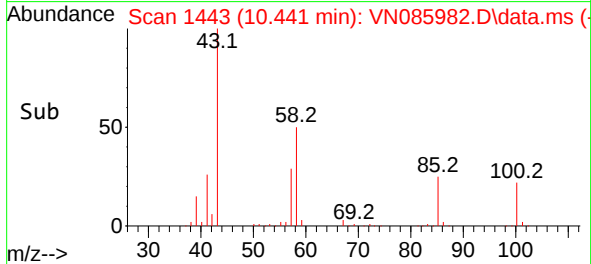
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



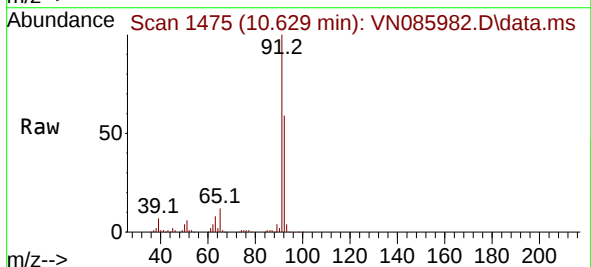
Tgt Ion: 43 Resp: 484494
Ion Ratio Lower Upper
43 100
58 45.2 34.6 52.0

Manual Integrations
APPROVED

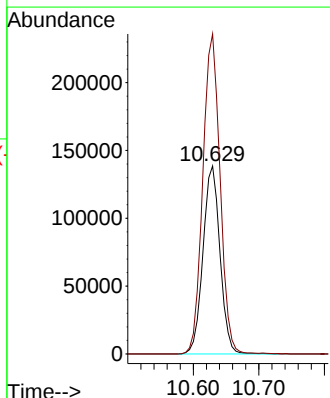
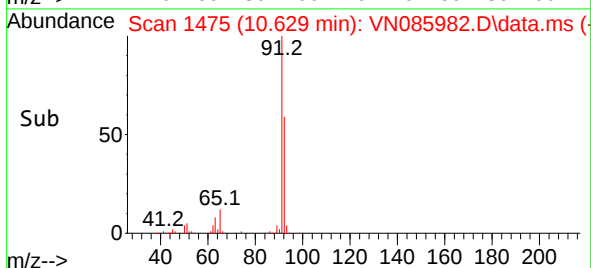
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

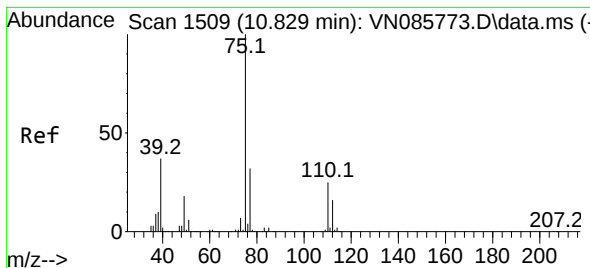


#52
Toluene
Concen: 57.960 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



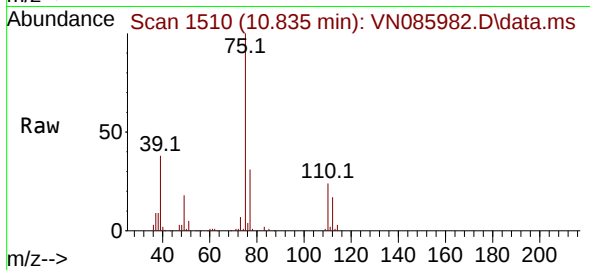
Tgt Ion: 92 Resp: 249577
Ion Ratio Lower Upper
92 100
91 173.4 136.9 205.3





#53
t-1,3-Dichloropropene
Concen: 58.223 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

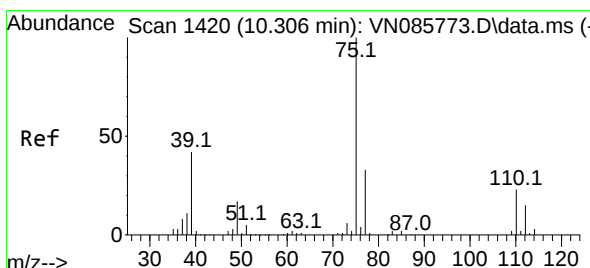
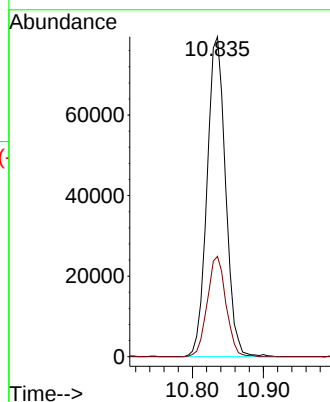
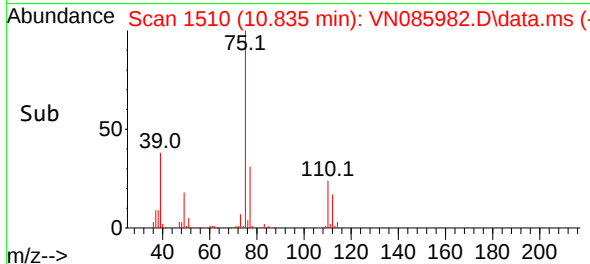
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 144062
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

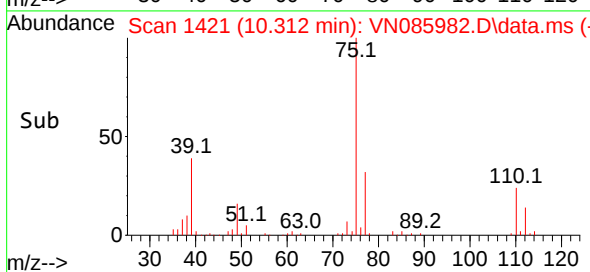
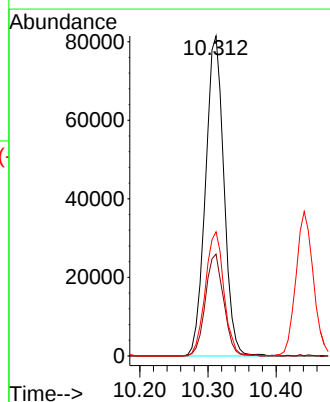
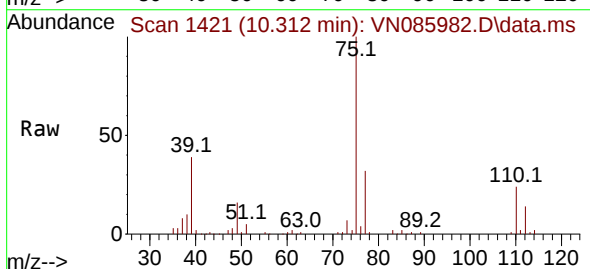
Manual Integrations
APPROVED

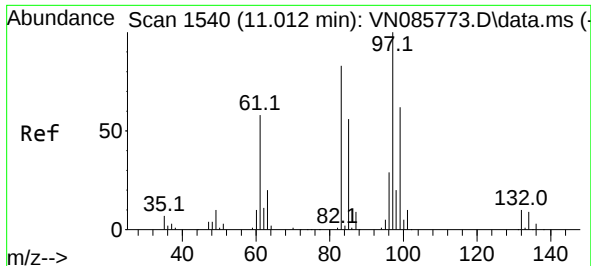
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#54
cis-1,3-Dichloropropene
Concen: 56.373 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

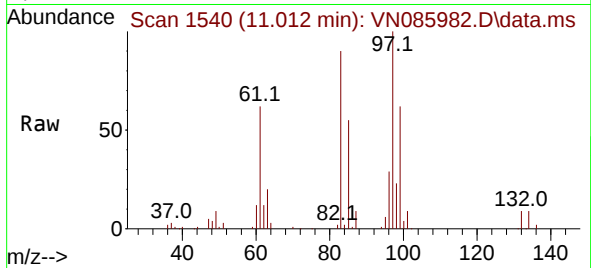
Tgt Ion: 75 Resp: 152953
Ion Ratio Lower Upper
75 100
77 31.9 26.1 39.1
39 38.8 33.4 50.0





#55
1,1,2-Trichloroethane
Concen: 53.517 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

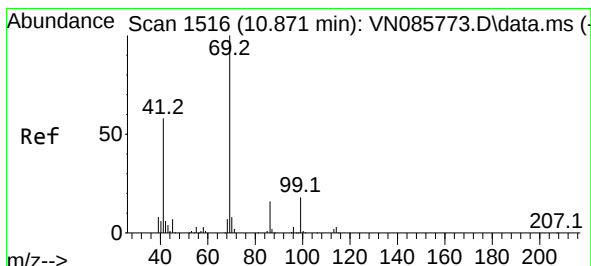
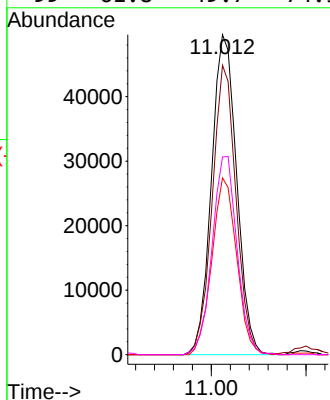
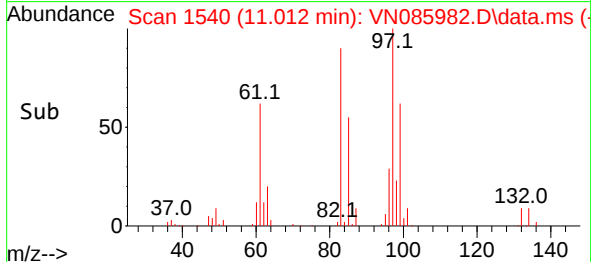
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



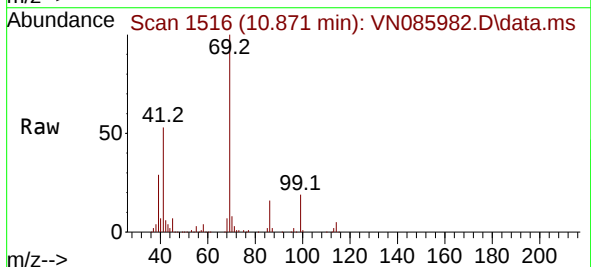
Tgt Ion:	97	Resp:	9162
Ion Ratio	100	Lower	Upper
97	100		
83	90.5	66.1	99.1
85	55.2	44.7	67.1
99	61.8	49.7	74.5

Manual Integrations
APPROVED

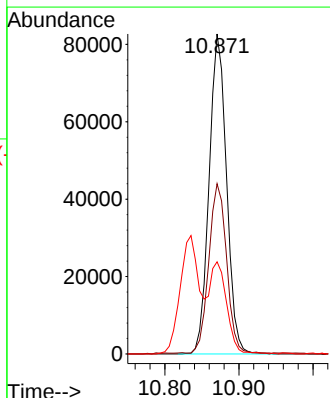
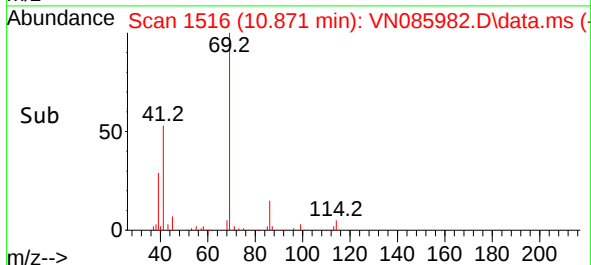
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

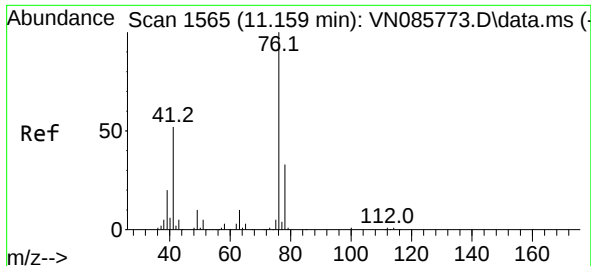


#56
Ethyl methacrylate
Concen: 54.319 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



