

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011025\
 Data File : VN085420.D
 Acq On : 10 Jan 2025 11:57
 Operator : JC\MD
 Sample : VN0110WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 10 22:41:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	34644	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.095	114	184595	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.859	117	172668	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	89757	29.452	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.167%		
60) 4-Bromofluorobenzene	12.847	95	80894	28.922	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.400%		
63) Toluene-d8	10.565	98	248920	29.523	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.400%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	56448	19.487	ug/l	95
3) Chloromethane	2.360	50	53085	18.151	ug/l	99
4) Vinyl Chloride	2.513	62	55299	18.621	ug/l	100
5) Bromomethane	2.954	94	33383	19.229	ug/l	100
6) Chloroethane	3.118	64	35127	18.738	ug/l	94
7) Trichlorofluoromethane	3.501	101	81913	20.077	ug/l	93
8) Diethyl Ether	3.954	74	28758	20.467	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	48417	20.666	ug/l	97
10) 1,1-Dichloroethene	4.336	96	43297	20.230	ug/l	96
11) Methyl Iodide	4.583	142	55372	21.588	ug/l	98
12) Methyl Acetate	5.018	43	71510	22.374	ug/l	91
13) Acrolein	4.177	56	34166	119.743	ug/l	99
14) Acrylonitrile	5.712	53	120647	97.597	ug/l	99
15) Acetone	4.424	58	29675	95.163	ug/l	96
16) Carbon Disulfide	4.712	76	120570	18.533	ug/l	96
17) Allyl chloride	5.018	41	67828	19.591	ug/l	99
18) Methylene Chloride	5.277	84	51243	20.093	ug/l	92
19) trans-1,2-Dichloroethene	5.783	96	45558	20.466	ug/l	93
20) Diisopropyl ether	6.665	45	165139	20.813	ug/l	95
21) 1,1-Dichloroethane	6.559	63	96081	20.713	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	55536	20.951	ug/l	96
23) tert-Butyl Alcohol	5.512	59	35324	86.706	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	150734	21.458	ug/l	98
25) Chloroform	7.959	83	95016	20.207	ug/l	97
26) Cyclohexane	8.253	56	71531	20.226	ug/l #	96
29) 1,1-Dichloropropene	8.365	75	64363	20.082	ug/l	100
30) 2-Butanone	7.477	43	158880	93.914	ug/l #	96
31) 2,2-Dichloropropane	7.489	77	83721	20.615	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	82250	19.741	ug/l	99
33) Carbon Tetrachloride	8.353	117	71733	19.668	ug/l	94
34) Benzene	8.600	78	204167	20.153	ug/l	97
35) Methacrylonitrile	7.771	41	37860	20.216	ug/l	97
36) 1,2-Dichloroethane	8.665	62	73426	20.043	ug/l	100
37) Trichloroethene	9.347	130	44971	20.176	ug/l	95
38) Methylcyclohexane	9.594	83	65223	19.665	ug/l	95
39) 1,2-Dichloropropane	9.618	63	52453	20.350	ug/l	95
40) Dibromomethane	9.706	93	35948	20.004	ug/l	98
41) Bromodichloromethane	9.883	83	76799	20.449	ug/l #	99
42) Vinyl Acetate	6.595	43	578737	96.913	ug/l	100

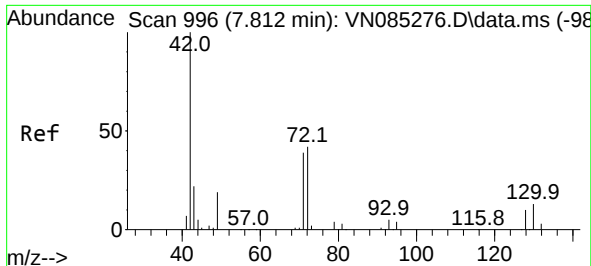
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011025\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	63452	18.136	ug/l	99
44) Isopropyl Acetate	8.683	43	111030	19.104	ug/l	98
45) 1,4-Dioxane	9.689	88	15964	353.149	ug/l	95
46) Methyl methacrylate	9.677	41	50893	18.865	ug/l	94
47) n-amyl Acetate	12.488	43	90676	18.314	ug/l	99
48) t-1,3-Dichloropropene	10.830	75	73810	19.897	ug/l	95
49) cis-1,3-Dichloropropene	10.306	75	80876	20.279	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	47178	20.074	ug/l	97
51) Ethyl methacrylate	10.871	69	69634	19.589	ug/l	90
52) 1,3-Dichloropropane	11.159	76	83604	20.379	ug/l	99
53) Dibromochloromethane	11.353	129	53558	19.448	ug/l	97
54) 1,2-Dibromoethane	11.465	107	45376	19.950	ug/l	100
55) 2-Chloroethyl vinyl ether	10.153	63	194587	106.272	ug/l	99
56) Bromoform	12.577	173	33804	18.816	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	337196	96.330	ug/l	98
59) 2-Hexanone	11.188	43	237851	93.535	ug/l	98
61) Tetrachloroethene	11.100	164	39555	20.520	ug/l	96
62) Toluene	10.624	91	210513	19.845	ug/l	99
64) Chlorobenzene	11.888	112	133055	20.797	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	47059	20.282	ug/l	99
66) Ethyl Benzene	11.959	91	223112	19.989	ug/l	97
67) m/p-Xylenes	12.065	106	171024	40.842	ug/l	98
68) o-Xylene	12.394	106	80580	20.202	ug/l	99
69) Styrene	12.406	104	133682	19.831	ug/l	99
70) Isopropylbenzene	12.694	105	205298	20.498	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	68922	19.402	ug/l	96
72) 1,2,3-Trichloropropane	12.988	75	85925	28.421	ug/l	54
73) Bromobenzene	12.977	156	49871	20.156	ug/l	98
74) n-propylbenzene	13.030	91	245878	19.705	ug/l	98
75) 2-Chlorotoluene	13.124	91	152717	20.317	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	172482	20.183	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	22424	18.148	ug/l	88
78) 4-Chlorotoluene	13.218	91	150801	19.732	ug/l	99
79) tert-butylbenzene	13.435	119	143661	20.555	ug/l	96
80) 1,2,4-Trimethylbenzene	13.477	105	173092	20.348	ug/l	100
81) sec-Butylbenzene	13.612	105	203844	20.202	ug/l	100
82) p-Isopropyltoluene	13.724	119	166671	20.057	ug/l	99
83) 1,3-Dichlorobenzene	13.730	146	92562	20.059	ug/l	99
84) 1,4-Dichlorobenzene	13.806	146	88025	19.717	ug/l	99
85) n-Butylbenzene	14.053	91	140172	19.538	ug/l	99
86) Hexachloroethane	14.329	117	34358	19.259	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	86114	19.643	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	12098	18.656	ug/l	95
89) 1,2,4-Trichlorobenzene	15.835	180	41132	19.804	ug/l	98
90) Hexachlorobutadiene	15.500	225	20796	20.087	ug/l	95
91) Naphthalene	15.635	128	123026	18.436	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	41132	19.804	ug/l	98

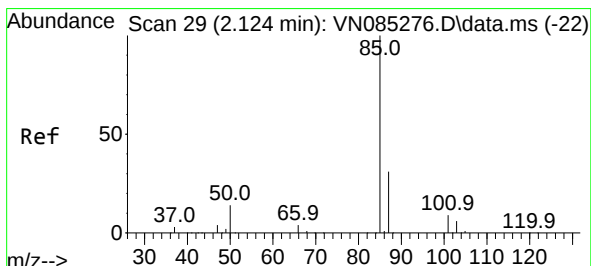
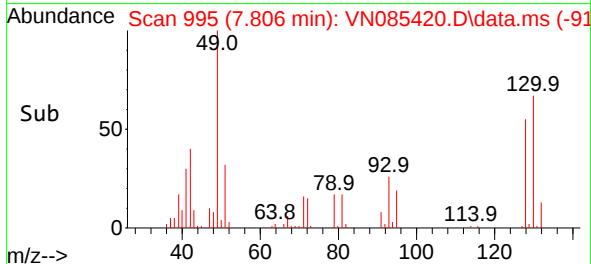
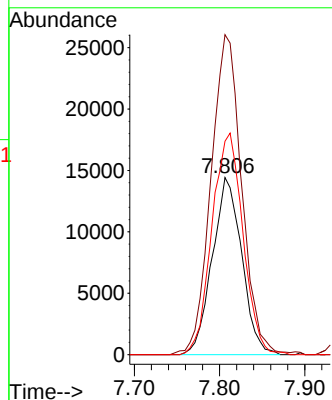
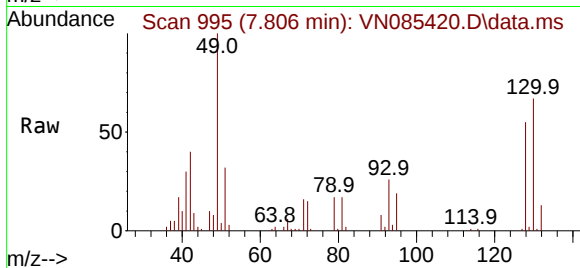
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#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.806 min Scan# 99
 Delta R.T. -0.006 min
 Lab File: VN085420.D
 Acq: 10 Jan 2025 11:57

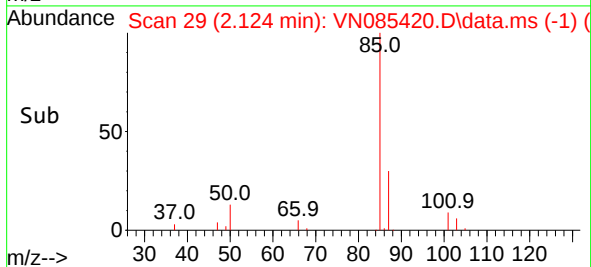
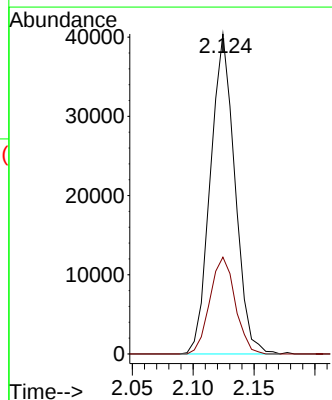
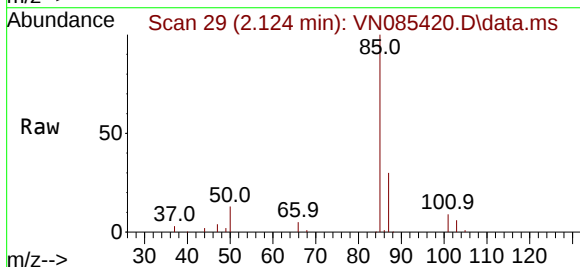
Instrument :
 MSVOA_N
 ClientSampleId :

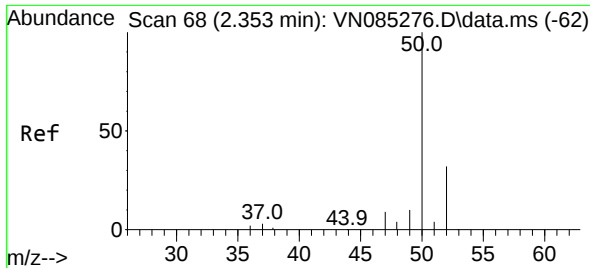
Tgt Ion:128 Resp: 34644
 Ion Ratio Lower Upper
 128 100
 49 188.0 0.0 497.8
 130 131.5 0.0 328.5



#2
 Dichlorodifluoromethane
 Concen: 19.487 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VN085420.D
 Acq: 10 Jan 2025 11:57

Tgt Ion: 85 Resp: 56448
 Ion Ratio Lower Upper
 85 100
 87 30.3 16.5 49.5

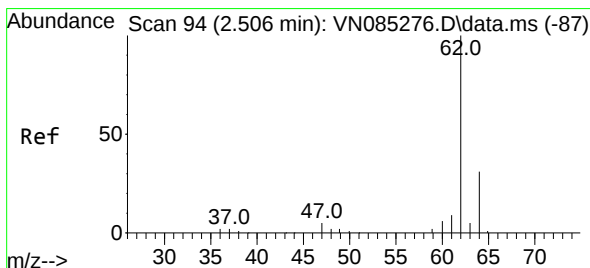
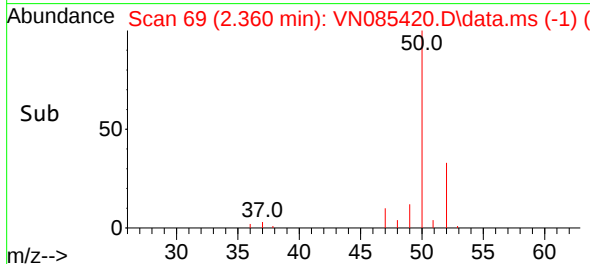
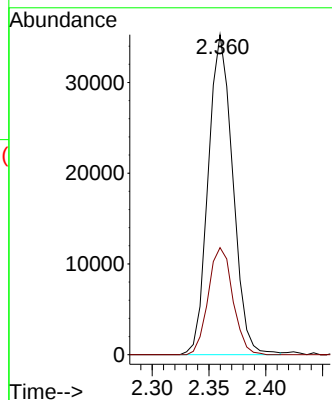
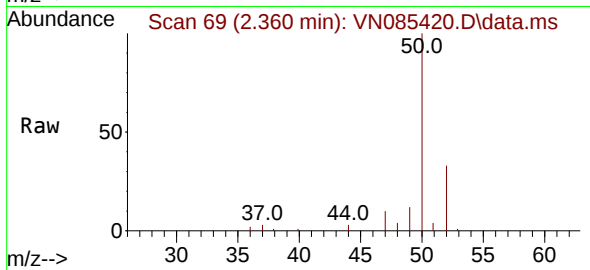




#3
Chloromethane
Concen: 18.151 ug/l
RT: 2.360 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

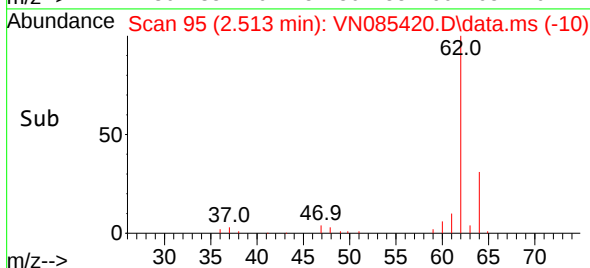
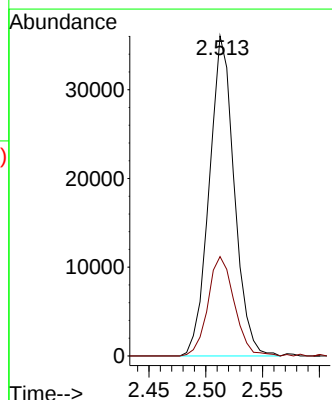
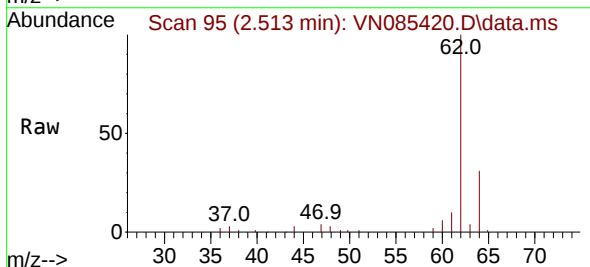
Instrument :
MSVOA_N
ClientSampleId :

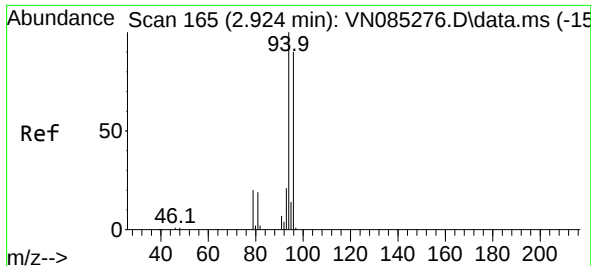
Tgt Ion: 50 Resp: 53085
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7



#4
Vinyl Chloride
Concen: 18.621 ug/l
RT: 2.513 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

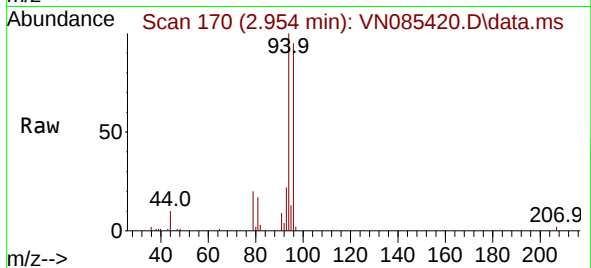
Tgt Ion: 62 Resp: 55299
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.4



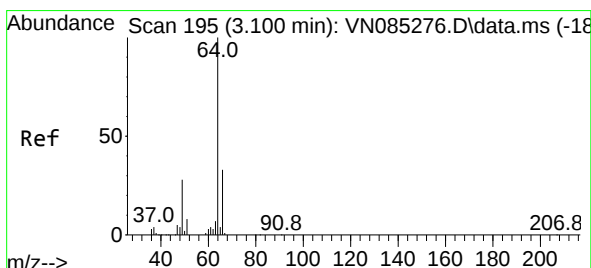
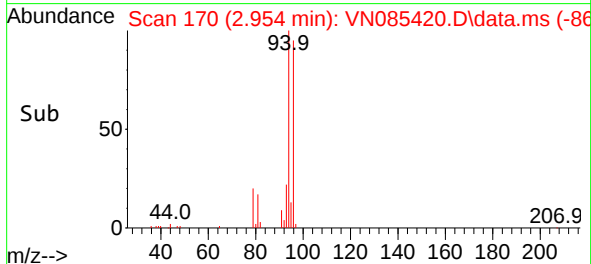
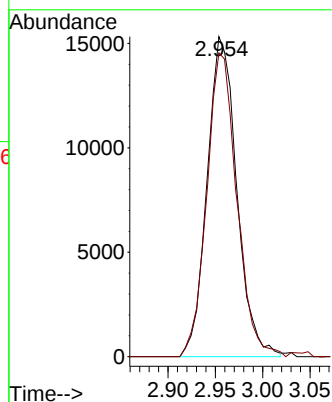


#5
Bromomethane
Concen: 19.229 ug/l
RT: 2.954 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :

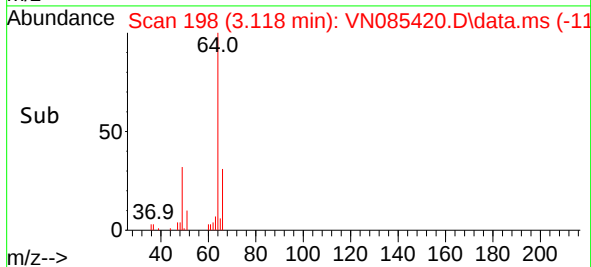
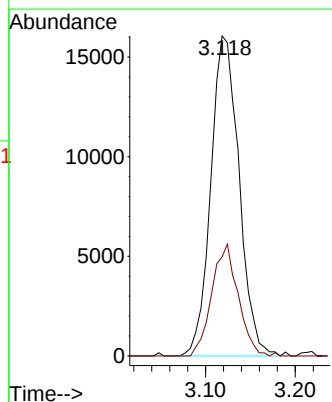
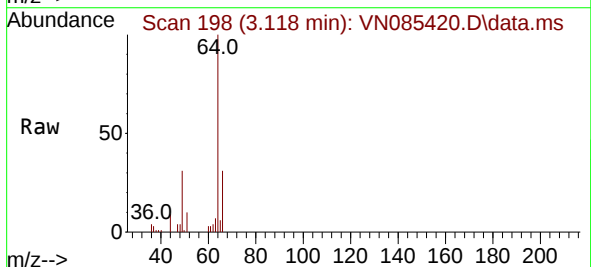


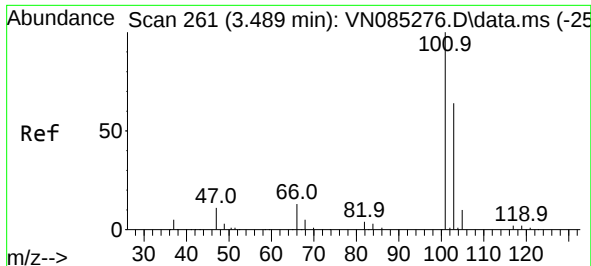
Tgt Ion: 94 Resp: 33383
Ion Ratio Lower Upper
94 100
96 95.0 75.6 113.4



#6
Chloroethane
Concen: 18.738 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 64 Resp: 35127
Ion Ratio Lower Upper
64 100
66 31.0 22.2 33.4

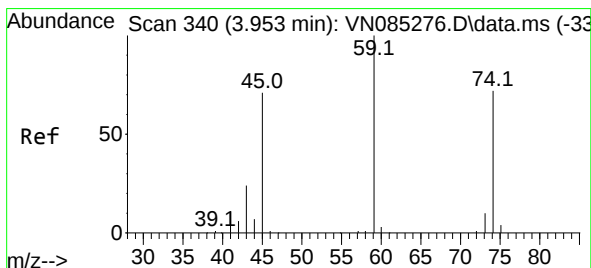
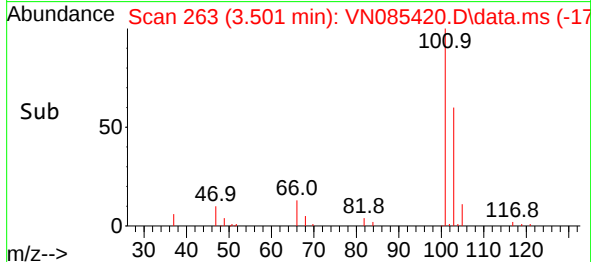
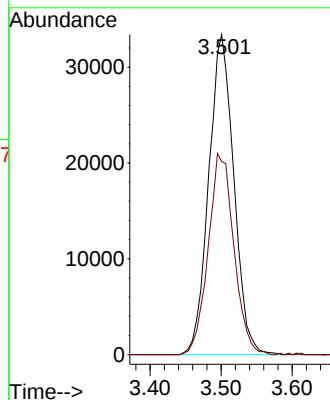
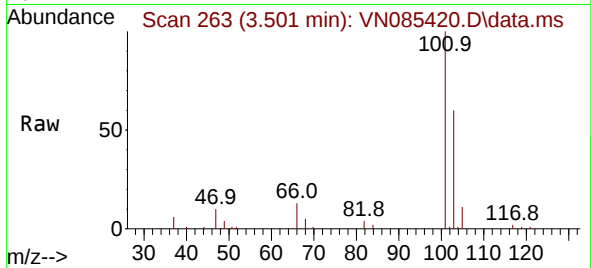




#7
 Trichlorofluoromethane
 Concen: 20.077 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085420.D
 Acq: 10 Jan 2025 11:57

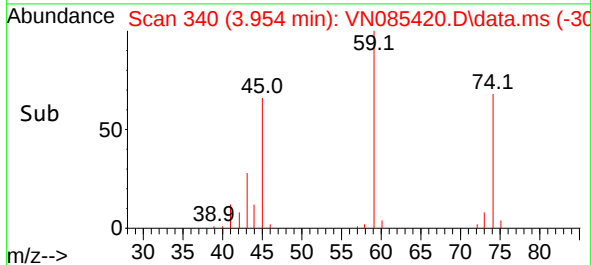
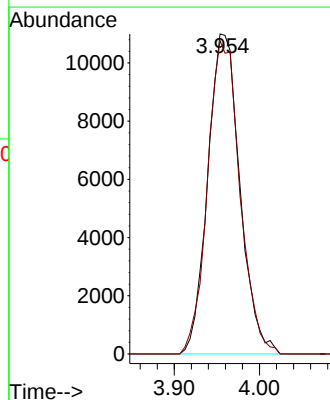
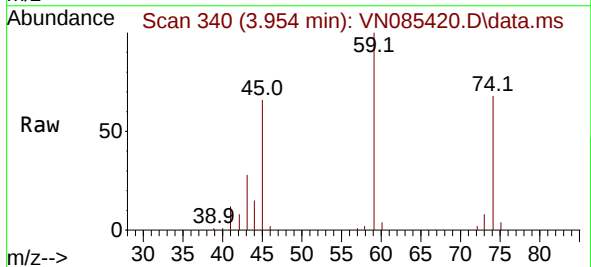
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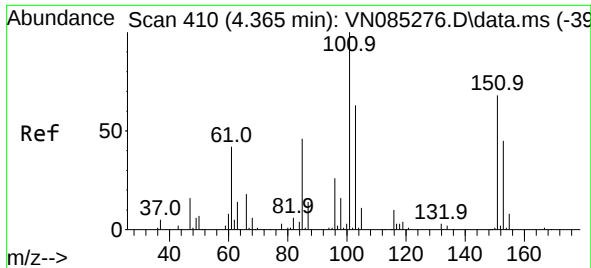
Tgt Ion:101 Resp: 81913
 Ion Ratio Lower Upper
 101 100
 103 60.4 52.6 78.8



#8
 Diethyl Ether
 Concen: 20.467 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN085420.D
 Acq: 10 Jan 2025 11:57

Tgt Ion: 74 Resp: 28758
 Ion Ratio Lower Upper
 74 100
 45 98.7 20.8 187.6

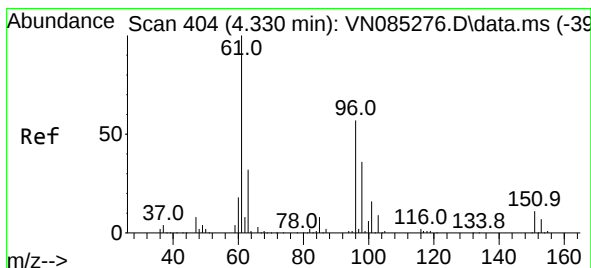
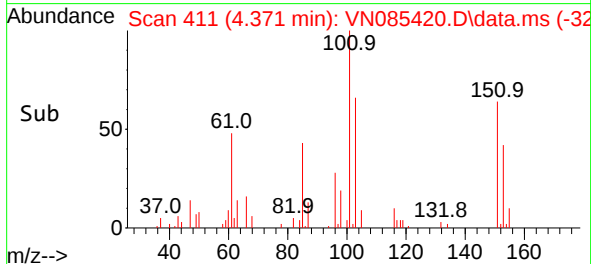
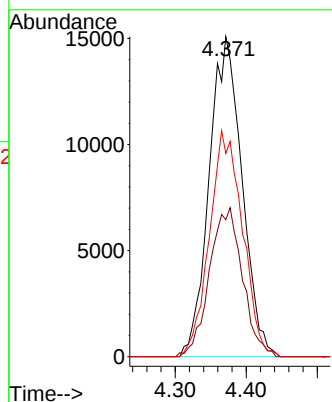
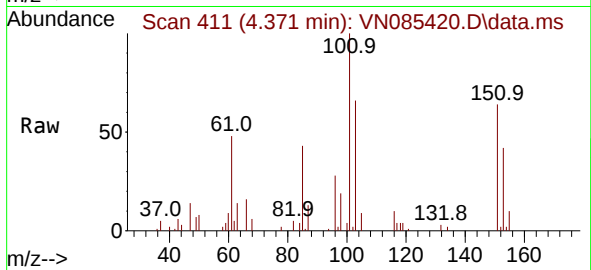




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.666 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

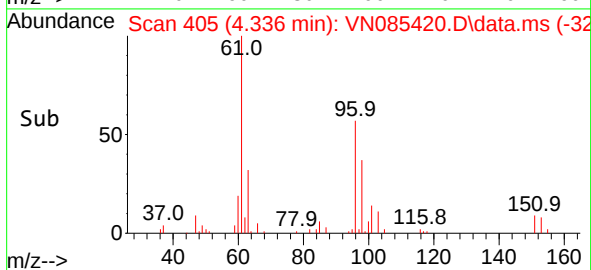
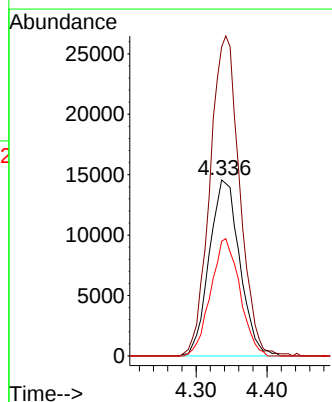
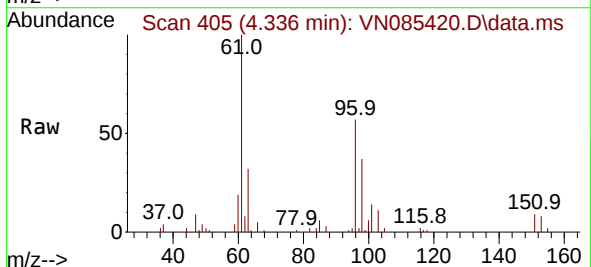
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MSVOA_N
ClientSampleId :

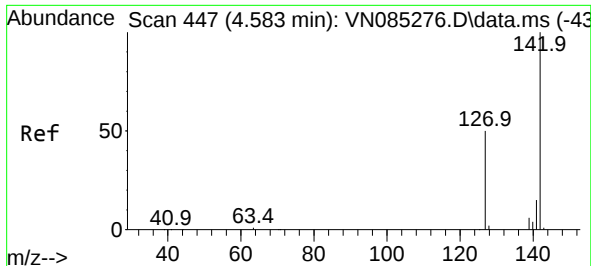
Tgt Ion:101 Resp: 48417
Ion Ratio Lower Upper
101 100
85 46.8 0.0 96.6
151 71.0 0.0 147.4



#10
1,1-Dichloroethene
Concen: 20.230 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

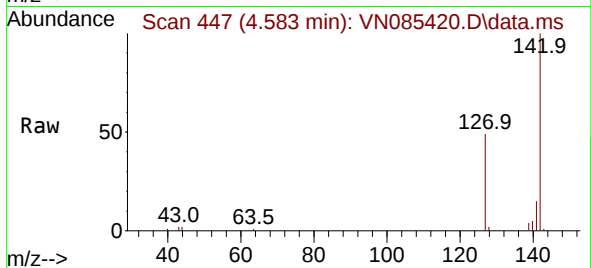
Tgt Ion: 96 Resp: 43297
Ion Ratio Lower Upper
96 100
61 175.7 145.9 218.9
98 65.2 51.9 77.9



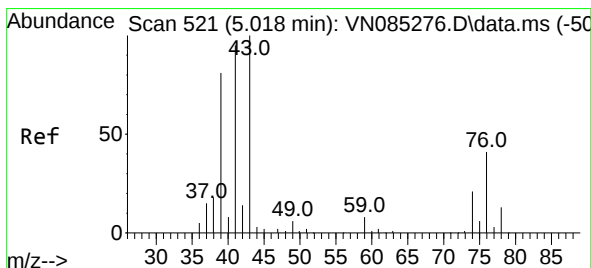
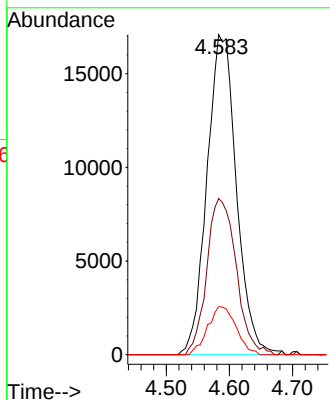
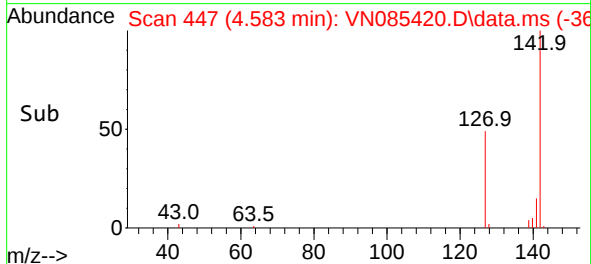