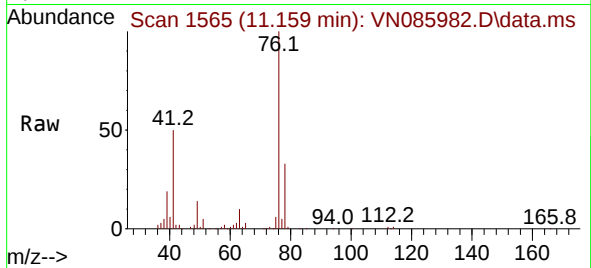
Tgt Ion:	69	Resp:	135128
Ion Ratio	100	Lower	Upper
69	100		
41	55.3	46.0	69.0
39	28.9	22.0	33.0





#57
1,3-Dichloropropane
Concen: 53.825 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

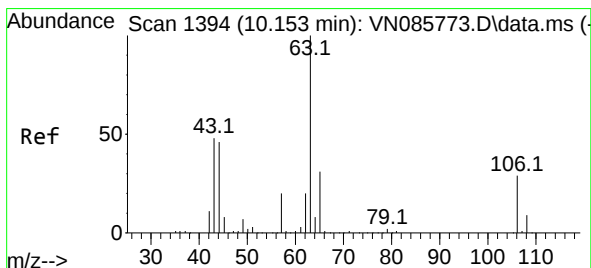
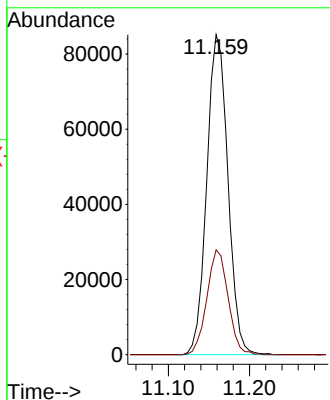
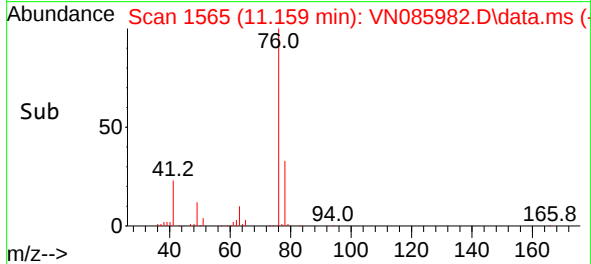
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



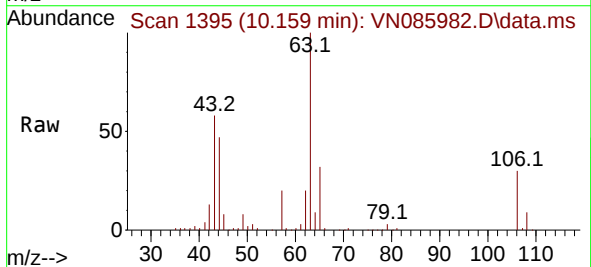
Tgt Ion: 76 Resp: 15383
Ion Ratio Lower Upper
76 100
78 32.9 25.9 38.9

Manual Integrations
APPROVED

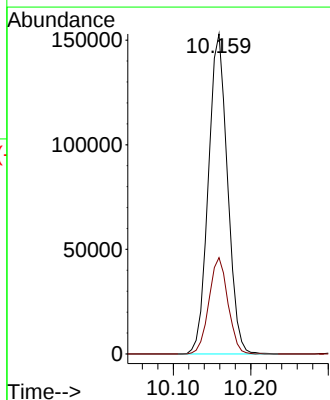
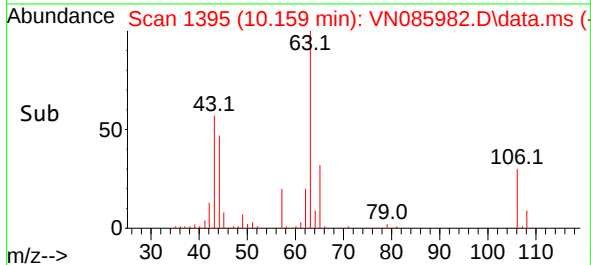
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

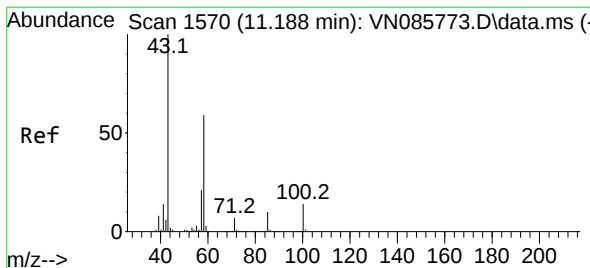


#58
2-Chloroethyl Vinyl ether
Concen: 267.129 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



Tgt Ion: 63 Resp: 261908
Ion Ratio Lower Upper
63 100
106 29.8 22.7 34.1





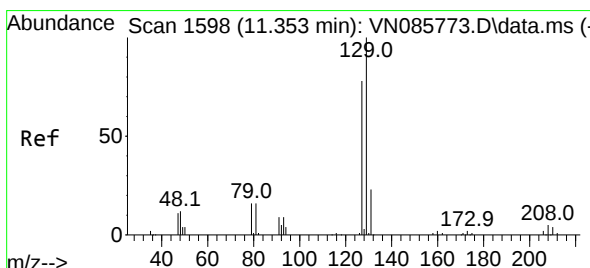
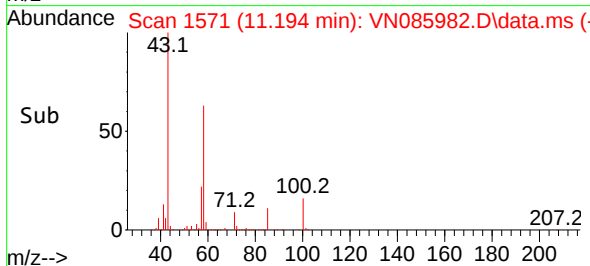
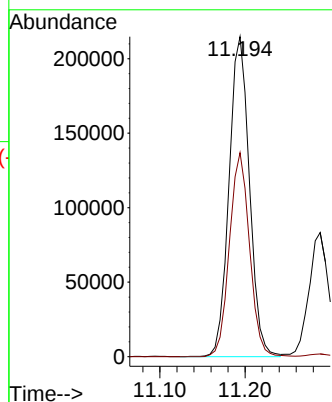
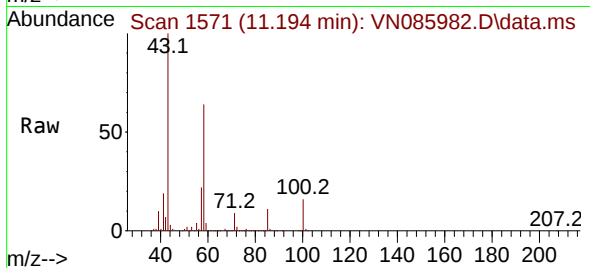
#59
2-Hexanone
Concen: 285.620 ug/l
RT: 11.194 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 357310
Ion Ratio Lower Upper
43 100
58 62.8 29.8 89.5

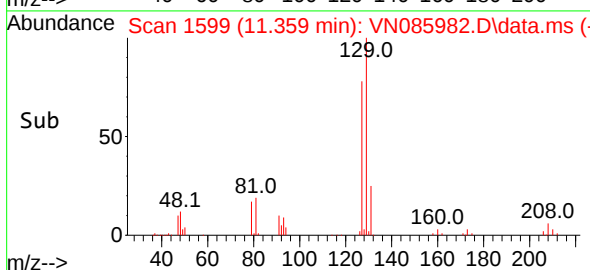
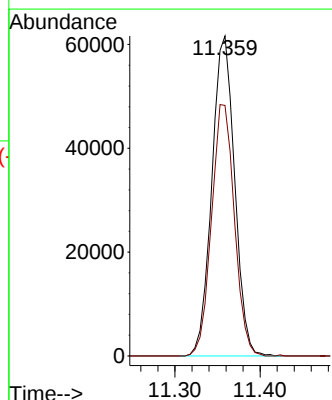
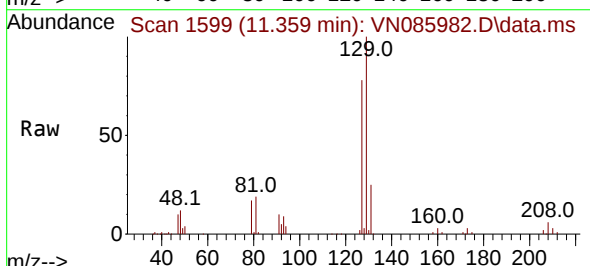
Manual Integrations
APPROVED

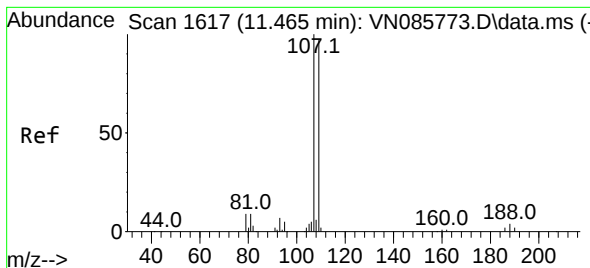
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#60
Dibromochloromethane
Concen: 57.350 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

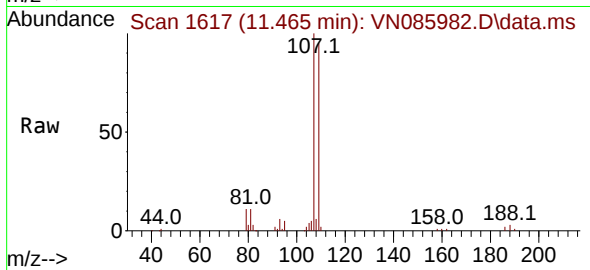
Tgt Ion:129 Resp: 114331
Ion Ratio Lower Upper
129 100
127 78.9 39.1 117.5





#61
1,2-Dibromoethane
Concen: 55.913 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

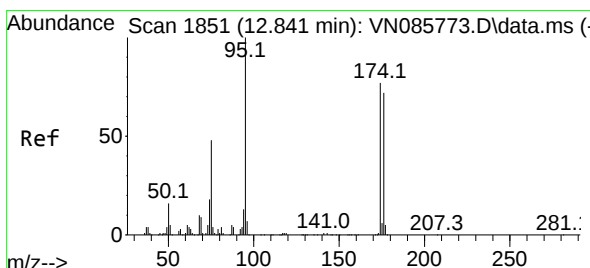
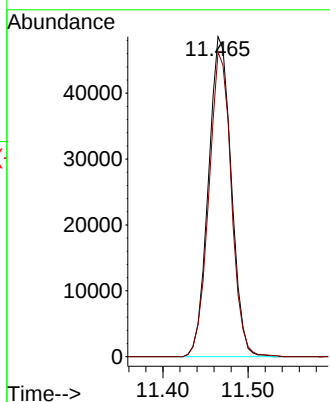
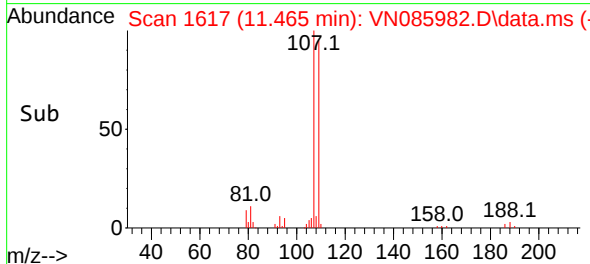
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



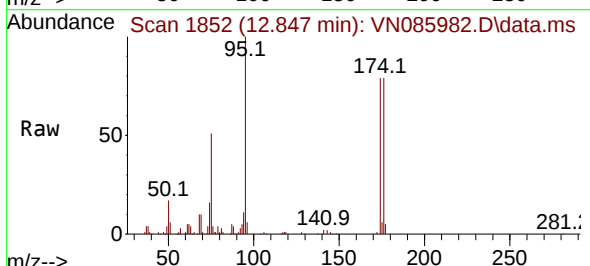
Tgt Ion:107 Resp: 90440
Ion Ratio Lower Upper
107 100
109 93.6 76.0 114.0

Manual Integrations
APPROVED

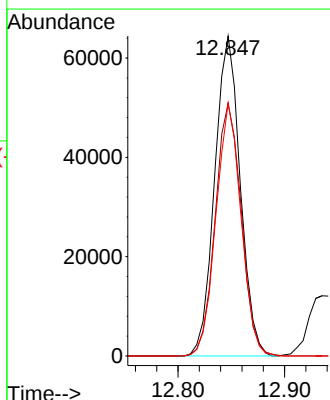
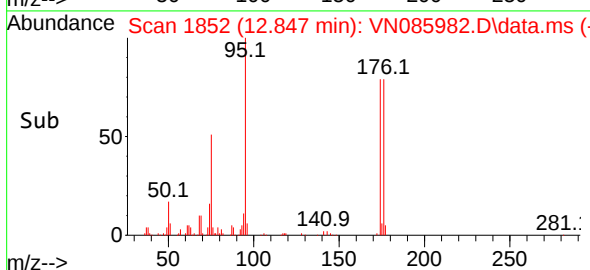
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

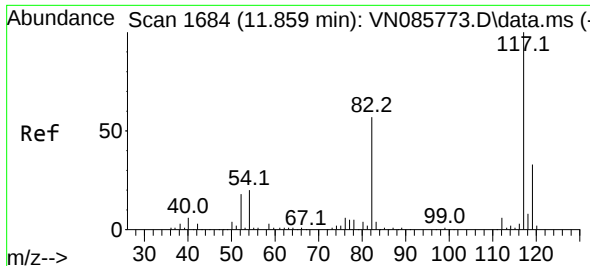


#62
4-Bromofluorobenzene
Concen: 55.191 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



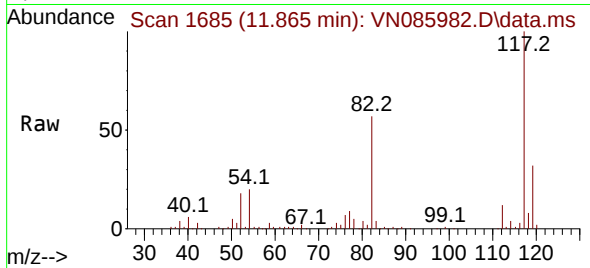
Tgt Ion: 95 Resp: 107142
Ion Ratio Lower Upper
95 100
174 80.6 0.0 152.4
176 77.5 0.0 146.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

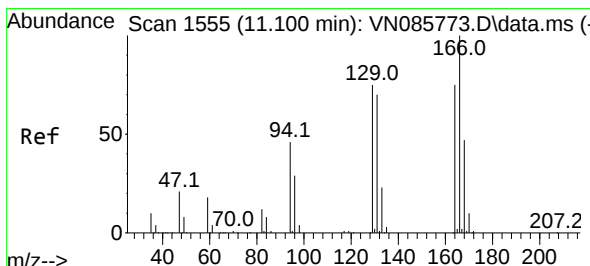
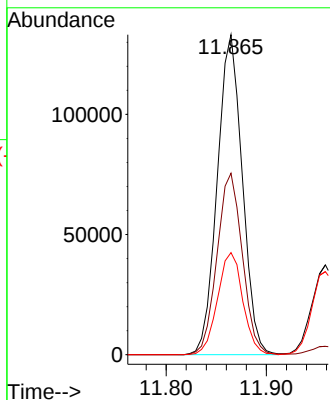
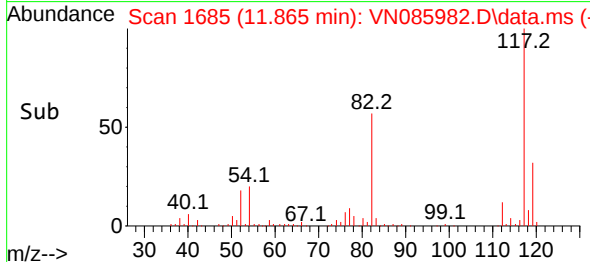
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 230850
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 31.9 26.2 39.2

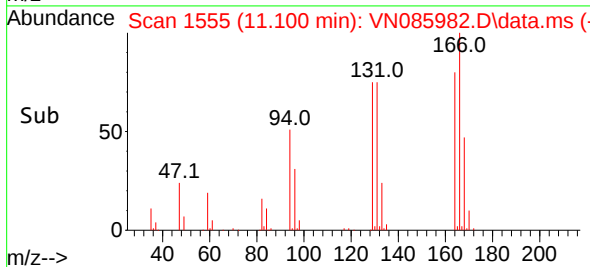
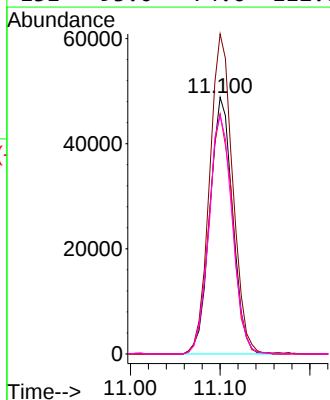
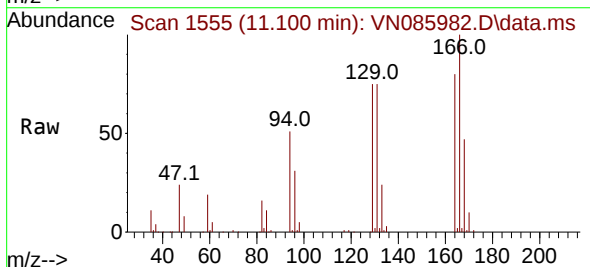
Manual Integrations
APPROVED

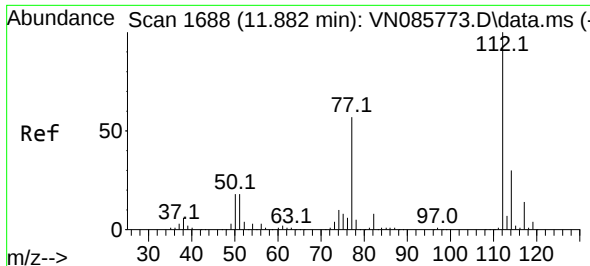
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#64
Tetrachloroethene
Concen: 48.011 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

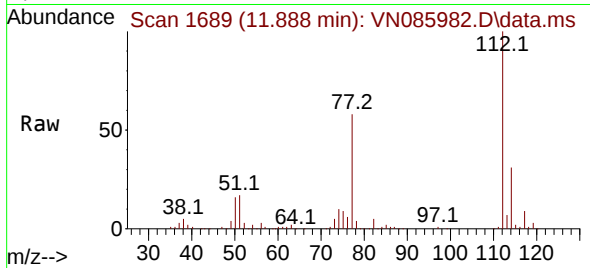
Tgt Ion:164 Resp: 85865
Ion Ratio Lower Upper
164 100
166 124.7 107.2 160.8
129 93.6 80.7 121.1
131 93.0 74.6 112.0





#65
Chlorobenzene
Concen: 51.421 ug/l
RT: 11.888 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

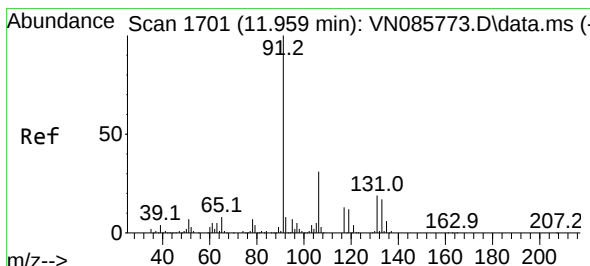
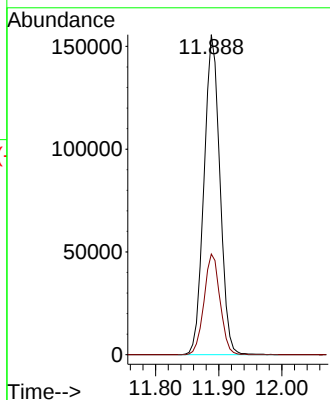
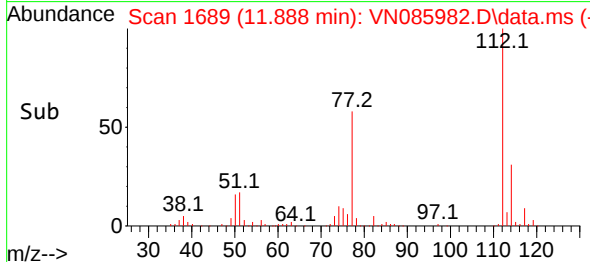
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



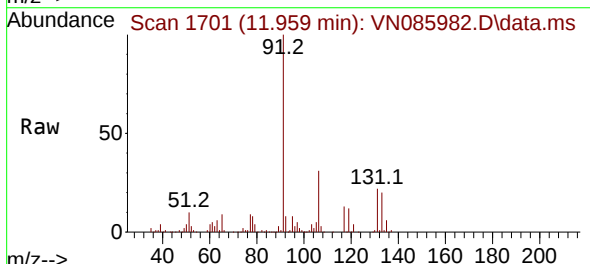
Tgt Ion:112 Resp: 27194
Ion Ratio Lower Upper
112 100
114 31.4 24.3 36.5

Manual Integrations
APPROVED

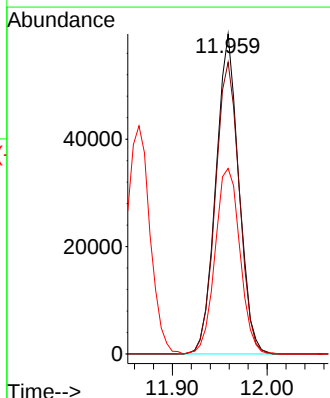
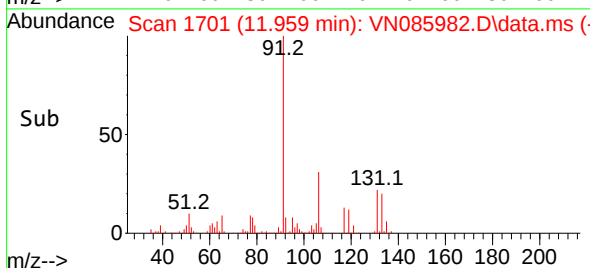
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 52.786 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



Tgt Ion:131 Resp: 100341
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 62.9 33.3 99.8





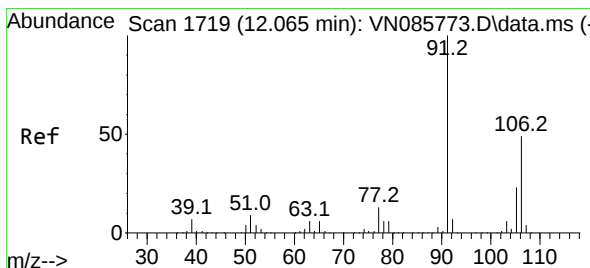
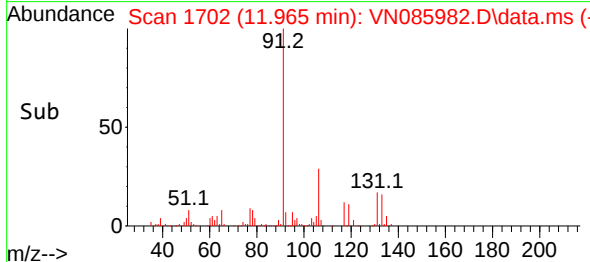
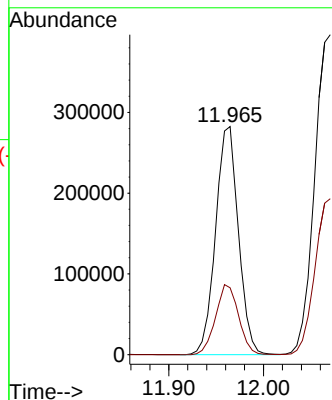
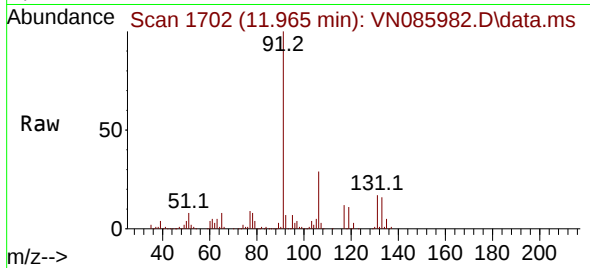
#67
Ethyl Benzene
Concen: 57.101 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 47303
Ion Ratio Lower Upper
91 100
106 29.3 24.7 37.1