#11
Methyl Iodide
Concen: 21.588 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :

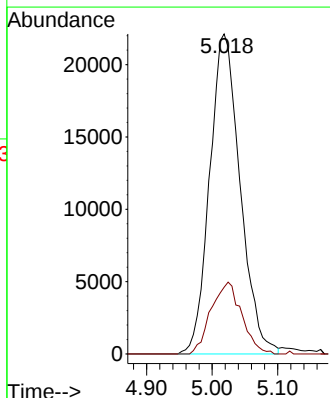
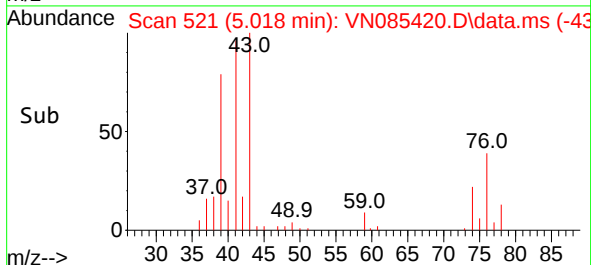
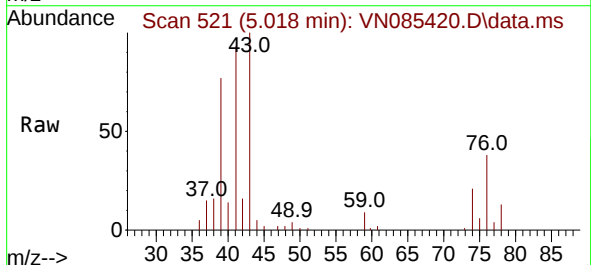


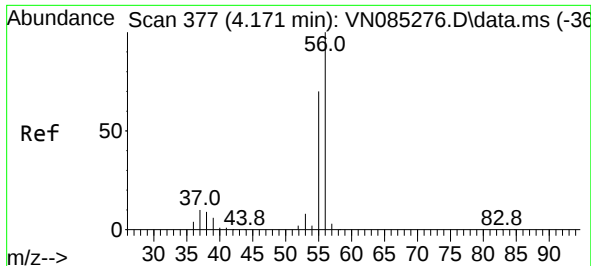
Tgt Ion:142 Resp: 55372
Ion Ratio Lower Upper
142 100
127 49.1 25.1 75.4
141 15.1 6.9 20.7



#12
Methyl Acetate
Concen: 22.374 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 43 Resp: 71510
Ion Ratio Lower Upper
43 100
74 21.0 20.5 30.7

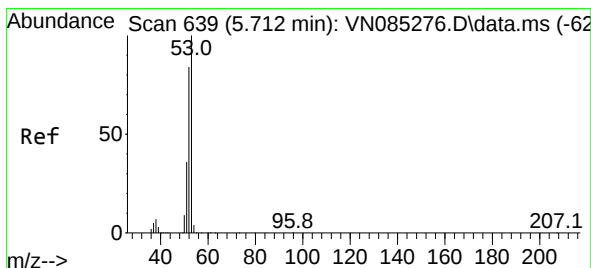
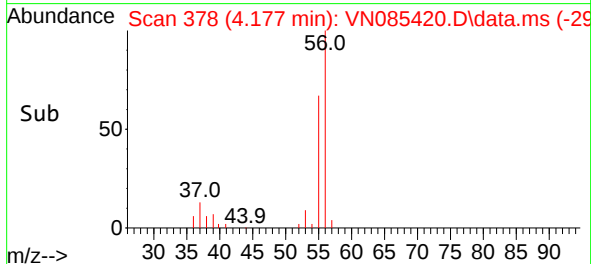
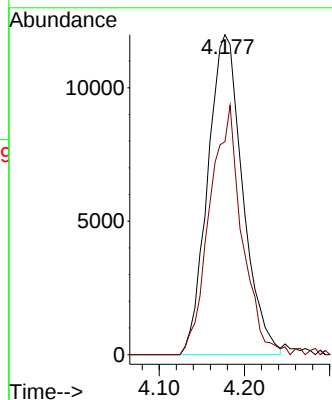
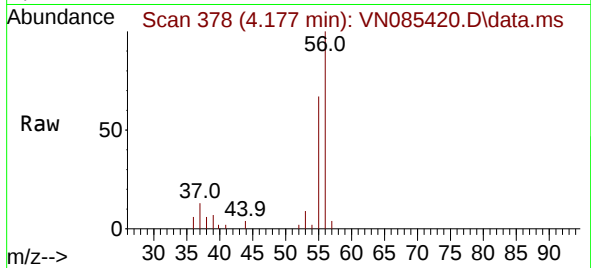




#13
Acrolein
Concen: 119.743 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

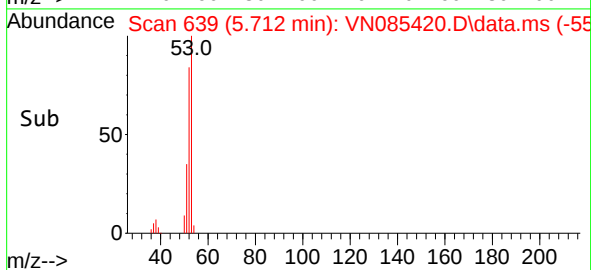
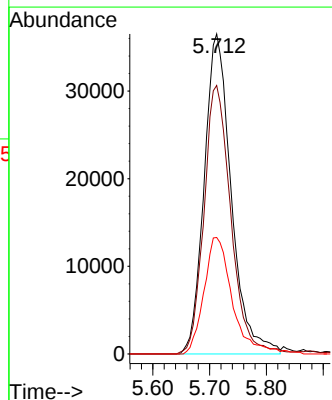
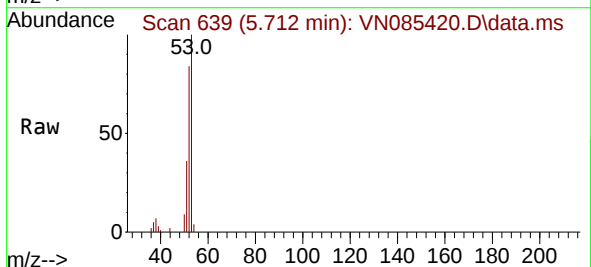
Instrument :
MSVOA_N
ClientSampleId :

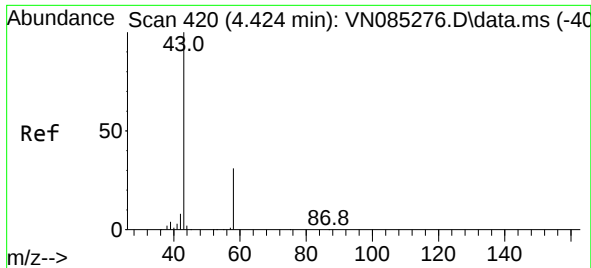
Tgt Ion: 56 Resp: 34166
Ion Ratio Lower Upper
56 100
55 71.7 56.8 85.2



#14
Acrylonitrile
Concen: 97.597 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 53 Resp: 120647
Ion Ratio Lower Upper
53 100
52 82.9 41.6 124.8
51 37.5 18.1 54.4

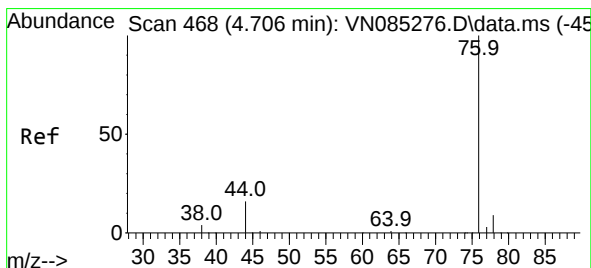
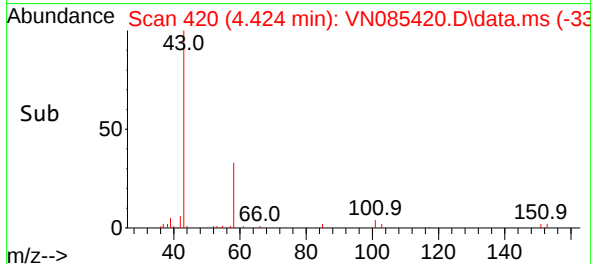
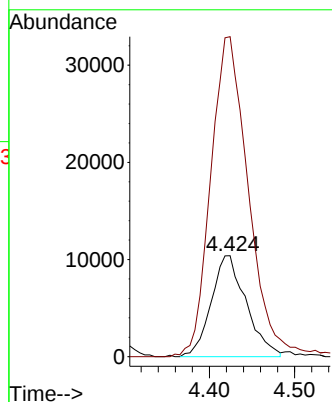
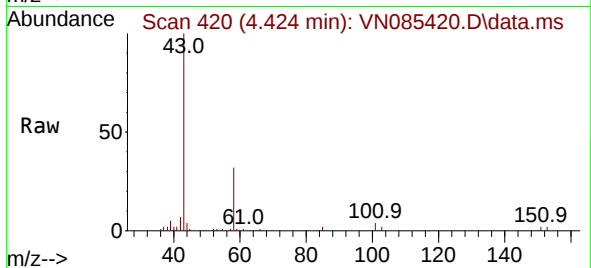




#15
Acetone
Concen: 95.163 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

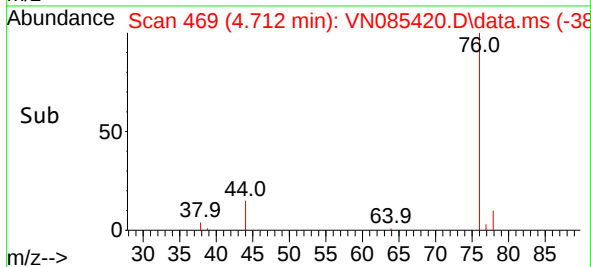
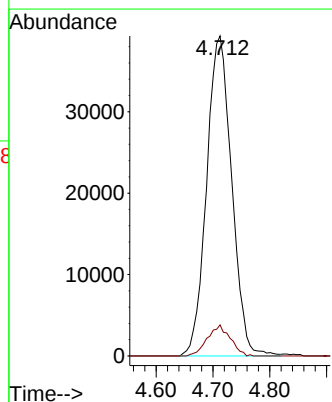
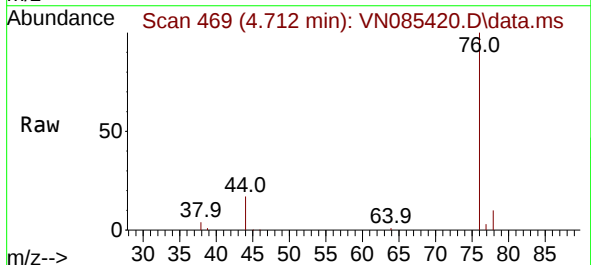
Instrument :
MSVOA_N
ClientSampleId :

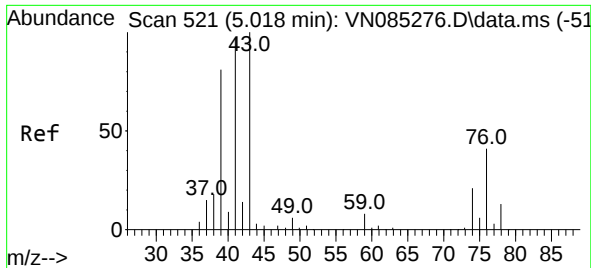
Tgt Ion: 58 Resp: 29675
Ion Ratio Lower Upper
58 100
43 315.0 258.8 388.2



#16
Carbon Disulfide
Concen: 18.533 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 76 Resp: 120570
Ion Ratio Lower Upper
76 100
78 9.7 6.6 9.8

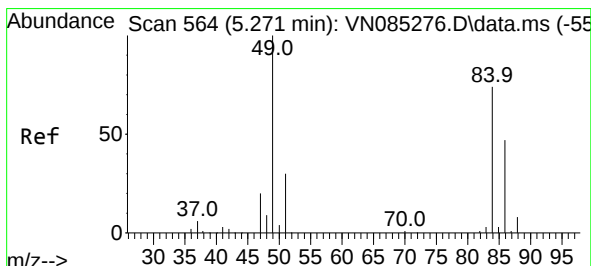
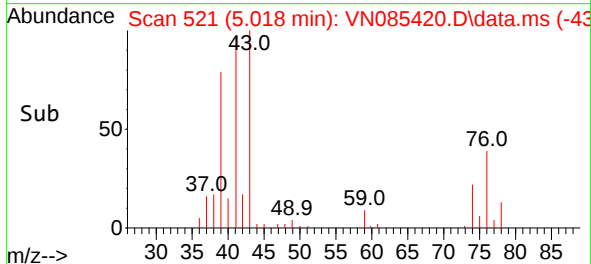
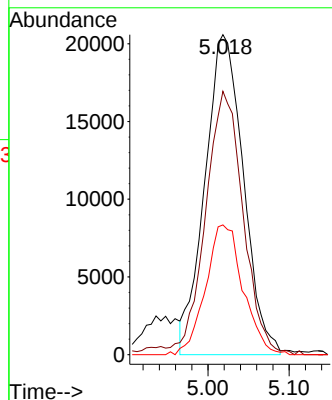
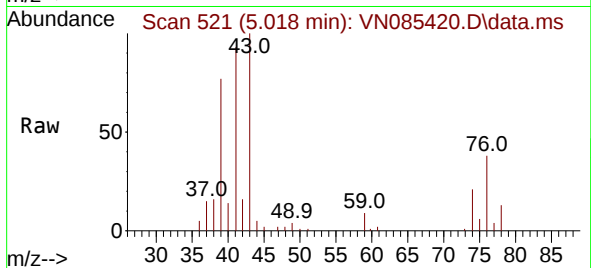




#17
 Allyl chloride
 Concen: 19.591 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN085420.D
 Acq: 10 Jan 2025 11:57

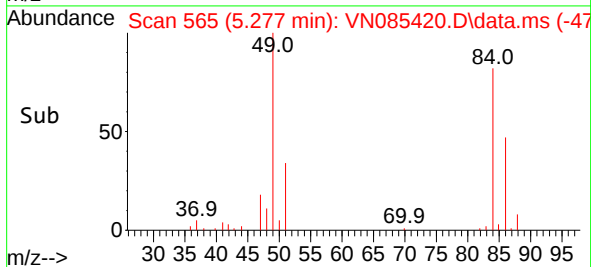
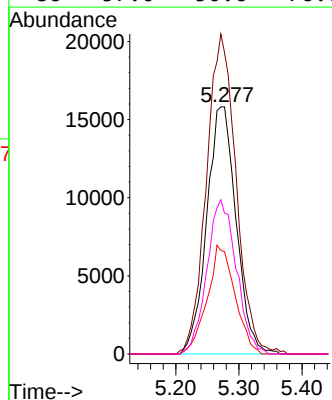
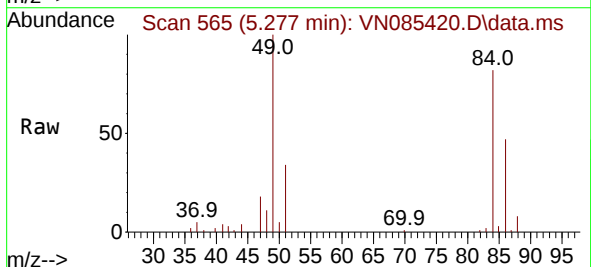
Instrument :
 MSVOA_N
 ClientSampleId :