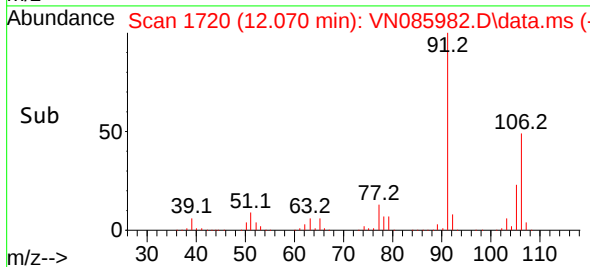
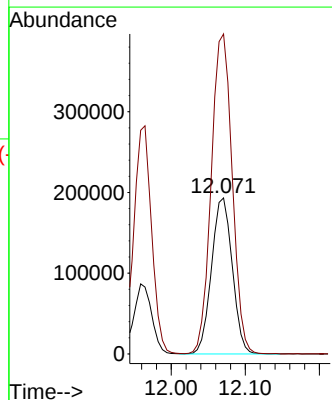
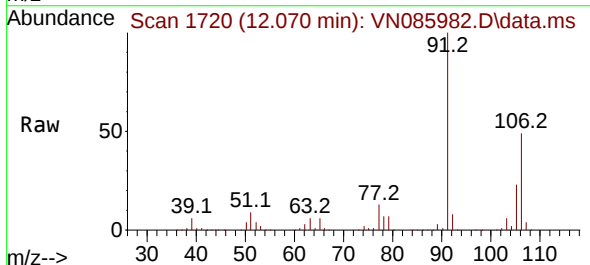
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#68
m/p-Xylenes
Concen: 119.420 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

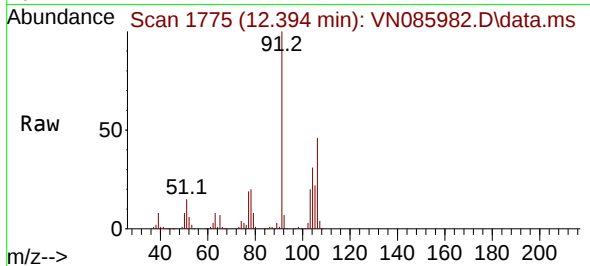
Tgt Ion:106 Resp: 375789
Ion Ratio Lower Upper
106 100
91 207.0 163.3 244.9





#69
o-Xylene
Concen: 58.861 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

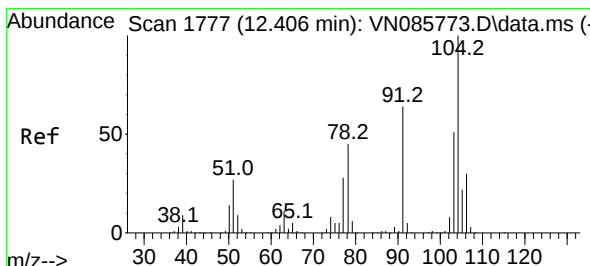
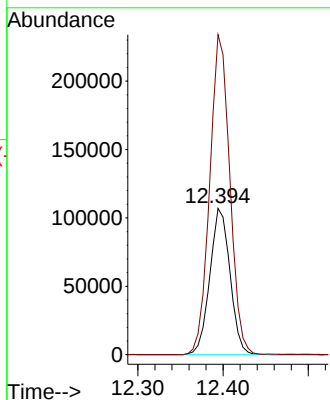
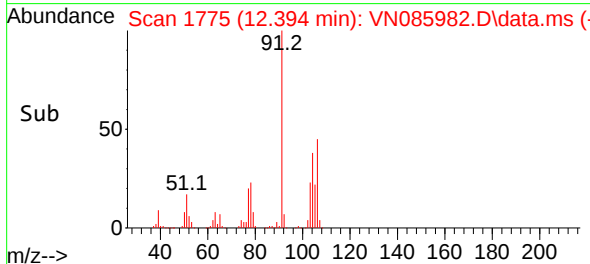
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



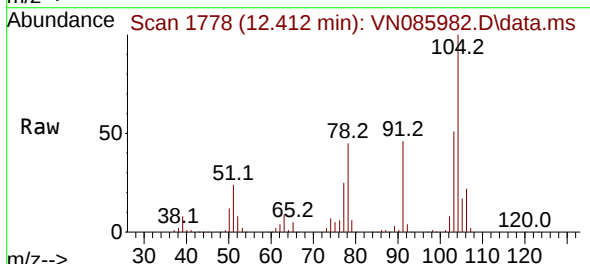
Tgt Ion:106 Resp: 176009
Ion Ratio Lower Upper
106 100
91 218.3 107.1 321.4

Manual Integrations
APPROVED

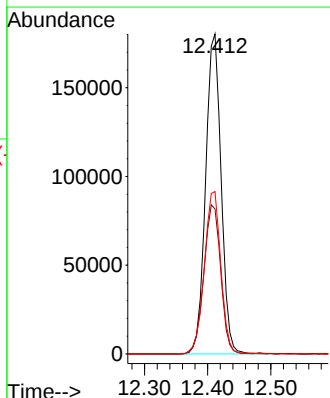
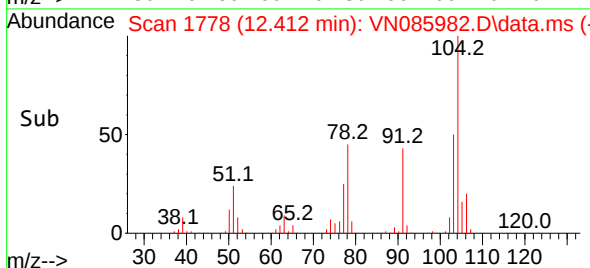
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

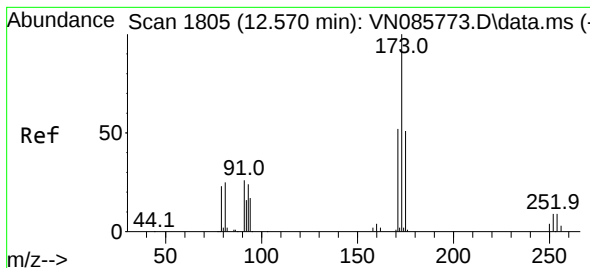


#70
Styrene
Concen: 54.826 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



Tgt Ion:104 Resp: 308195
Ion Ratio Lower Upper
104 100
78 50.7 39.0 58.6
103 53.9 43.3 64.9





#71

Bromoform

Concen: 56.310 ug/l

RT: 12.576 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VN085982.D

Acq: 13 Mar 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

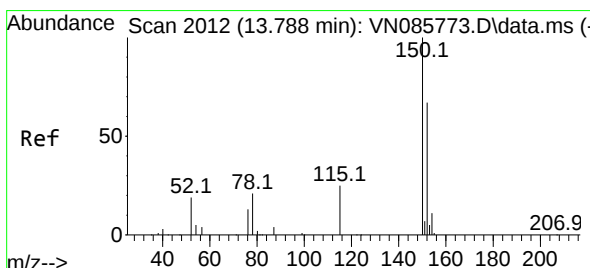
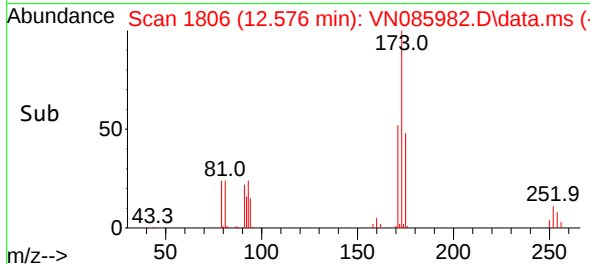
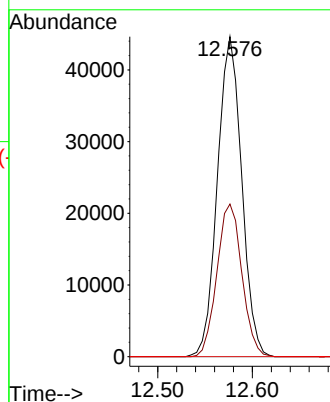
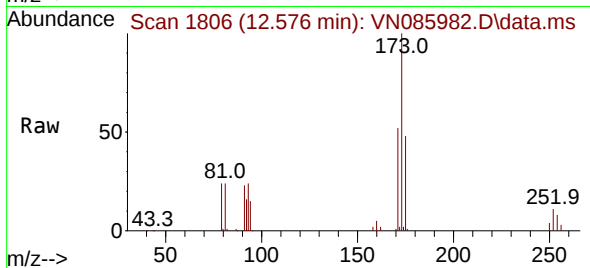
Tgt Ion:173	Resp:	7953
Ion Ratio	Lower	Upper
173	100	
175	49.0	25.1 75.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

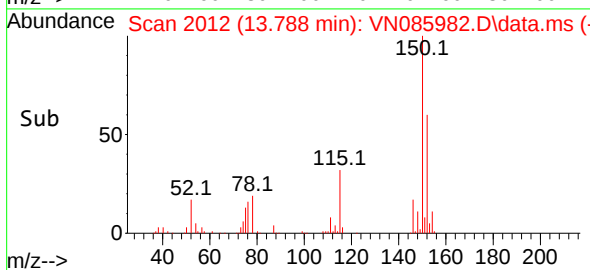
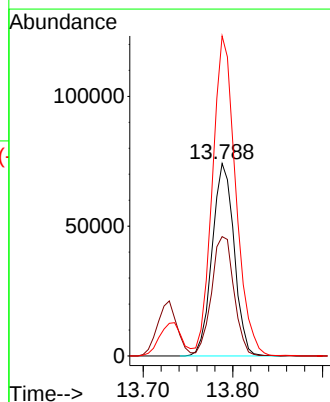
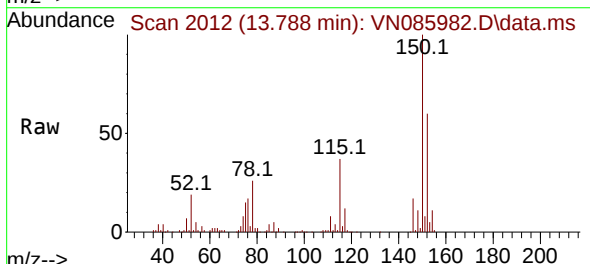
RT: 13.788 min Scan# 2012

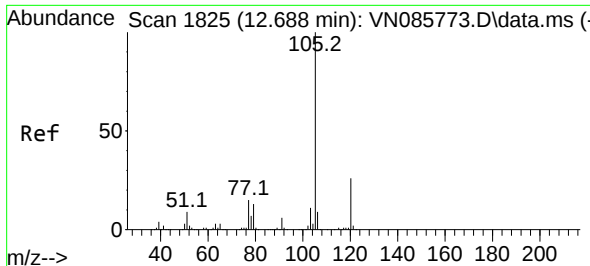
Delta R.T. -0.000 min

Lab File: VN085982.D

Acq: 13 Mar 2025 16:03

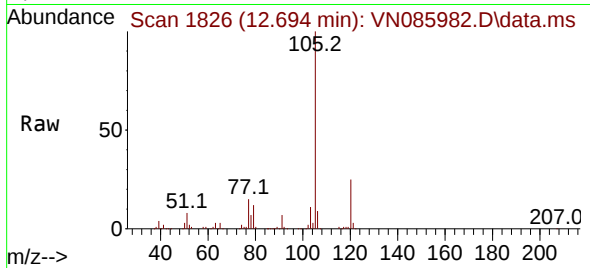
Tgt Ion:152	Resp:	125876
Ion Ratio	Lower	Upper
152	100	
115	63.9	30.4 91.3
150	176.2	0.0 345.4





#73
Isopropylbenzene
Concen: 52.132 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

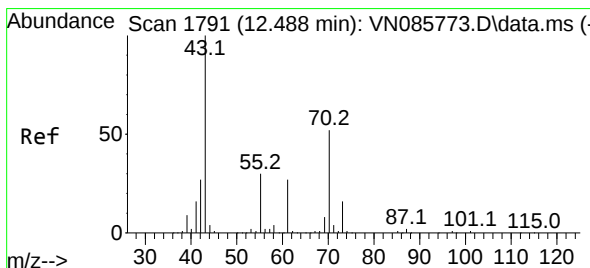
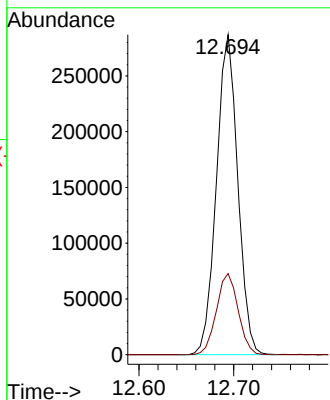
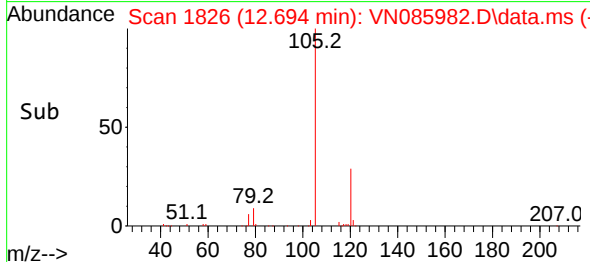
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



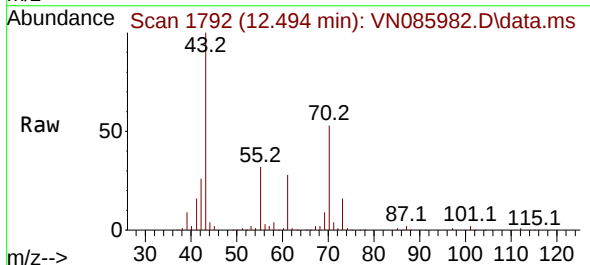
Tgt Ion:105 Resp: 449574
Ion Ratio Lower Upper
105 100
120 25.8 13.0 39.0

Manual Integrations
APPROVED

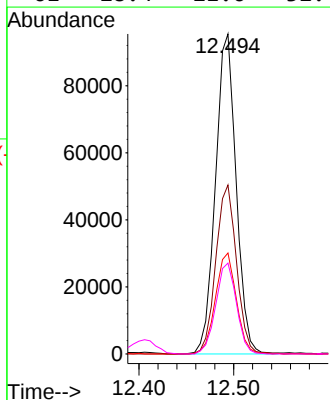
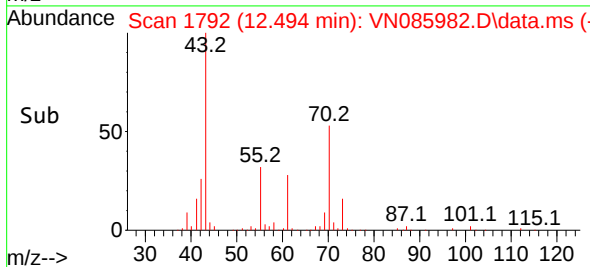
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

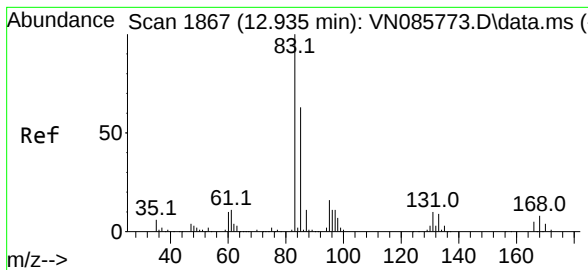


#74
N-ethyl acetate
Concen: 47.572 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



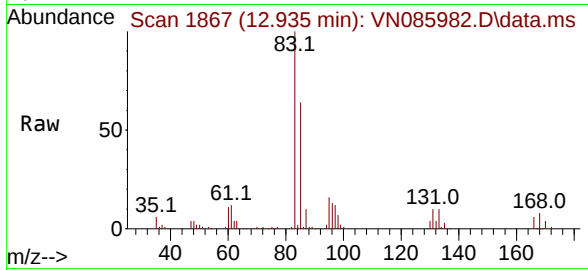
Tgt Ion: 43 Resp: 144671
Ion Ratio Lower Upper
43 100
70 52.9 41.0 61.4
55 32.0 24.6 36.8
61 28.4 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 44.198 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

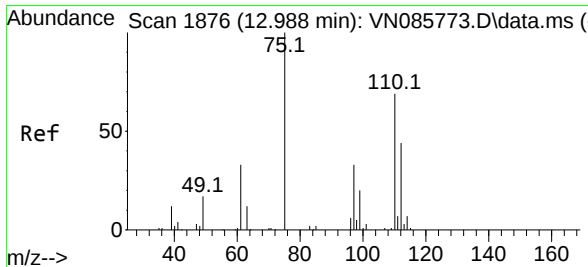
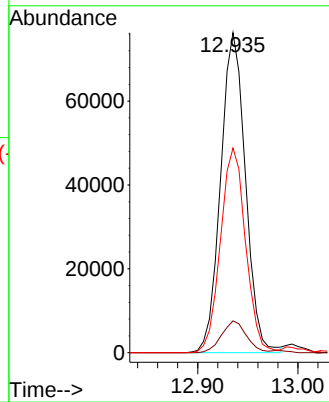
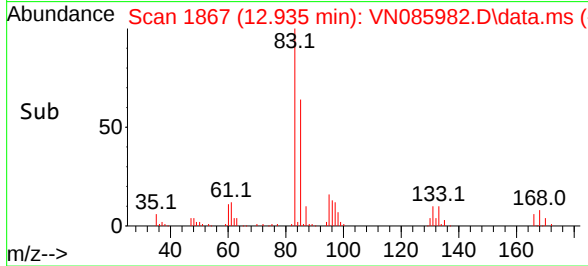
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 131158
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.7 32.2 96.6

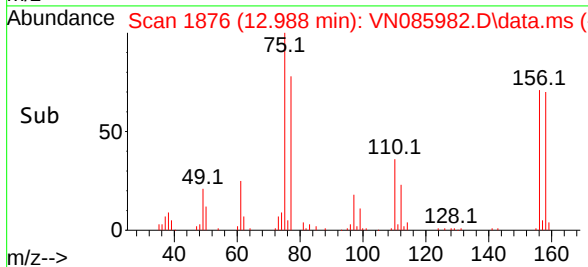
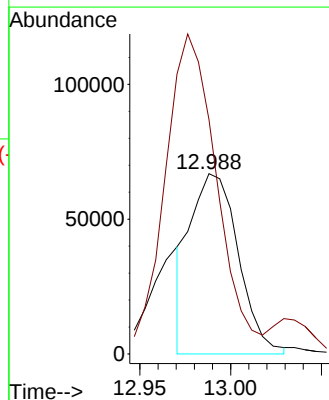
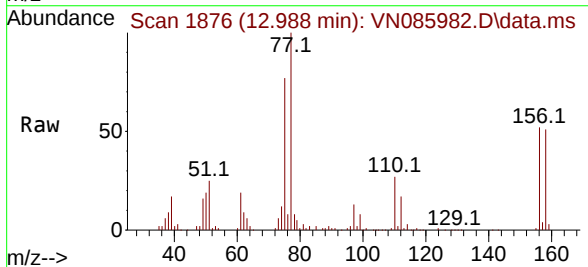
Manual Integrations
APPROVED

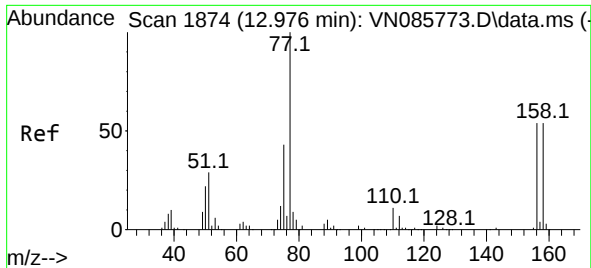
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#76
1,2,3-Trichloropropane
Concen: 43.877 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

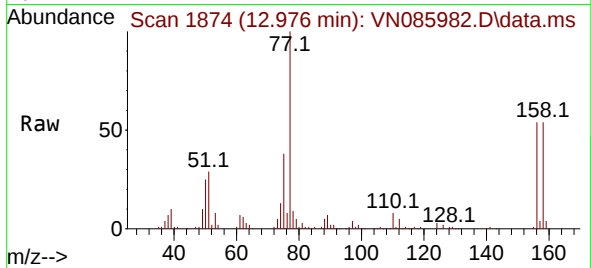
Tgt Ion: 75 Resp: 122687
Ion Ratio Lower Upper
75 100
77 192.1 100.0 300.0





#77
Bromobenzene
Concen: 49.463 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

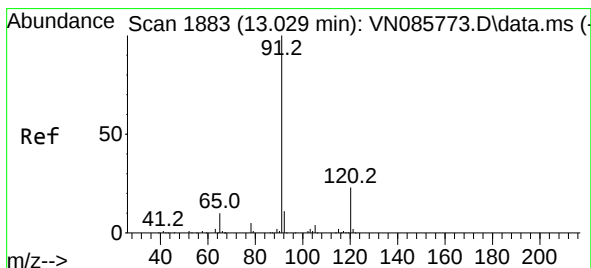
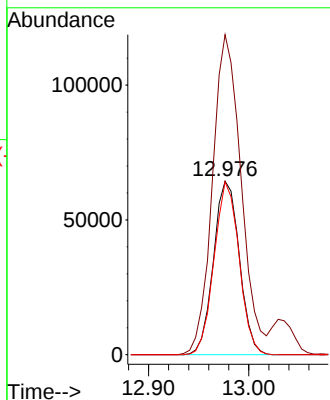
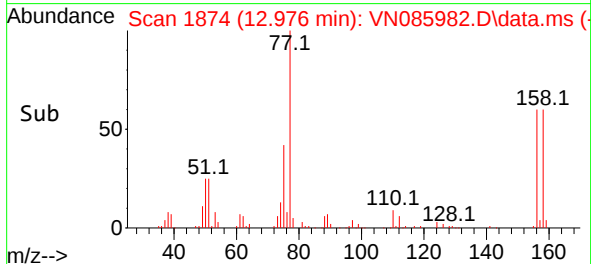
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 11524
Ion Ratio Lower Upper
156 100
77 204.5 104.1 312.3
158 96.2 48.1 144.4

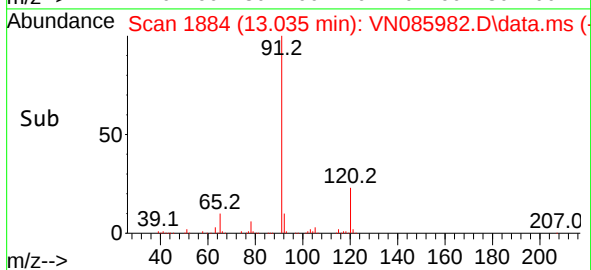
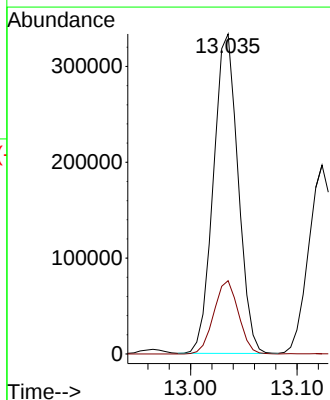
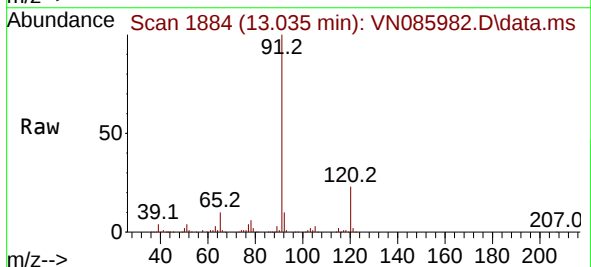
Manual Integrations
APPROVED

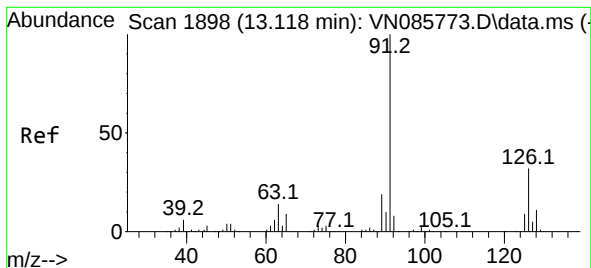
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#78
n-propylbenzene
Concen: 54.246 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