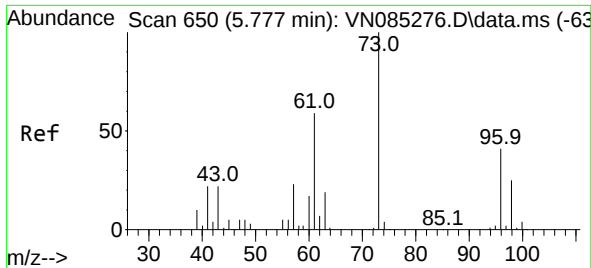
Tgt Ion: 41 Resp: 67828
 Ion Ratio Lower Upper
 41 100
 39 82.0 41.3 124.1
 76 40.3 19.5 58.5



#18
 Methylene Chloride
 Concen: 20.093 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: VN085420.D
 Acq: 10 Jan 2025 11:57

Tgt Ion: 84 Resp: 51243
 Ion Ratio Lower Upper
 84 100
 49 121.0 104.9 157.3
 51 41.3 30.2 45.4
 86 57.0 50.6 76.0

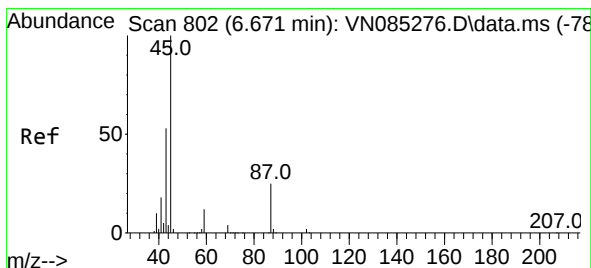
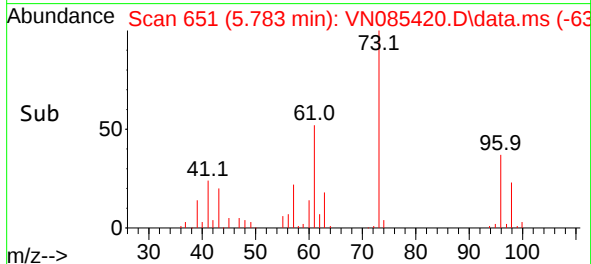
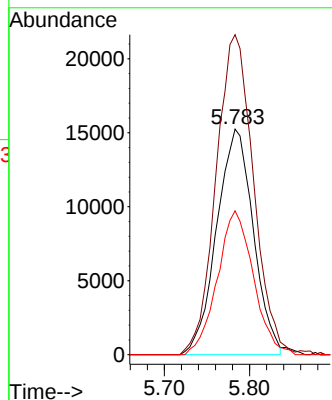
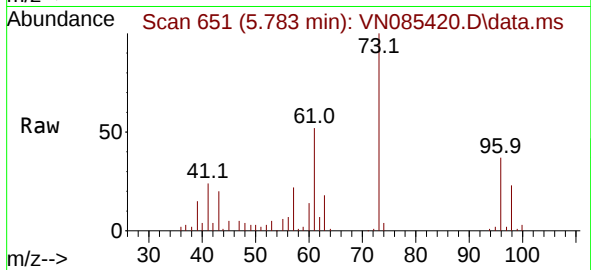




#19
trans-1,2-Dichloroethene
Concen: 20.466 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

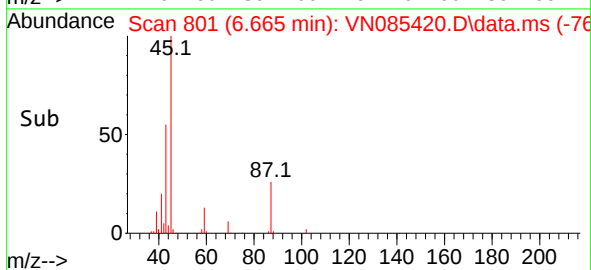
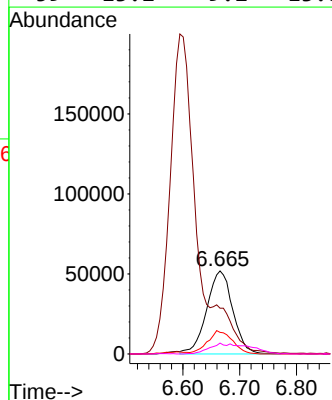
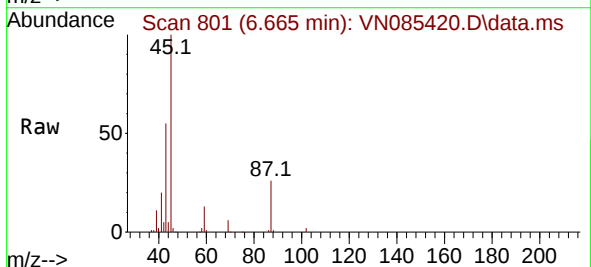
Instrument :
MSVOA_N
ClientSampleId :

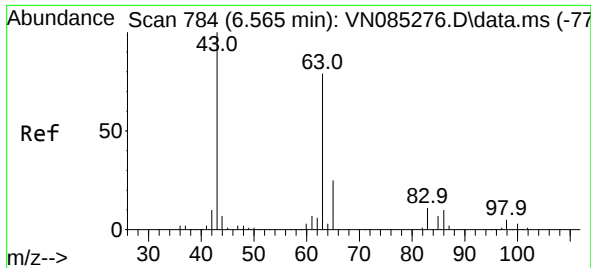
Tgt Ion: 96 Resp: 45558
Ion Ratio Lower Upper
96 100
61 141.8 124.2 186.4
98 63.8 51.0 76.4



#20
Diisopropyl ether
Concen: 20.813 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

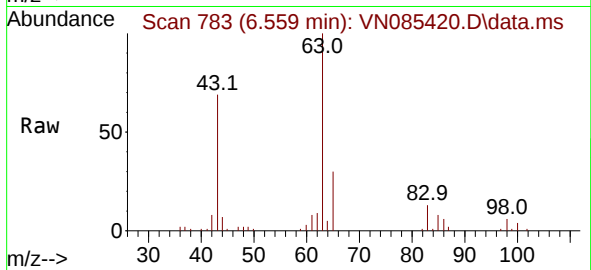
Tgt Ion: 45 Resp: 165139
Ion Ratio Lower Upper
45 100
43 54.2 46.6 69.8
87 26.1 22.3 33.5
59 13.2 9.2 13.8



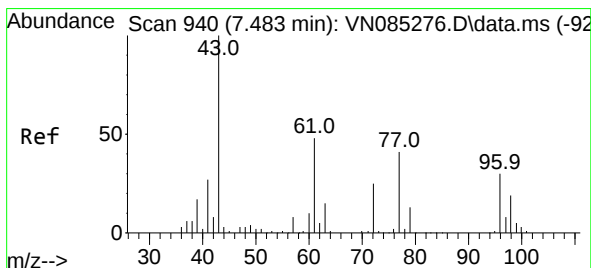
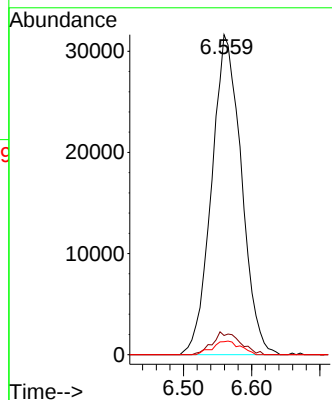
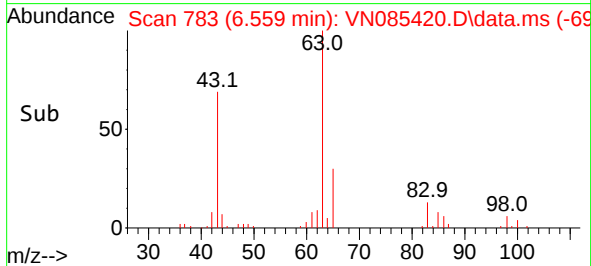


#21
1,1-Dichloroethane
Concen: 20.713 ug/l
RT: 6.559 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

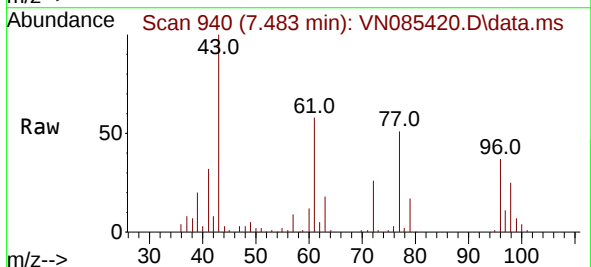
Instrument :
MSVOA_N
ClientSampleId :



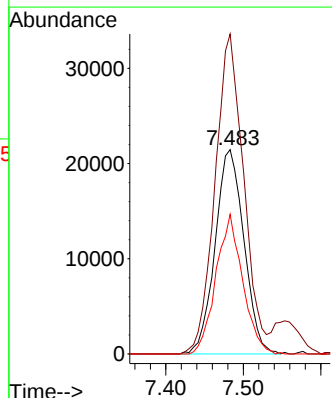
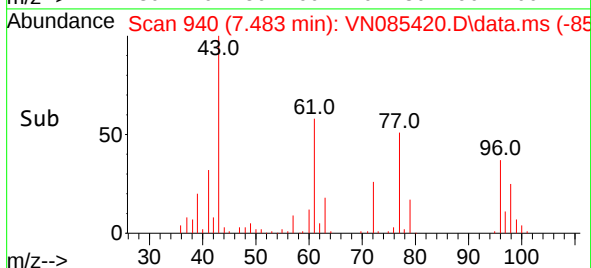
Tgt Ion: 63 Resp: 96081
Ion Ratio Lower Upper
63 100
98 6.0 2.4 7.1
100 4.0 2.1 6.3

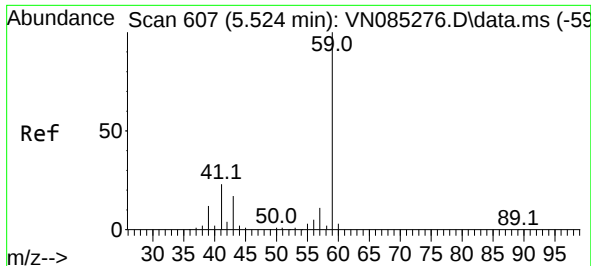


#22
cis-1,2-Dichloroethene
Concen: 20.951 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57



Tgt Ion: 96 Resp: 55536
Ion Ratio Lower Upper
96 100
61 154.9 128.1 192.1
98 63.1 52.7 79.1

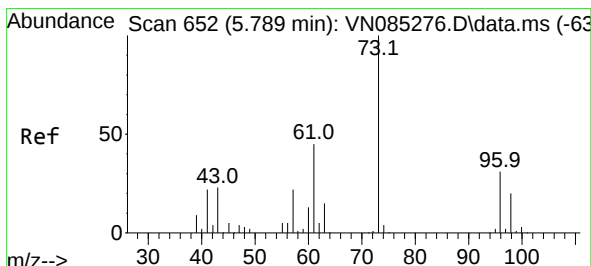
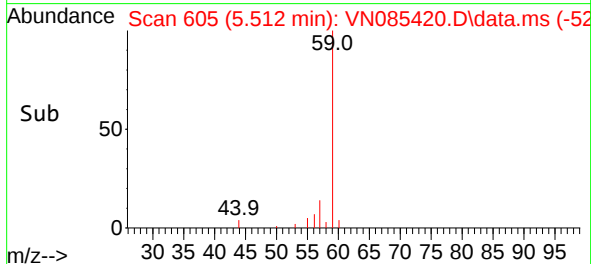
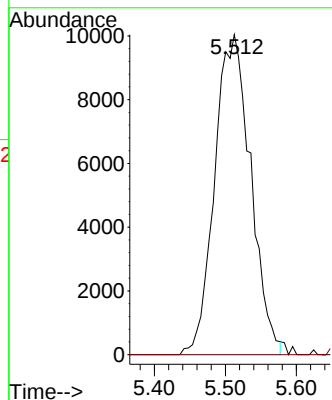
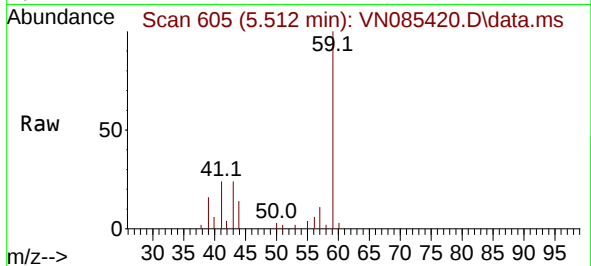




#23
 tert-Butyl Alcohol
 Concen: 86.706 ug/l
 RT: 5.512 min Scan# 607
 Delta R.T. -0.006 min
 Lab File: VN085420.D
 Acq: 10 Jan 2025 11:57

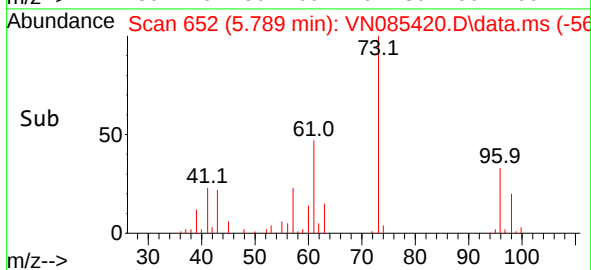
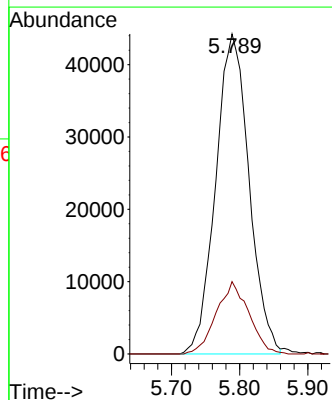
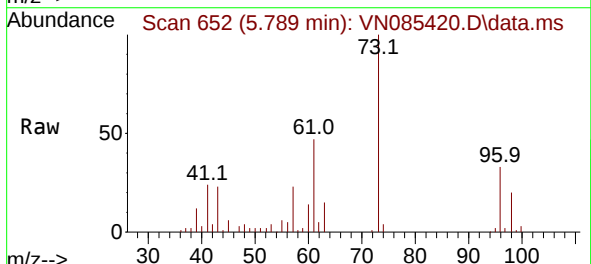
Instrument :
 MSVOA_N
 ClientSampleId :

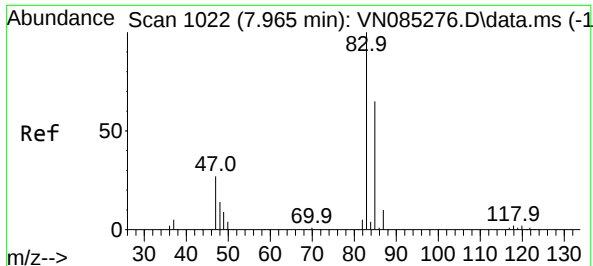
Tgt Ion: 59 Resp: 35324
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#24
 Methyl tert-Butyl Ether
 Concen: 21.458 ug/l
 RT: 5.789 min Scan# 652
 Delta R.T. -0.011 min
 Lab File: VN085420.D
 Acq: 10 Jan 2025 11:57

Tgt Ion: 73 Resp: 150734
 Ion Ratio Lower Upper
 73 100
 43 22.0 18.6 27.8





#25

Chloroform

Concen: 20.207 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

Instrument :