Tgt Ion: 91 Resp: 535748
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.8





#79

2-Chlorotoluene

Concen: 50.673 ug/l

RT: 13.123 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VN085982.D

Acq: 13 Mar 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 334375

Ion Ratio Lower Upper

91 100

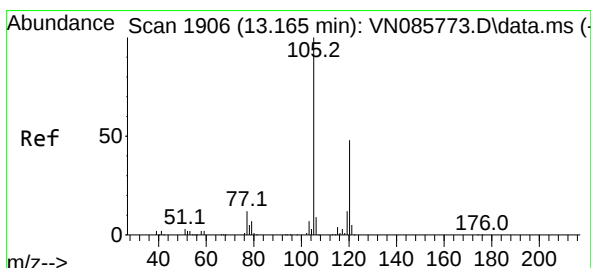
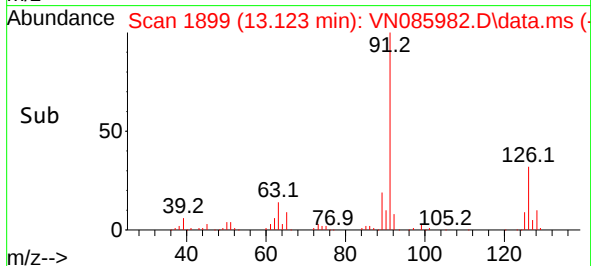
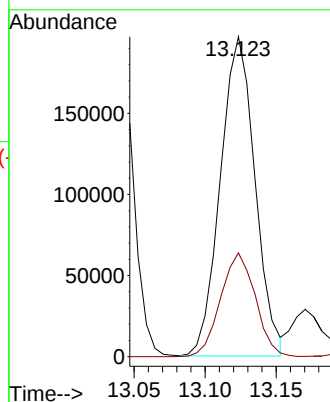
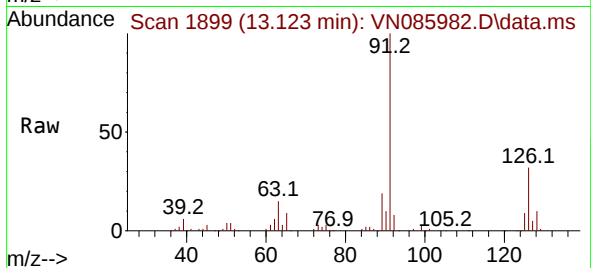
126 32.6 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#80

1,3,5-Trimethylbenzene

Concen: 56.323 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VN085982.D

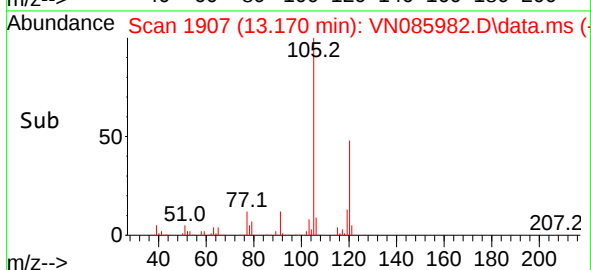
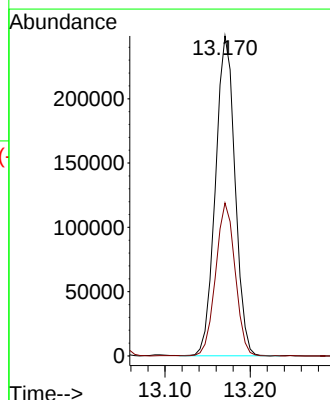
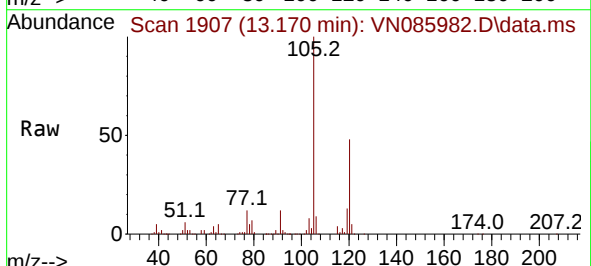
Acq: 13 Mar 2025 16:03

Tgt Ion:105 Resp: 395660

Ion Ratio Lower Upper

105 100

120 47.7 24.3 72.9





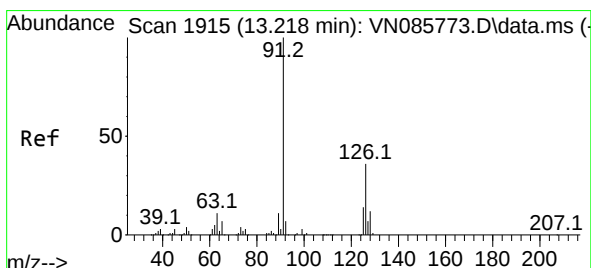
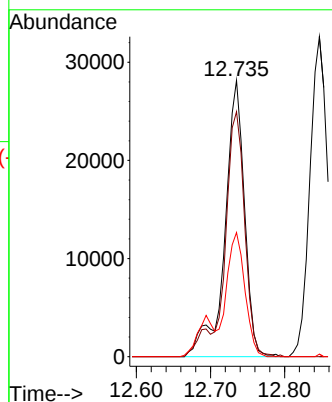
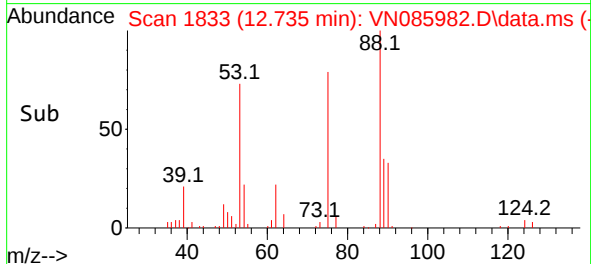
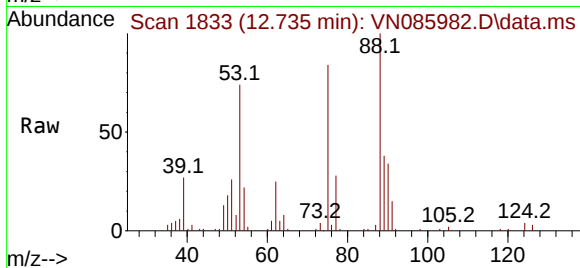
#81
trans-1,4-Dichloro-2-butene
Concen: 54.336 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5207
Ion Ratio Lower Upper
75 100
53 82.9 74.2 111.4
89 42.2 34.9 52.3

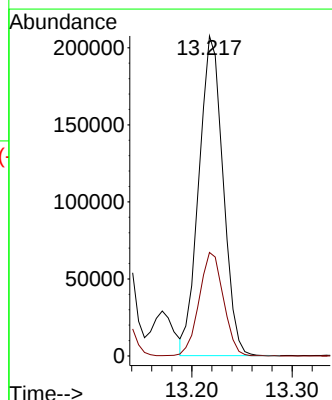
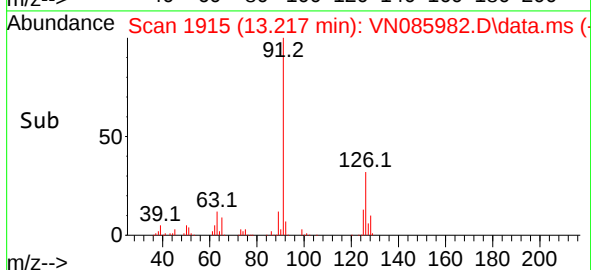
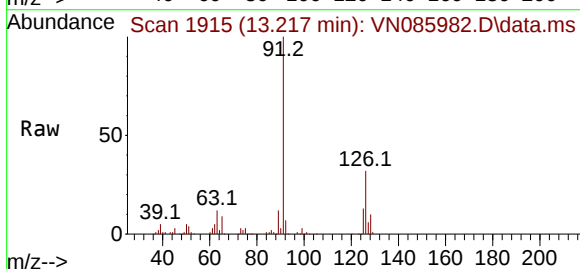
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#82
4-Chlorotoluene
Concen: 53.179 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

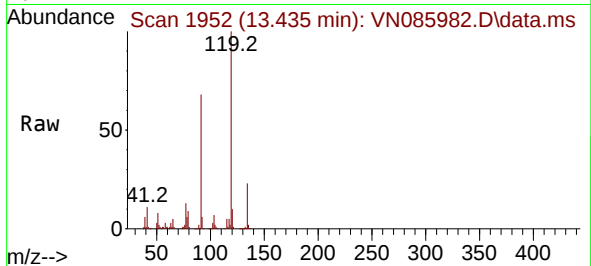
Tgt Ion: 91 Resp: 347879
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.4





#83
 tert-Butylbenzene
 Concen: 54.379 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085982.D
 Acq: 13 Mar 2025 16:03

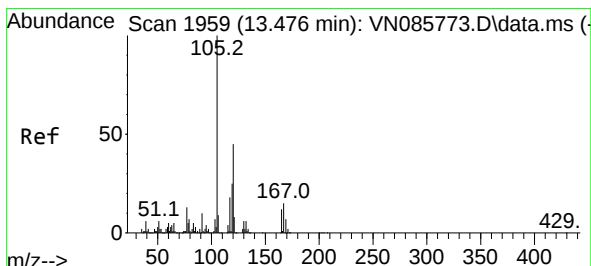
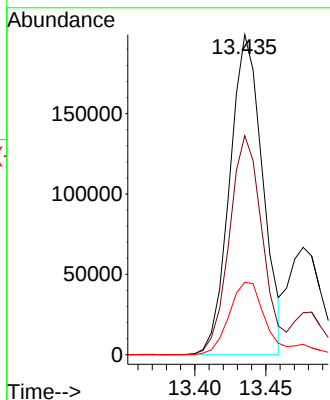
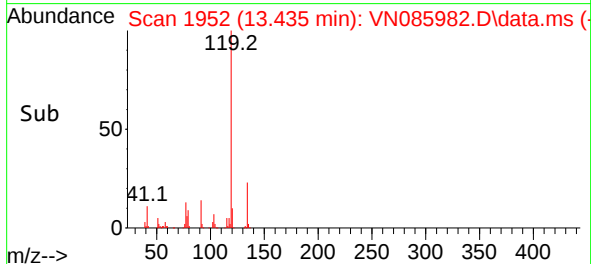
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



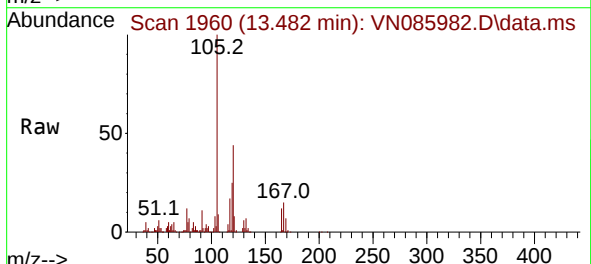
Tgt Ion:119 Resp: 321235
 Ion Ratio Lower Upper
 119 100
 91 69.3 32.5 97.5
 134 26.5 13.3 39.9

Manual Integrations
 APPROVED

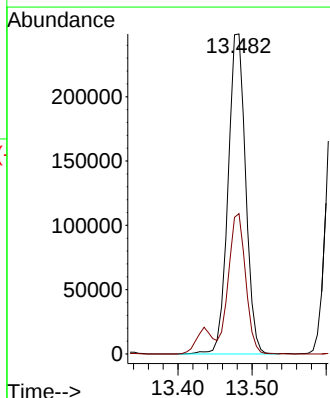
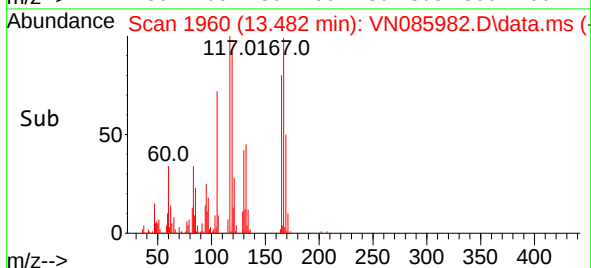
Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 58.900 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085982.D
 Acq: 13 Mar 2025 16:03