MSVOA_N

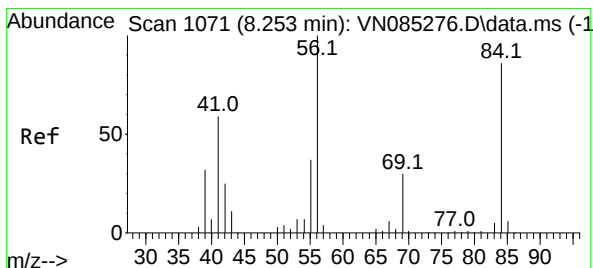
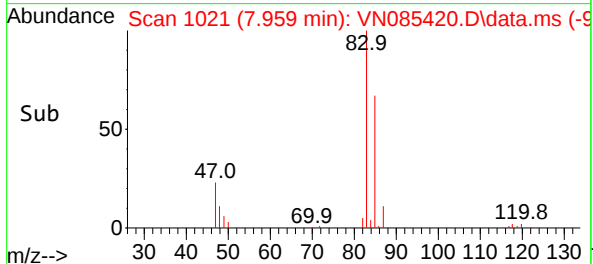
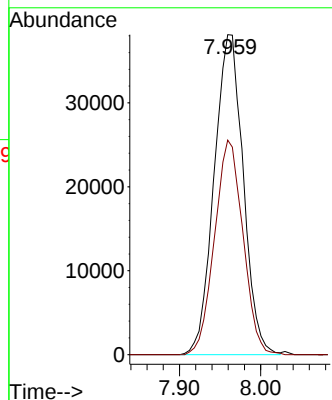
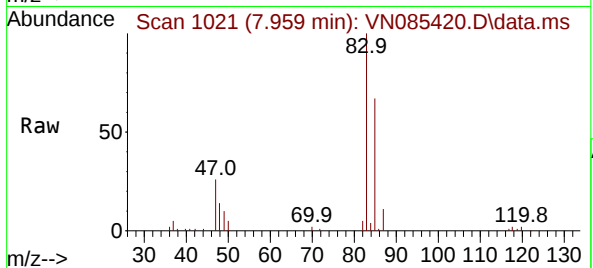
ClientSampleId :

Tgt Ion: 83 Resp: 95016

Ion Ratio Lower Upper

83 100

85 67.0 52.0 78.0



#26

Cyclohexane

Concen: 20.226 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

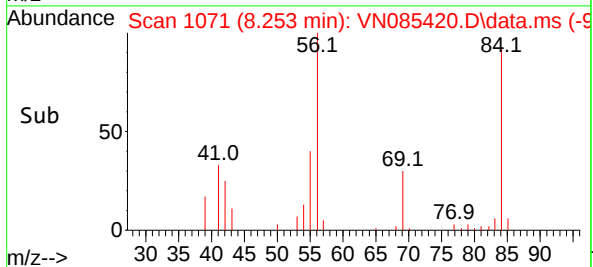
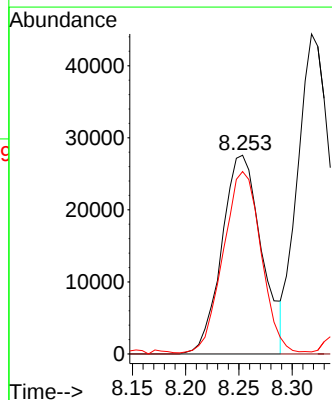
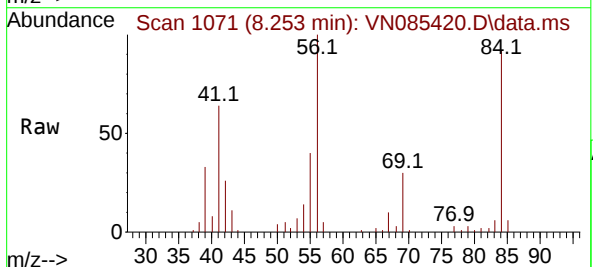
Tgt Ion: 56 Resp: 71531

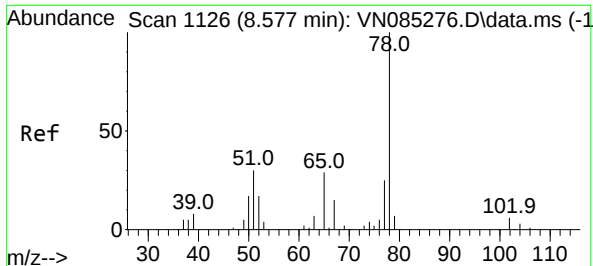
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.4 67.6 101.4





#27

1,2-Dichloroethane-d4

Concen: 29.452 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

Instrument :

MSVOA_N

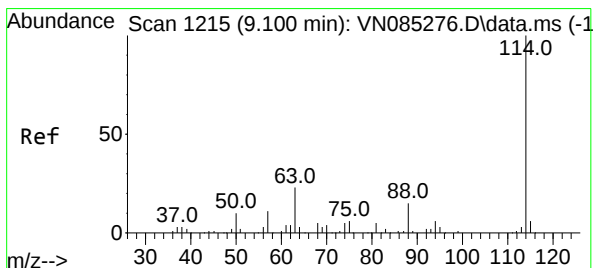
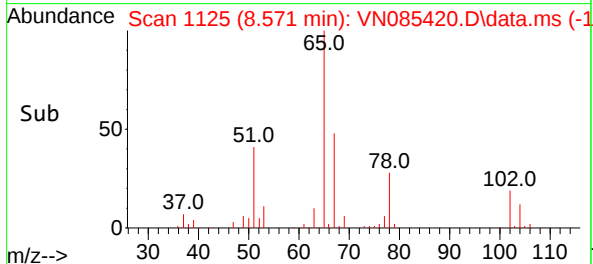
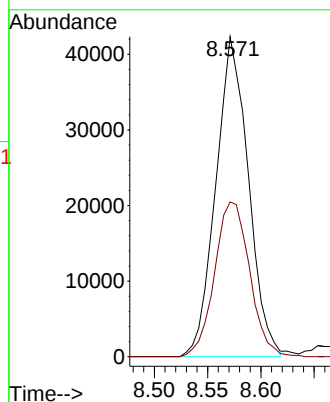
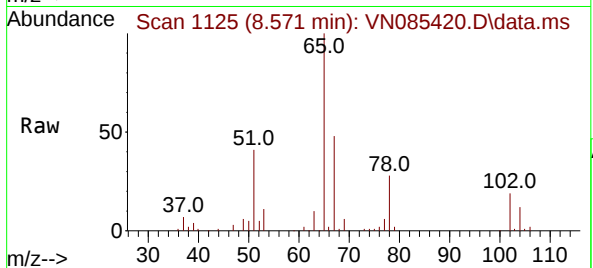
ClientSampleId :

Tgt Ion: 65 Resp: 89757

Ion Ratio Lower Upper

65 100

67 52.2 42.0 63.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.095 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

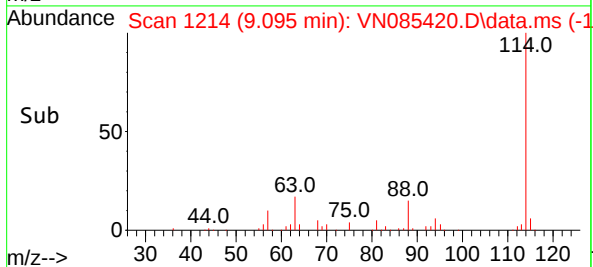
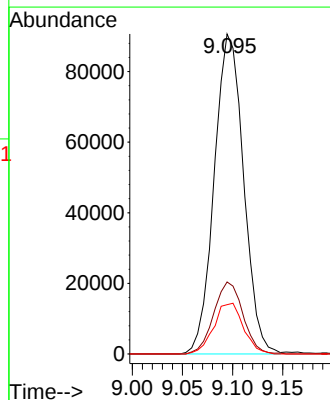
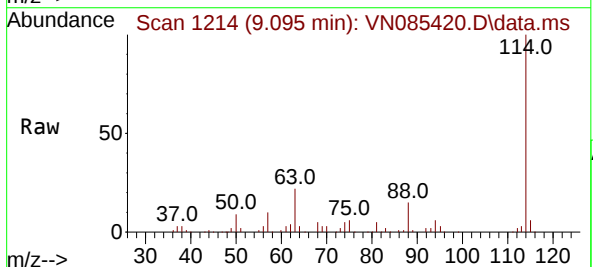
Tgt Ion: 114 Resp: 184595

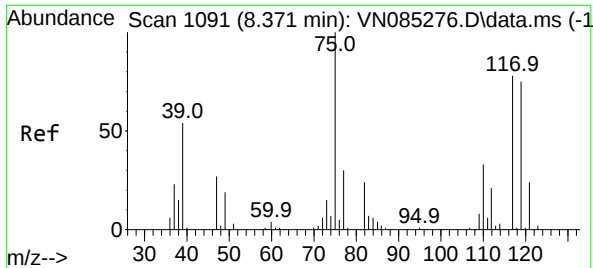
Ion Ratio Lower Upper

114 100

63 22.4 18.0 27.0

88 16.0 12.9 19.3

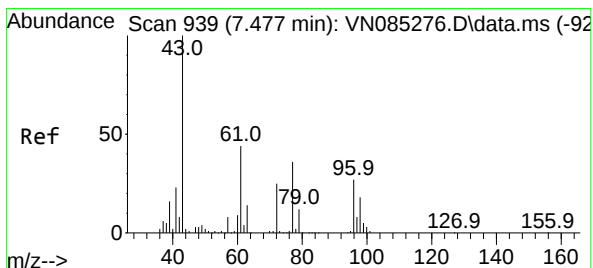
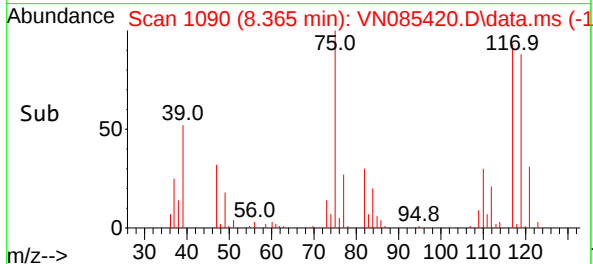
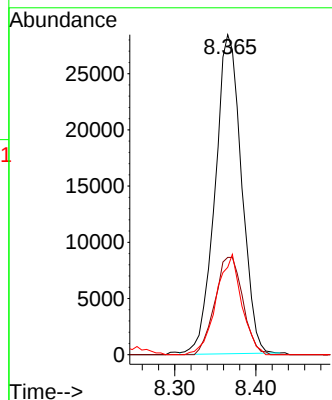
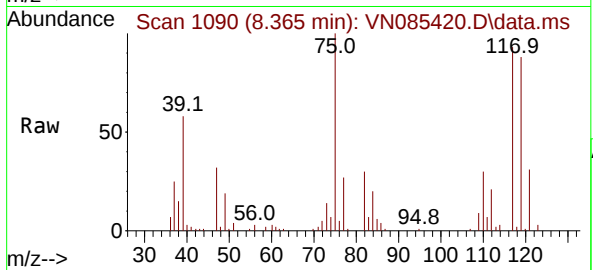




#29
1,1-Dichloropropene
Concen: 20.082 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

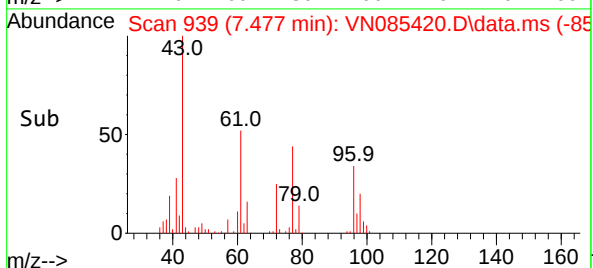
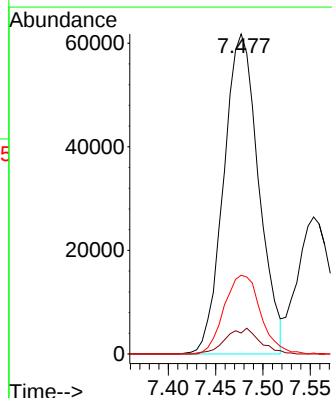
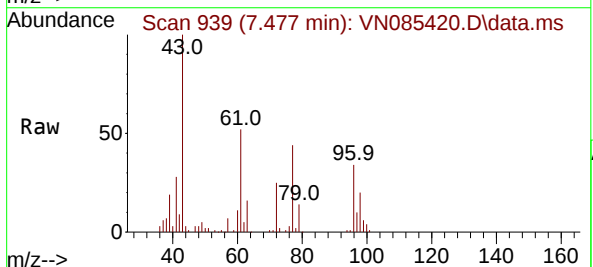
Instrument :
MSVOA_N
ClientSampleId :

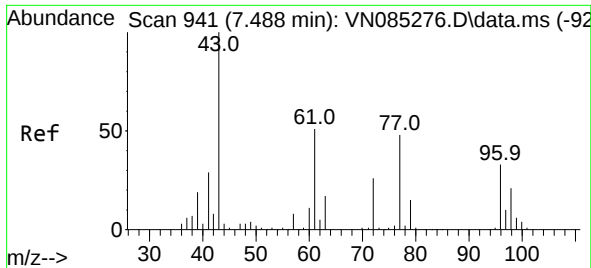
Tgt Ion: 75 Resp: 64363
Ion Ratio Lower Upper
75 100
110 32.1 0.0 64.8
77 30.2 0.0 60.8



#30
2-Butanone
Concen: 93.914 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 43 Resp: 158880
Ion Ratio Lower Upper
43 100
57 4.1 6.2 9.2#
72 25.6 19.9 29.9





#31

2,2-Dichloropropane

Concen: 20.615 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

Instrument :

MSVOA_N

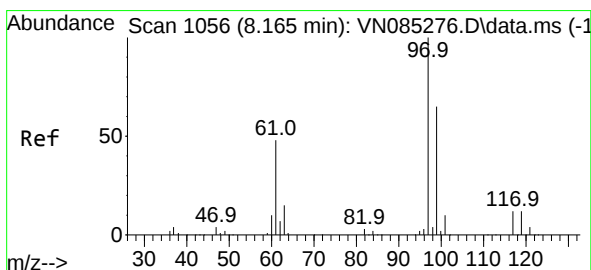
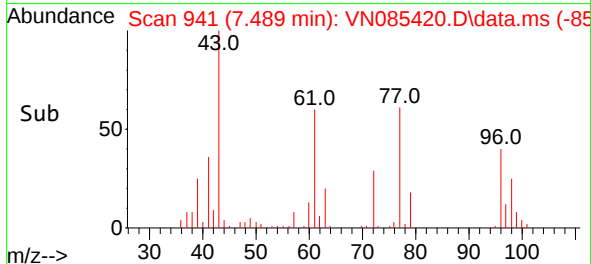
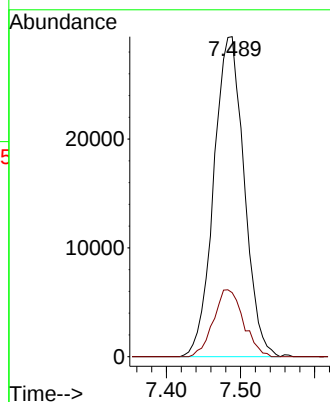
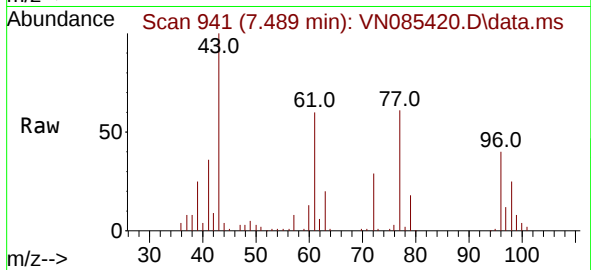
ClientSampleId :

Tgt Ion: 77 Resp: 83721

Ion Ratio Lower Upper

77 100

97 20.7 16.9 25.3



#32

1,1,1-Trichloroethane

Concen: 19.741 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

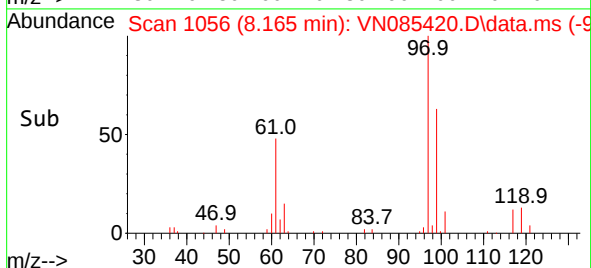
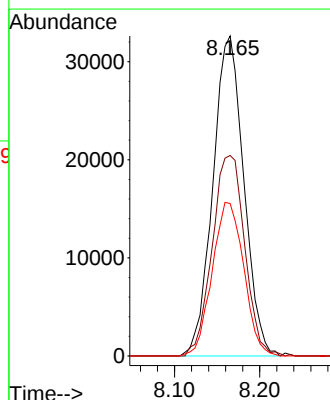
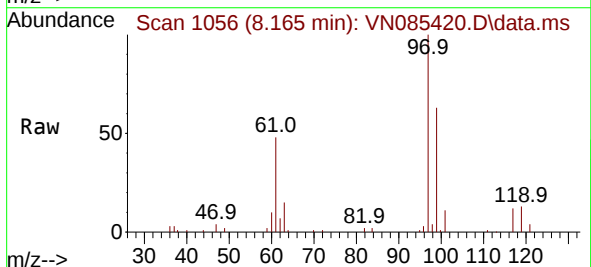
Tgt Ion: 97 Resp: 82250

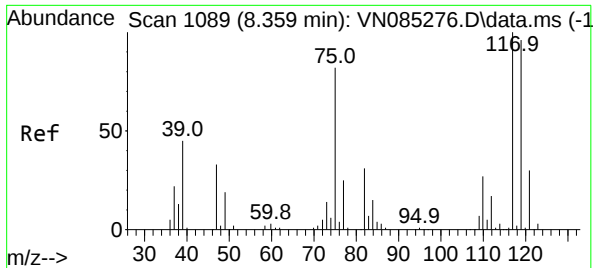
Ion Ratio Lower Upper

97 100

99 65.5 52.2 78.2

61 48.9 39.8 59.8

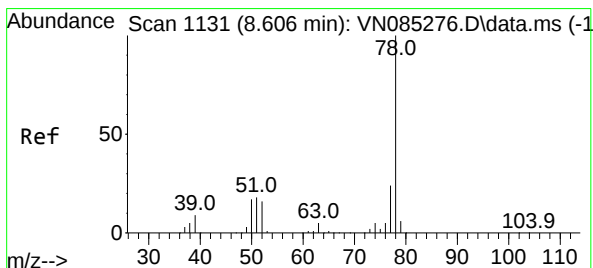
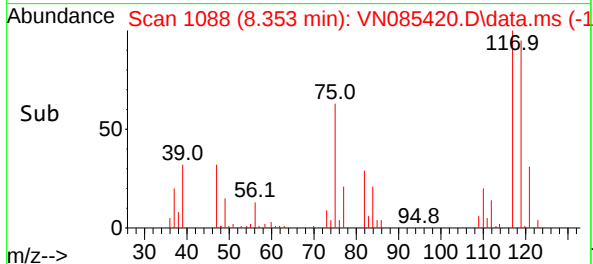
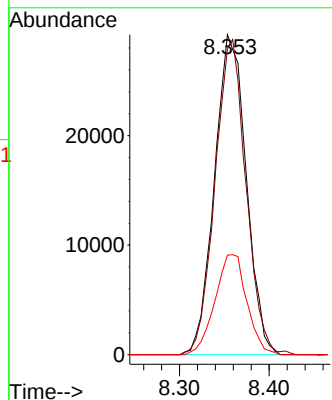
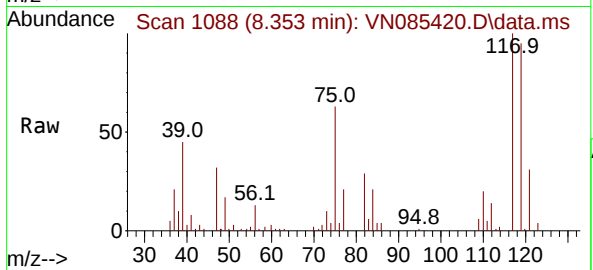




#33
Carbon Tetrachloride
Concen: 19.668 ug/l
RT: 8.353 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

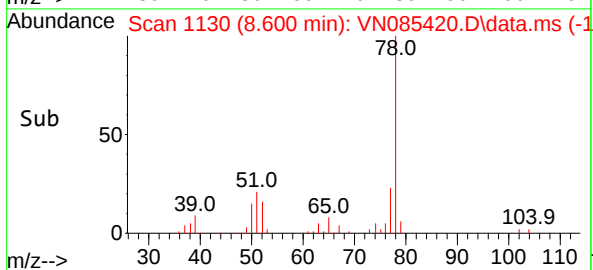
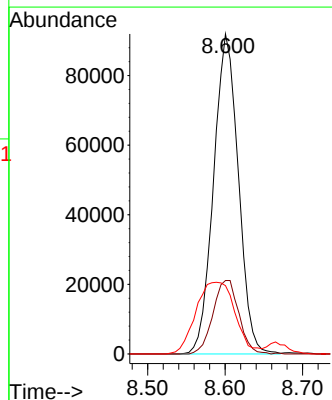
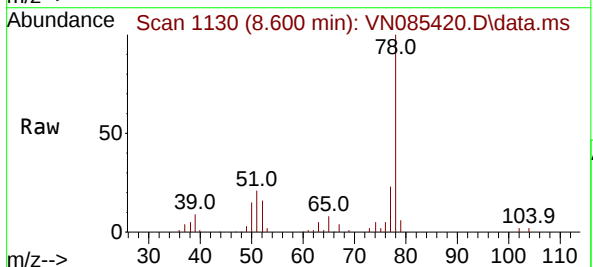
Instrument :
MSVOA_N
ClientSampleId :

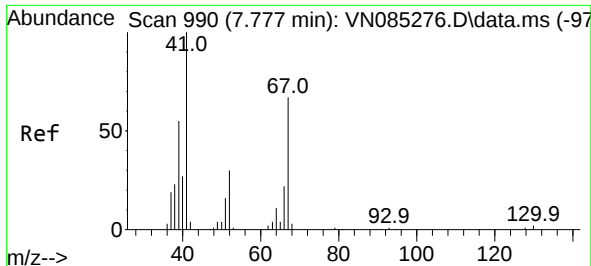
Tgt Ion:117 Resp: 71733
Ion Ratio Lower Upper
117 100
119 95.4 71.6 107.4
121 31.1 23.5 35.3



#34
Benzene
Concen: 20.153 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 78 Resp: 204167
Ion Ratio Lower Upper
78 100
77 22.9 19.3 28.9
51 19.6 14.6 21.8



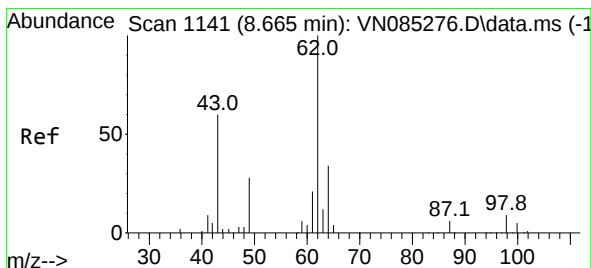
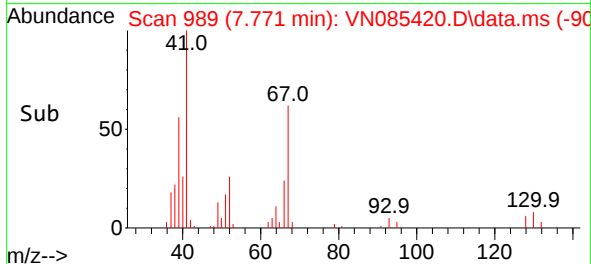
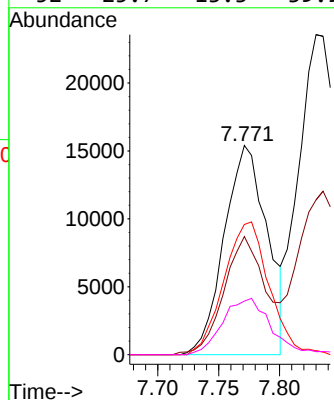
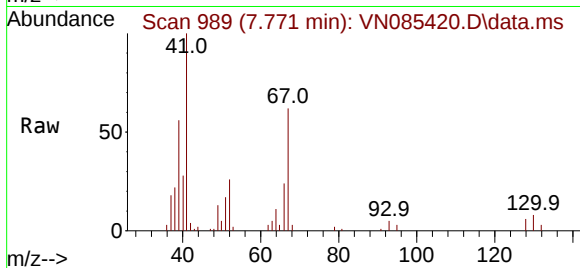


#35
Methacrylonitrile
Concen: 20.216 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 37860

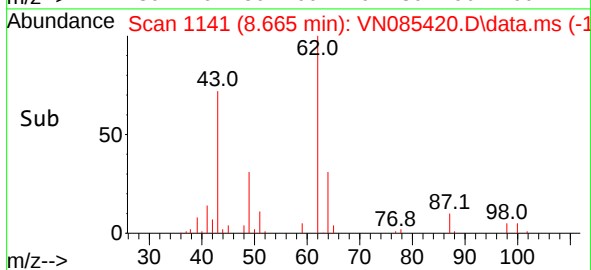
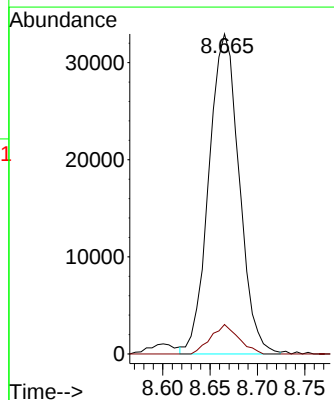
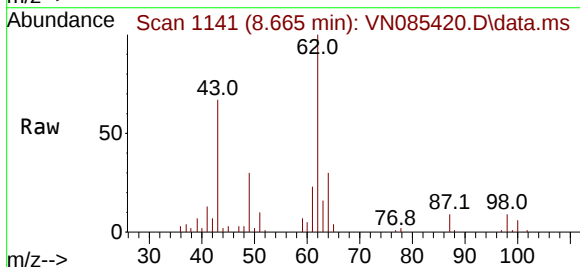
Ion	Ratio	Lower	Upper
41	100		
39	55.3	26.7	80.0
67	62.3	32.5	97.5
52	25.7	13.3	39.9

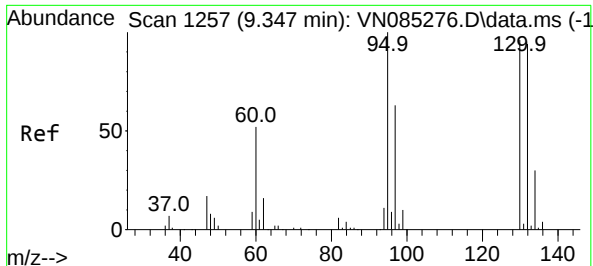


#36
1,2-Dichloroethane
Concen: 20.043 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 62 Resp: 73426

Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.6	10.0

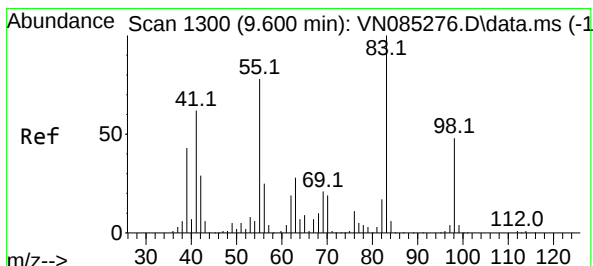
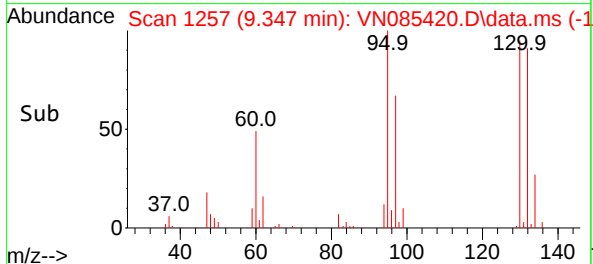
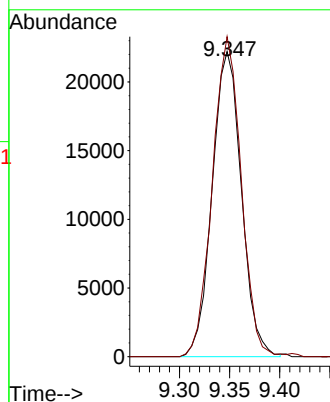
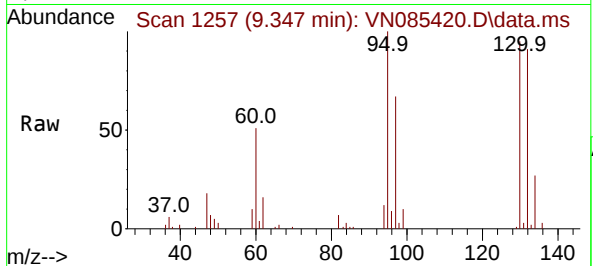




#37
Trichloroethene
Concen: 20.176 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

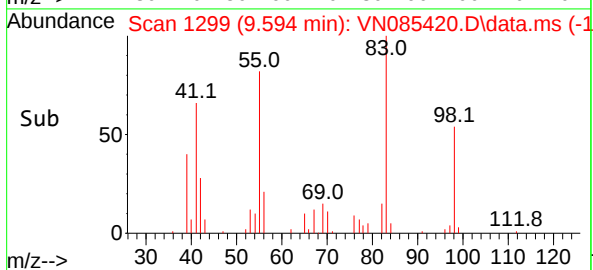
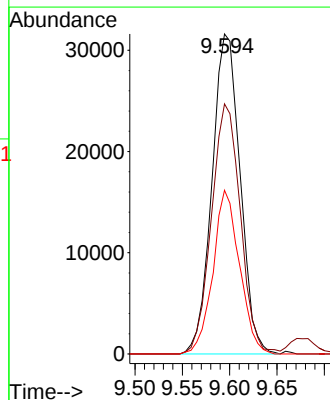
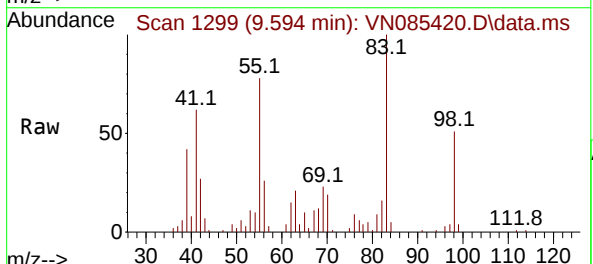
Instrument :
MSVOA_N
ClientSampleId :

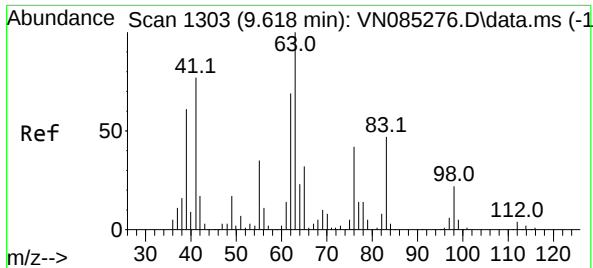
Tgt Ion:130 Resp: 44971
Ion Ratio Lower Upper
130 100
95 104.9 80.0 120.0



#38
Methylcyclohexane
Concen: 19.665 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 83 Resp: 65223
Ion Ratio Lower Upper
83 100
55 80.2 43.6 130.8
98 48.5 24.2 72.6





#39

1,2-Dichloropropane

Concen: 20.350 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

Instrument :