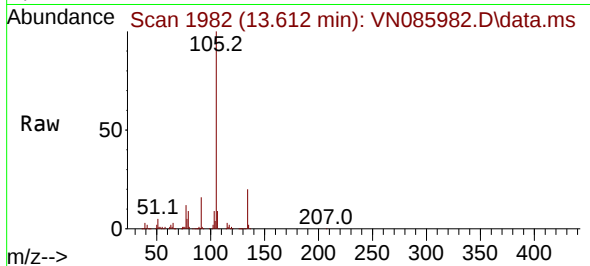
Tgt Ion:105 Resp: 409361
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.4 67.3





#85
 sec-Butylbenzene
 Concen: 54.269 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085982.D
 Acq: 13 Mar 2025 16:03

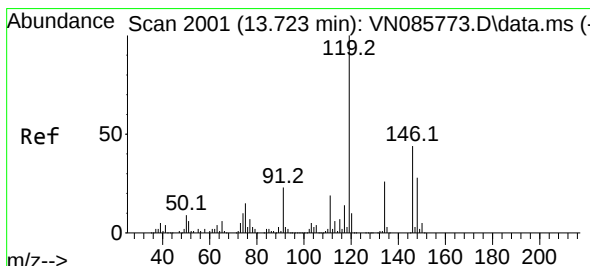
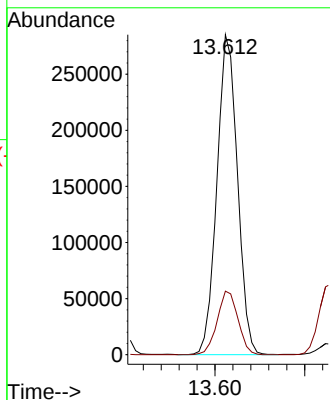
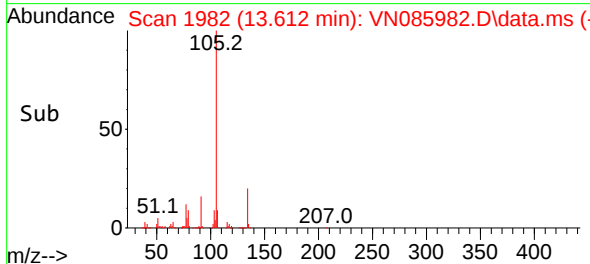
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



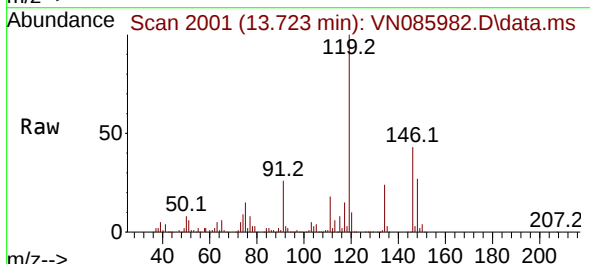
Tgt Ion:105 Resp: 45294
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.4

Manual Integrations
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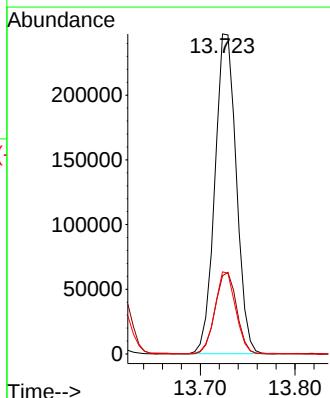
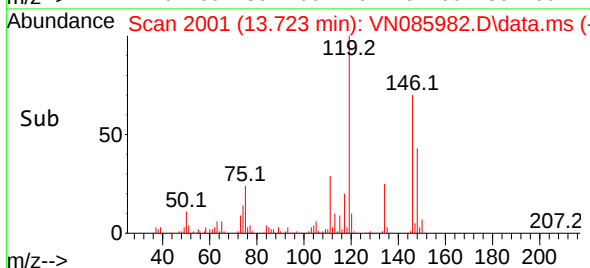
Reviewed By :John Carlone 03/14/2025
 Supervised By :Mahesh Dadoda 03/17/2025



#86
 p-Isopropyltoluene
 Concen: 50.764 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085982.D
 Acq: 13 Mar 2025 16:03



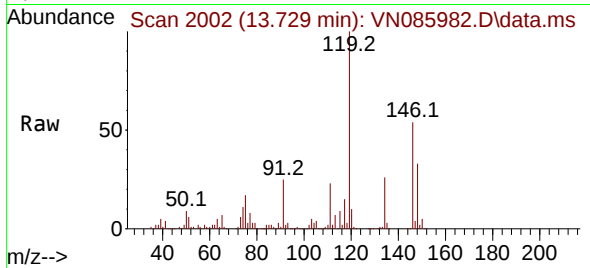
Tgt Ion:119 Resp: 388769
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 39.0
 91 24.8 11.7 35.1





#87
1,3-Dichlorobenzene
Concen: 49.975 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

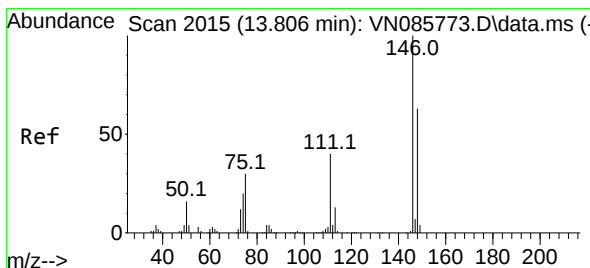
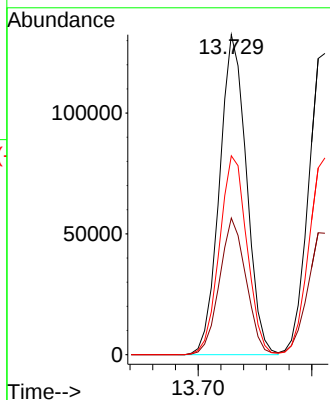
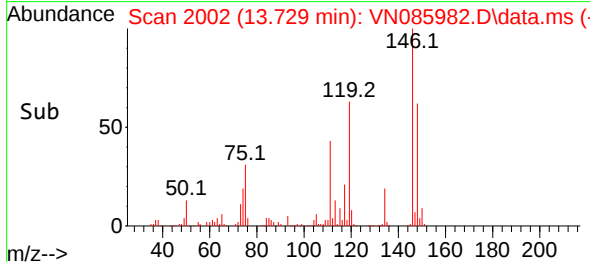
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



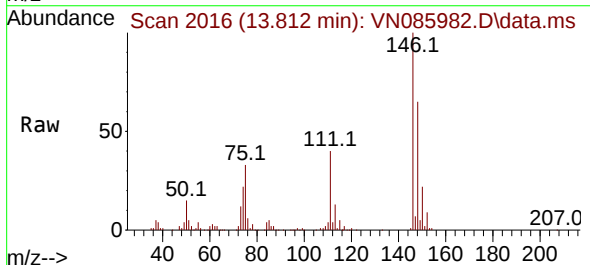
Tgt Ion:146 Resp: 218140
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.3
148 63.6 32.1 96.5

Manual Integrations
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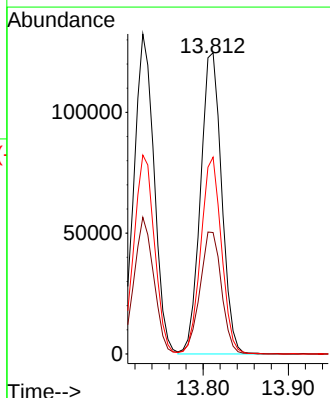
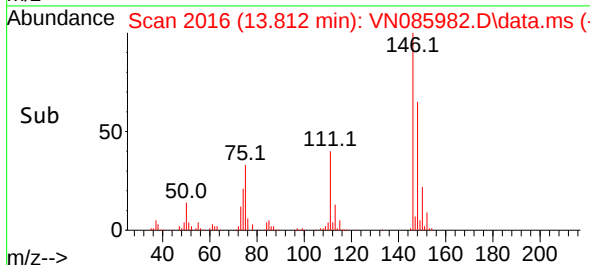
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025

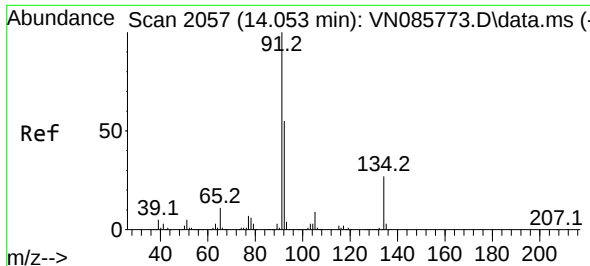


#88
1,4-Dichlorobenzene
Concen: 47.991 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



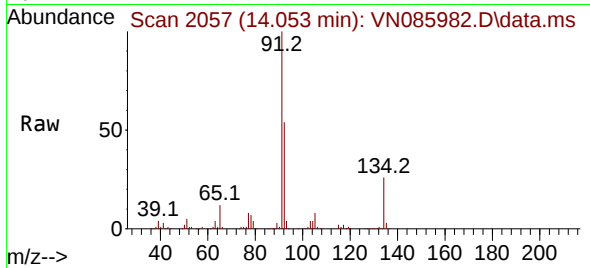
Tgt Ion:146 Resp: 214707
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.3
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 53.575 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

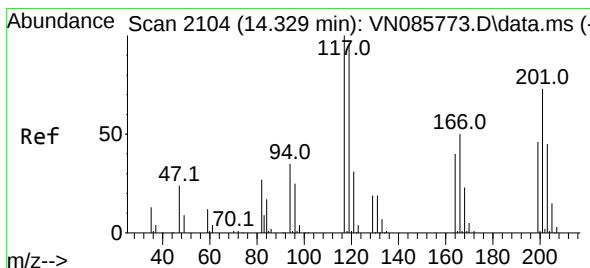
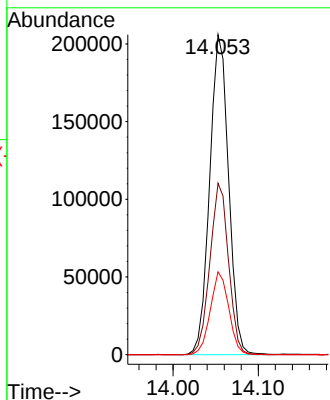
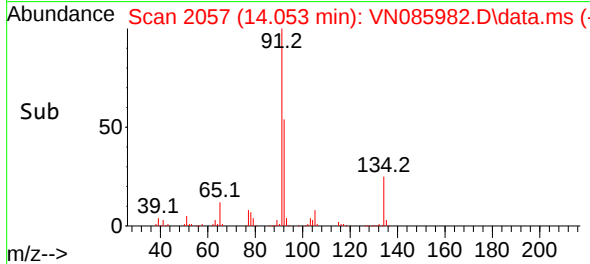
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 31747
Ion Ratio Lower Upper
91 100
92 52.8 27.1 81.3
134 25.2 12.7 38.1

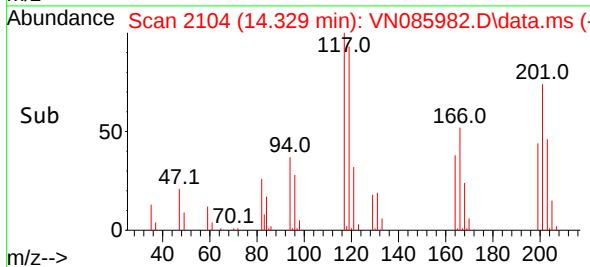
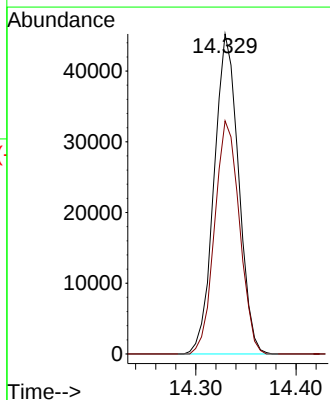
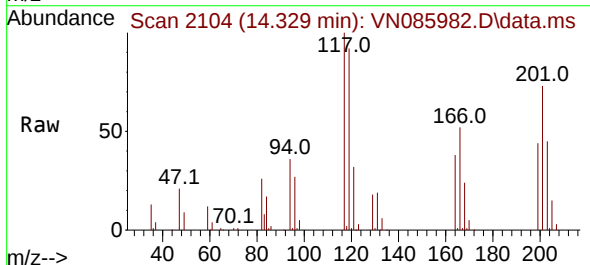
Manual Integrations
APPROVED