MSVOA_N

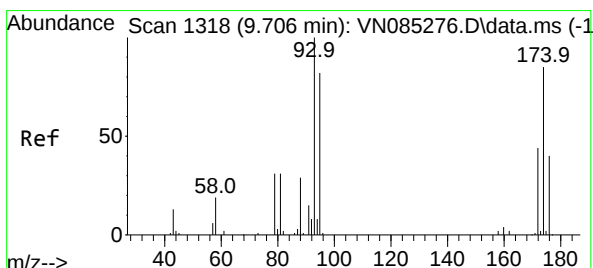
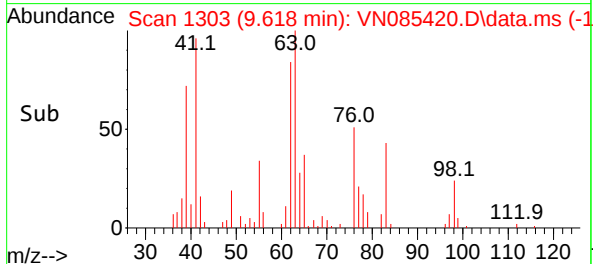
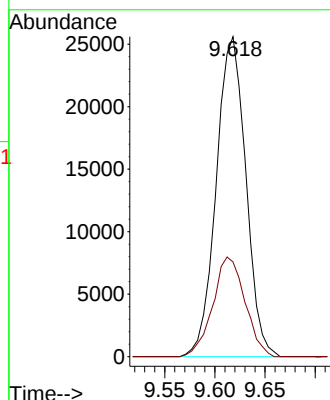
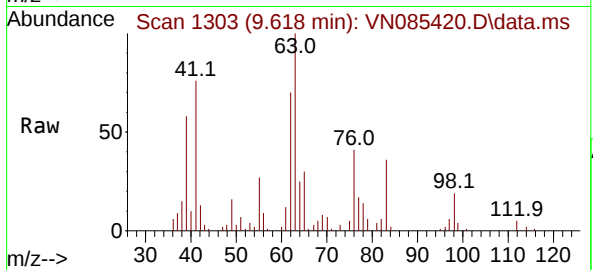
ClientSampleId :

Tgt Ion: 63 Resp: 52453

Ion Ratio Lower Upper

63 100

65 29.6 26.1 39.1



#40

Dibromomethane

Concen: 20.004 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

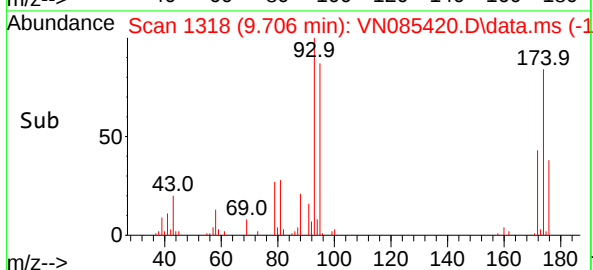
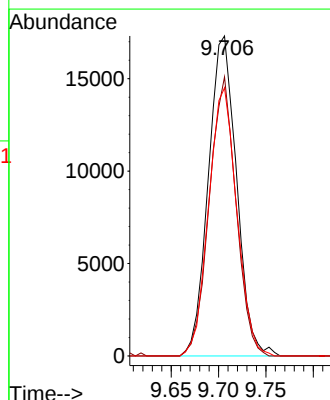
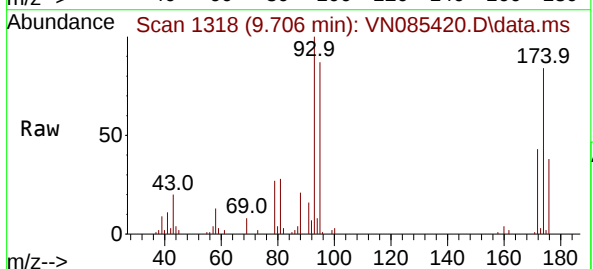
Tgt Ion: 93 Resp: 35948

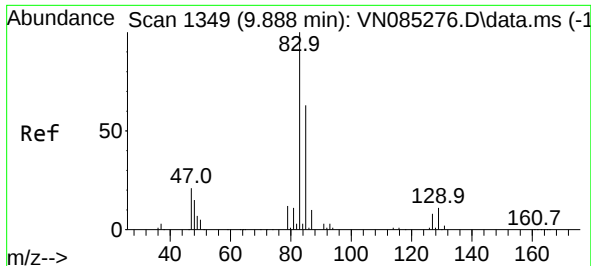
Ion Ratio Lower Upper

93 100

95 82.3 0.0 167.6

174 83.5 0.0 171.0

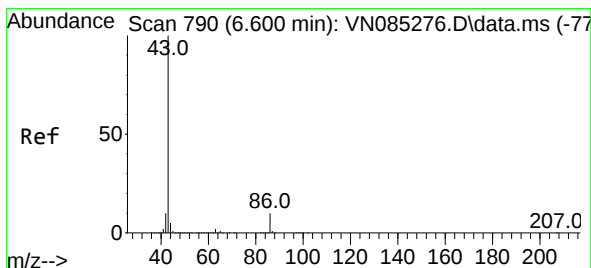
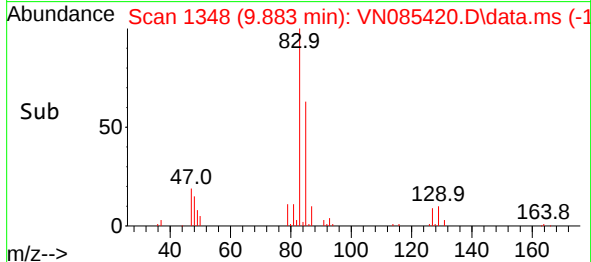
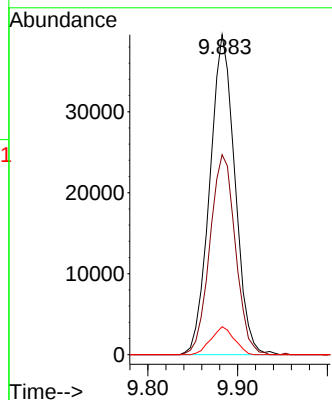
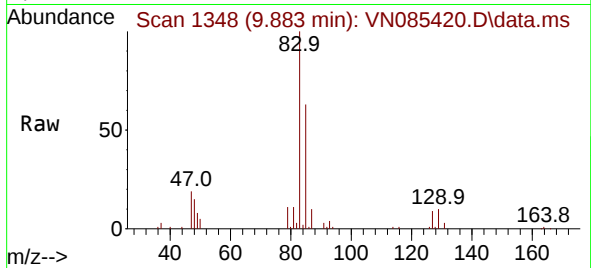




#41
Bromodichloromethane
Concen: 20.449 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

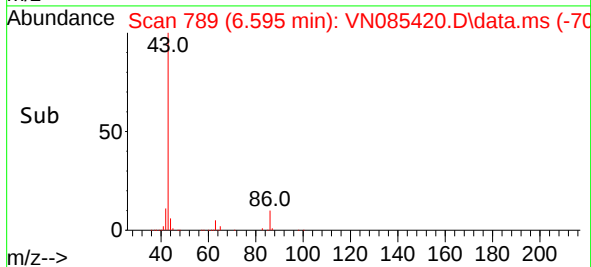
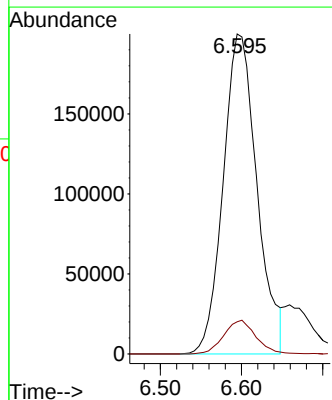
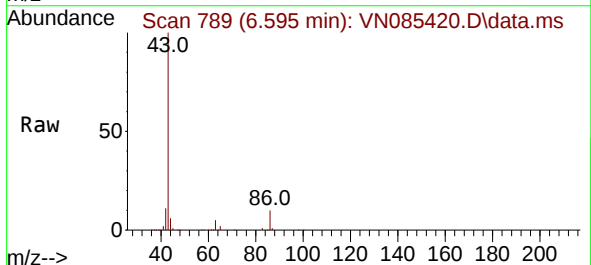
Instrument :
MSVOA_N
ClientSampleId :

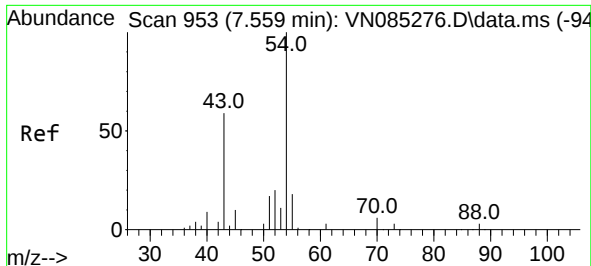
Tgt Ion: 83 Resp: 76799
Ion Ratio Lower Upper
83 100
85 62.5 50.1 75.1
127 8.8 5.8 8.6#



#42
Vinyl Acetate
Concen: 96.913 ug/l
RT: 6.595 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 43 Resp: 578737
Ion Ratio Lower Upper
43 100
86 10.0 7.9 11.9

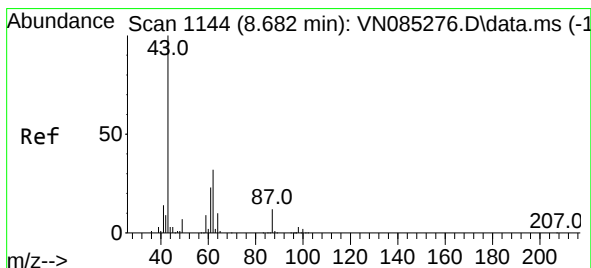
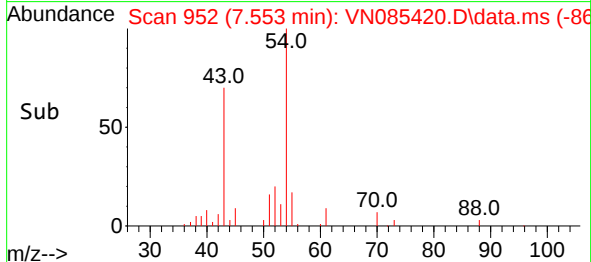
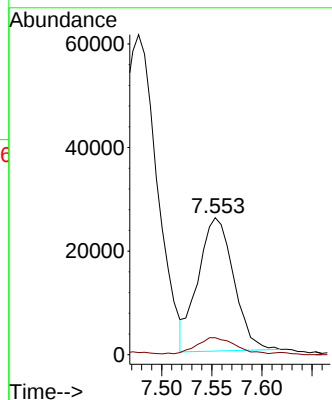
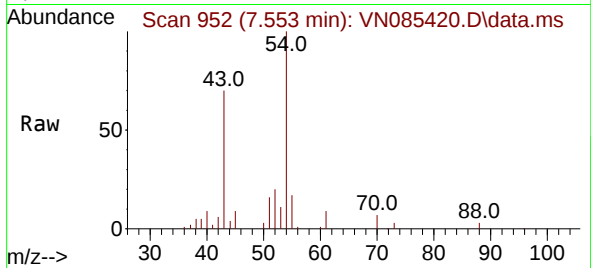




#43
Ethyl Acetate
Concen: 18.136 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

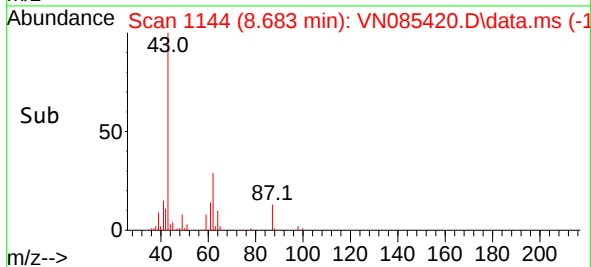
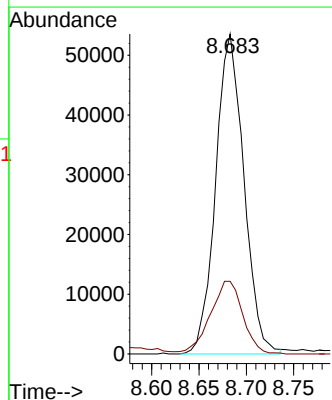
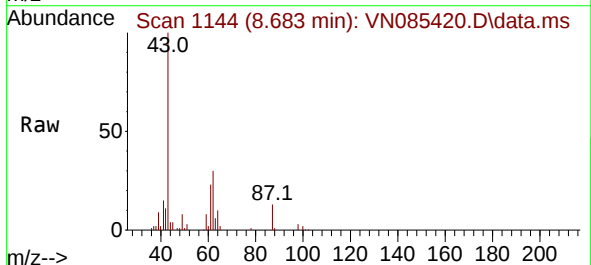
Instrument :
MSVOA_N
ClientSampleId :

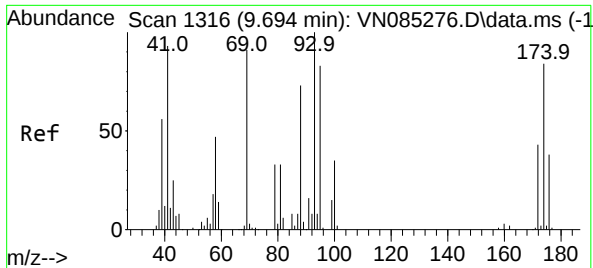
Tgt Ion: 43 Resp: 63452
Ion Ratio Lower Upper
43 100
45 14.4 11.9 17.9



#44
Isopropyl Acetate
Concen: 19.104 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 43 Resp: 111030
Ion Ratio Lower Upper
43 100
61 25.4 19.7 29.5

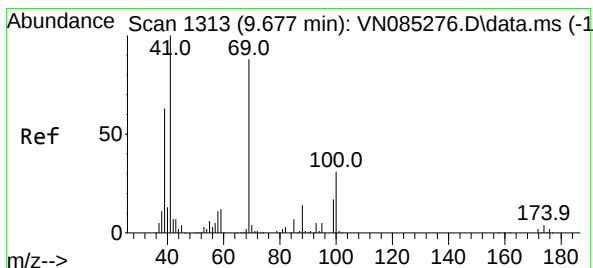
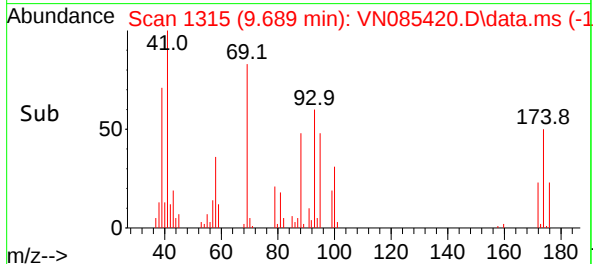
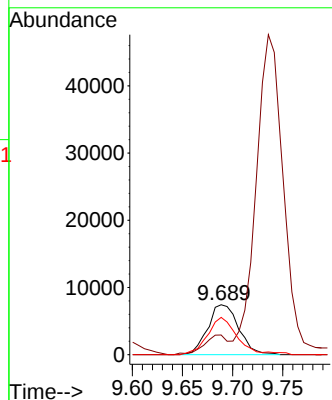
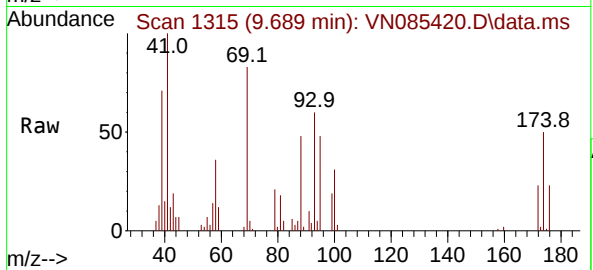




#45
1,4-Dioxane
Concen: 353.149 ug/l
RT: 9.689 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