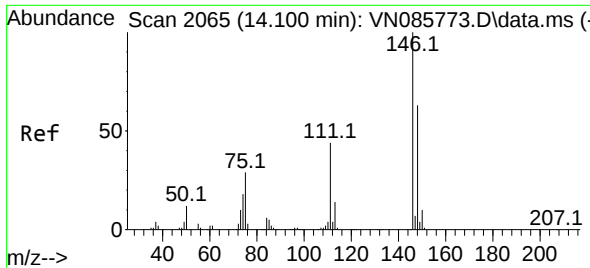
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#90
Hexachloroethane
Concen: 48.480 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

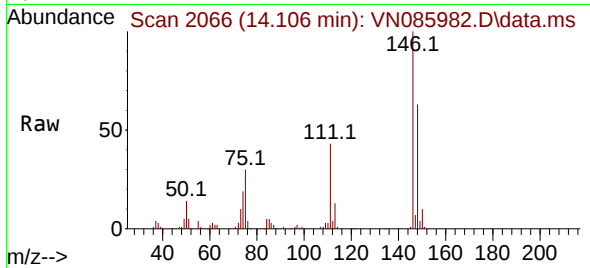
Tgt Ion:117 Resp: 76632
Ion Ratio Lower Upper
117 100
201 73.9 35.6 106.9





#91
1,2-Dichlorobenzene
Concen: 49.505 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

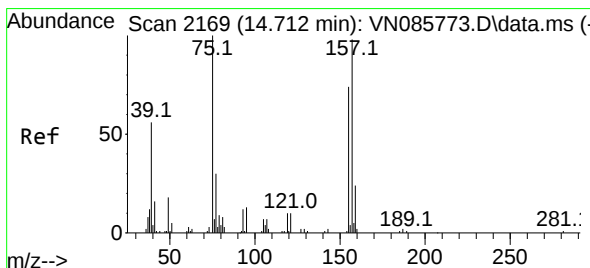
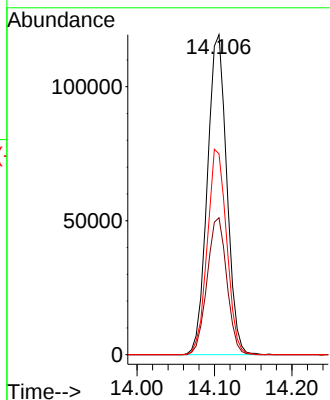
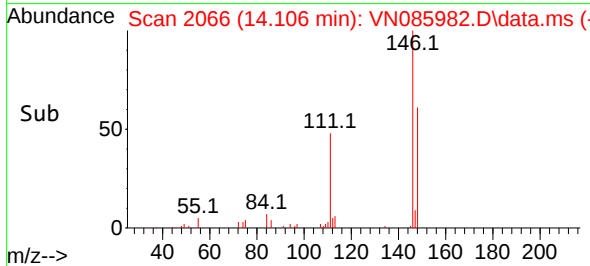
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



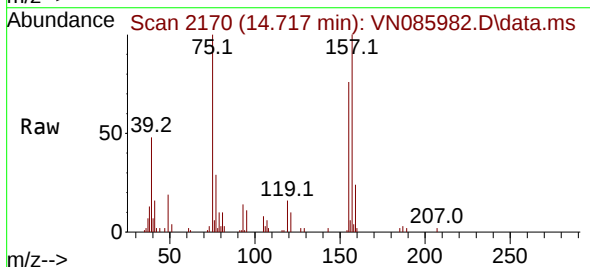
Tgt Ion:146 Resp: 207799
Ion Ratio Lower Upper
146 100
111 43.5 21.4 64.3
148 64.1 32.0 96.2

Manual Integrations
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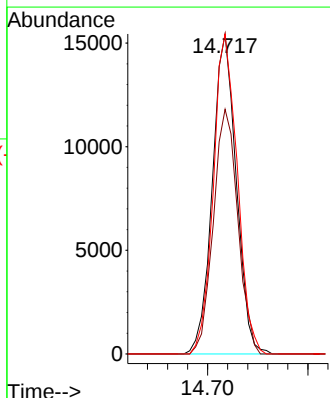
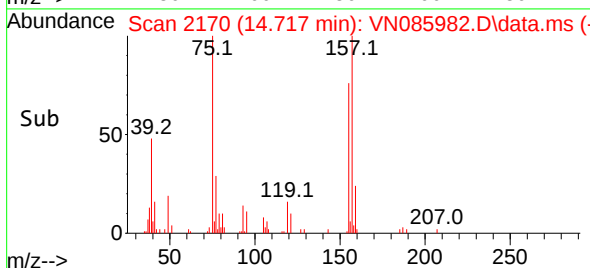
Reviewed By :John Carlone 03/14/2025
Supervised By :Mahesh Dadoda 03/17/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.651 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03



Tgt Ion: 75 Resp: 25421
Ion Ratio Lower Upper
75 100
155 78.6 39.9 119.6
157 100.4 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 51.002 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085982.D

Acq: 13 Mar 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

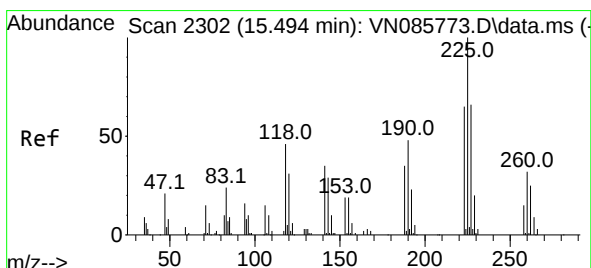
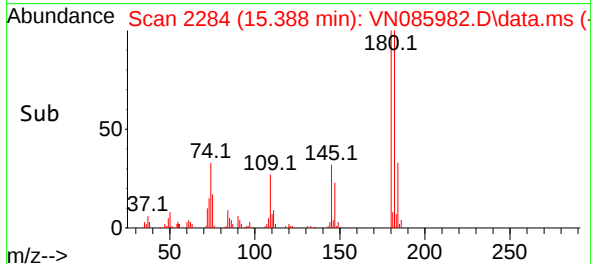
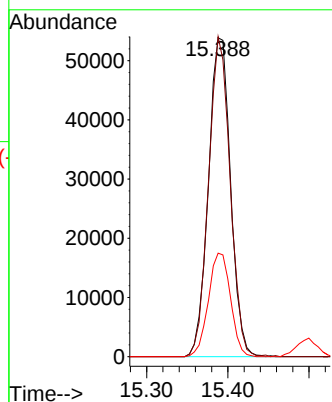
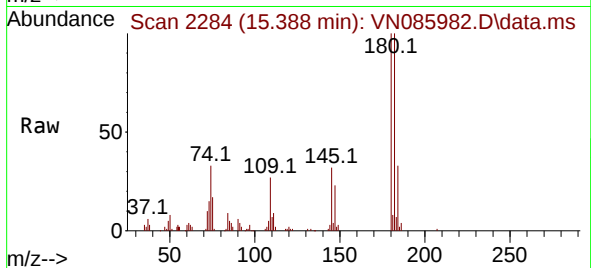
Tgt Ion:180	Resp: 10201
Ion Ratio	Lower Upper
180 100	
182 97.5	47.3 141.9
145 32.4	16.2 48.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#94

Hexachlorobutadiene

Concen: 45.473 ug/l

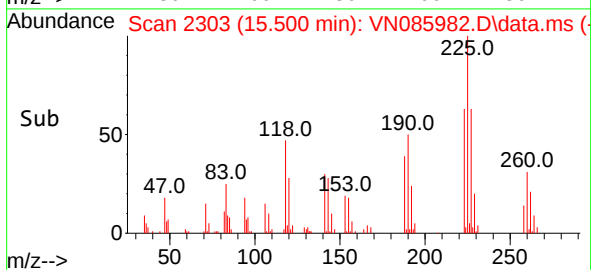
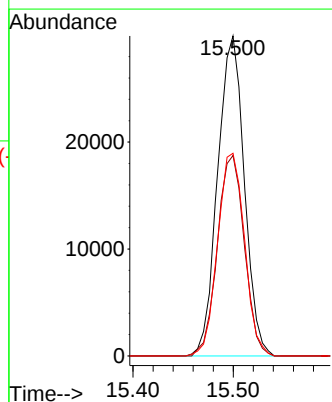
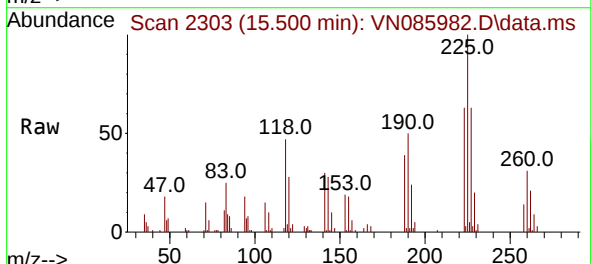
RT: 15.500 min Scan# 2303

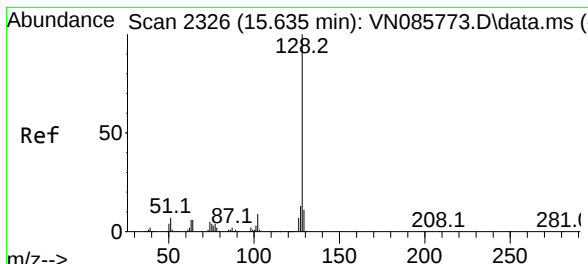
Delta R.T. 0.006 min

Lab File: VN085982.D

Acq: 13 Mar 2025 16:03

Tgt Ion:225	Resp: 55276
Ion Ratio	Lower Upper
225 100	
223 63.2	31.9 95.5
227 63.9	32.2 96.6





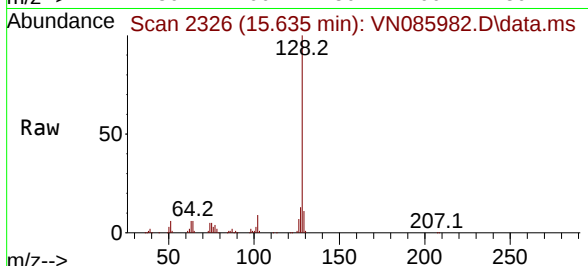
#95
Naphthalene
Concen: 51.406 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



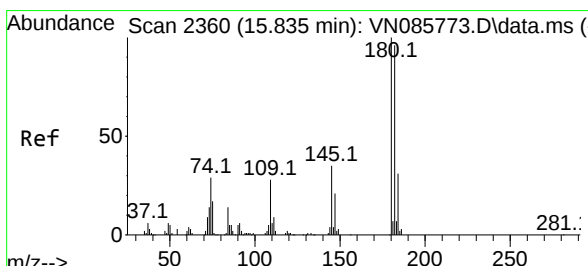
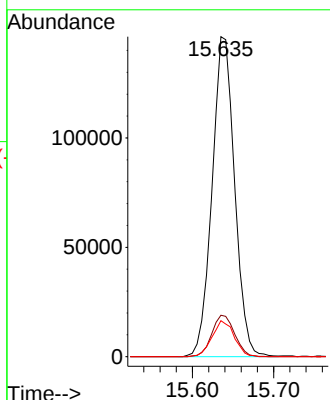
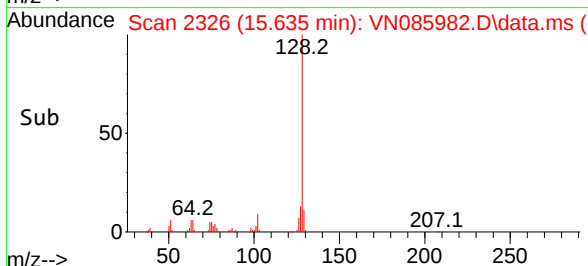
Tgt Ion:	128	Resp:	282284
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.2	15.2
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/14/2025

Supervised By :Mahesh Dadoda 03/17/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.188 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085982.D
Acq: 13 Mar 2025 16:03

Tgt Ion:	180	Resp:	100778
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.3	141.8
145	34.1	16.9	50.6