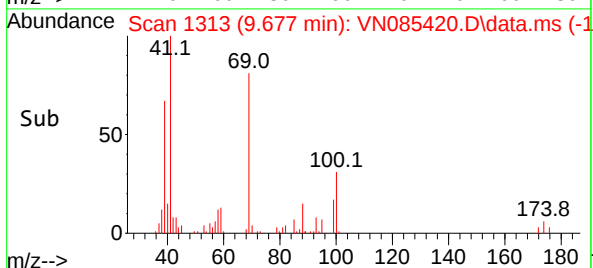
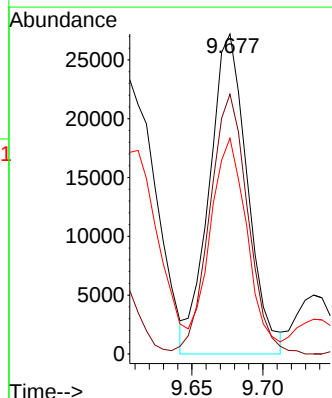
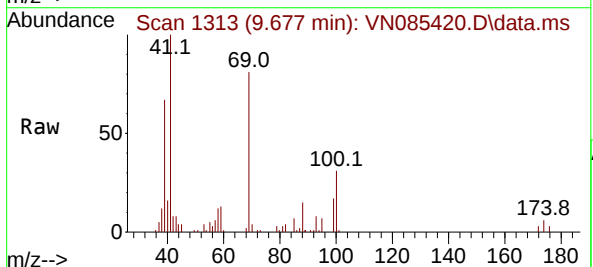
Instrument :
MSVOA_N
ClientSampleId :

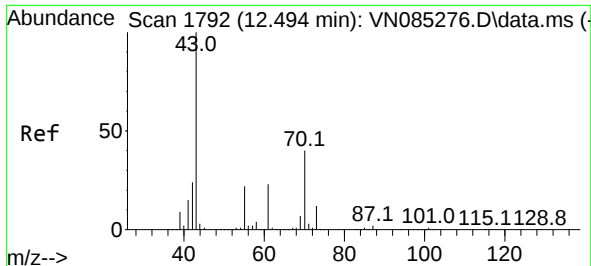
Tgt Ion: 88 Resp: 15964
Ion Ratio Lower Upper
88 100
43 27.8 25.4 38.2
58 69.3 58.5 87.7



#46
Methyl methacrylate
Concen: 18.865 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 41 Resp: 50893
Ion Ratio Lower Upper
41 100
69 84.6 39.9 119.6
39 68.3 31.6 95.0

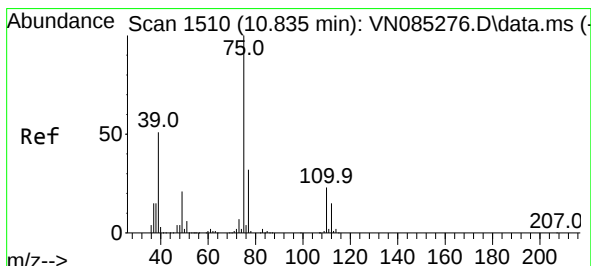
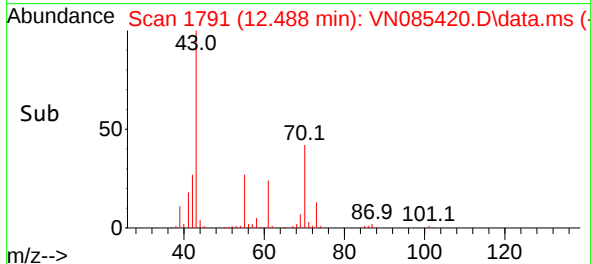
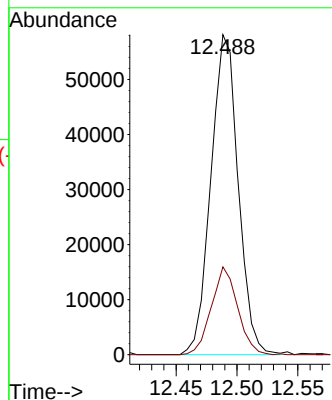
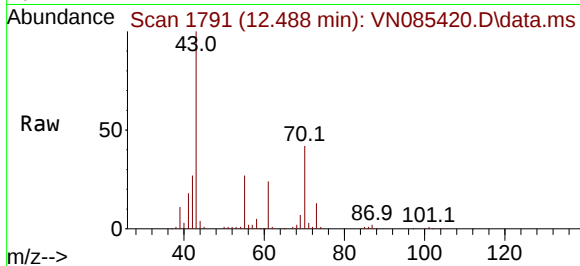




#47
n-amy1 Acetate
Concen: 18.314 ug/l
RT: 12.488 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

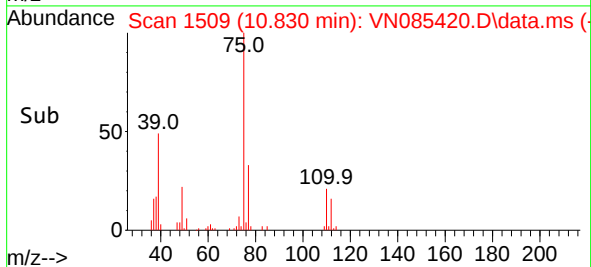
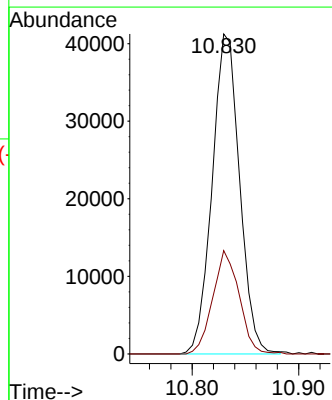
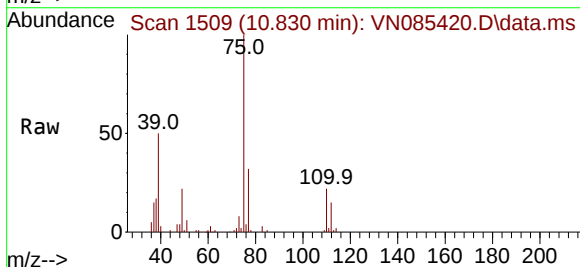
Instrument :
MSVOA_N
ClientSampleId :

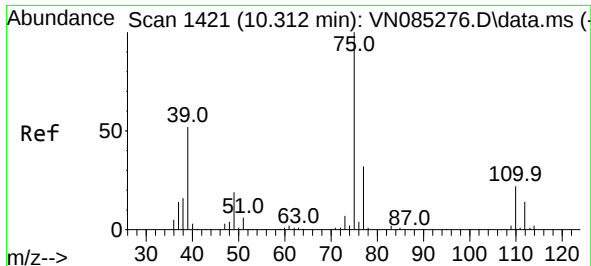
Tgt Ion: 43 Resp: 90676
Ion Ratio Lower Upper
43 100
55 26.3 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 19.897 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 75 Resp: 73810
Ion Ratio Lower Upper
75 100
77 32.3 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 20.279 ug/l

RT: 10.306 min Scan# 1420

Delta R.T. -0.006 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

Instrument :

MSVOA_N

ClientSampleId :

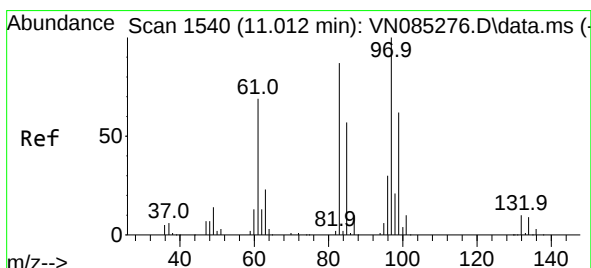
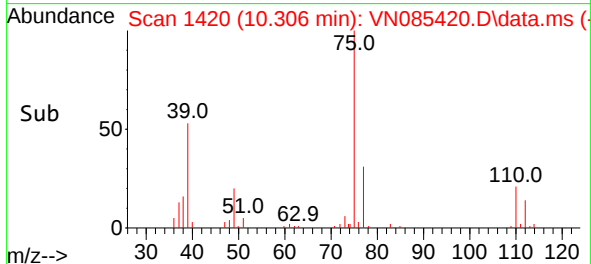
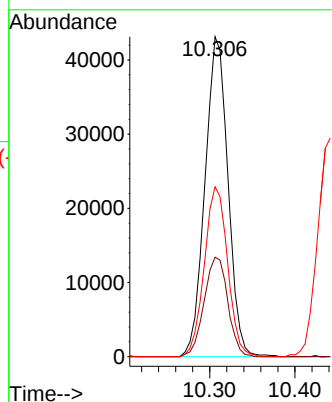
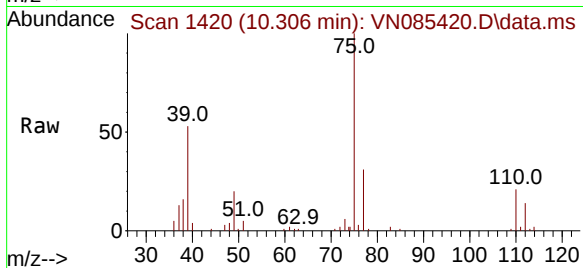
Tgt Ion: 75 Resp: 80876

Ion Ratio Lower Upper

75 100

77 31.1 26.6 40.0

39 53.1 41.9 62.9



#50

1,1,2-Trichloroethane

Concen: 20.074 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

Tgt Ion: 97 Resp: 47178

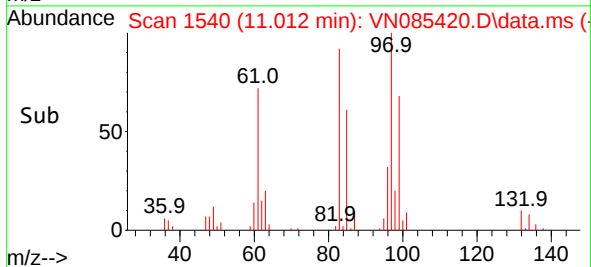
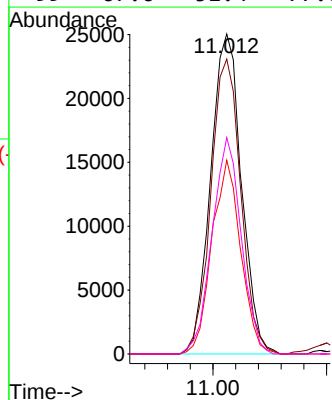
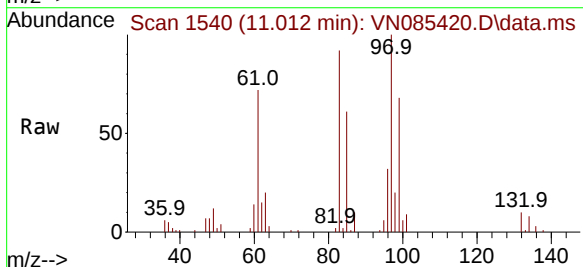
Ion Ratio Lower Upper

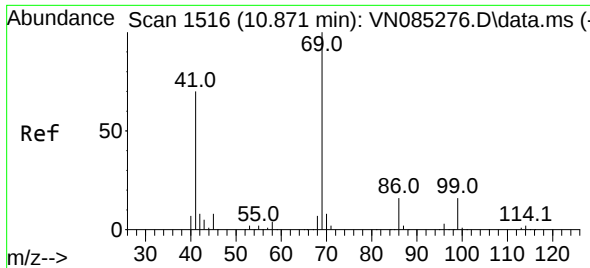
97 100

83 92.2 72.2 108.2

85 60.5 46.6 70.0

99 67.6 51.4 77.0

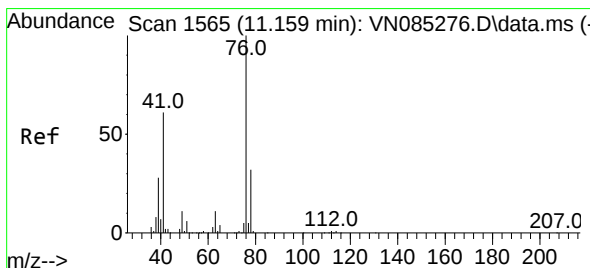
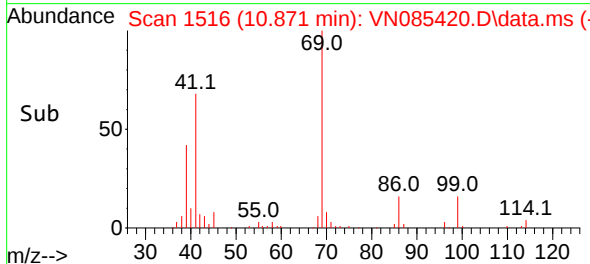
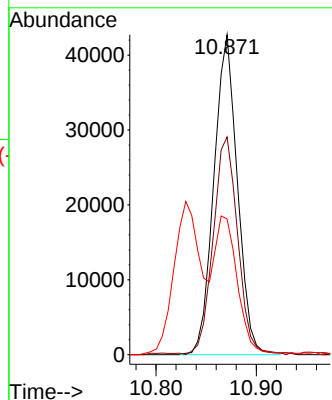
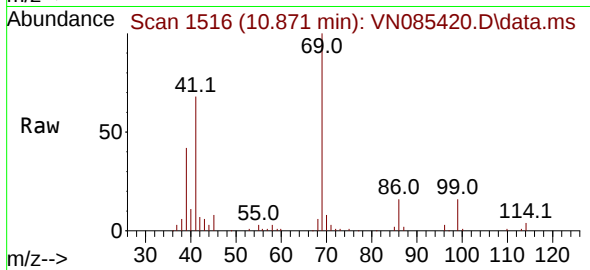




#51
Ethyl methacrylate
Concen: 19.589 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

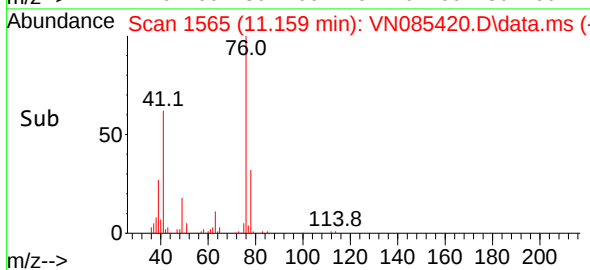
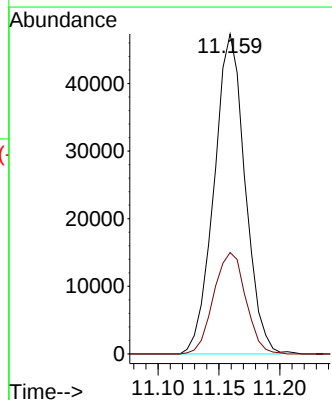
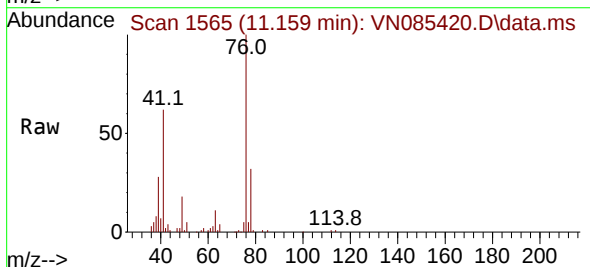
Instrument :
MSVOA_N
ClientSampleId :

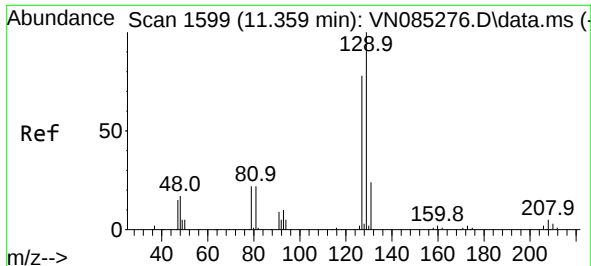
Tgt Ion: 69 Resp: 69634
Ion Ratio Lower Upper
69 100
41 67.6 38.1 114.5
39 41.7 24.1 72.2



#52
1,3-Dichloropropane
Concen: 20.379 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 76 Resp: 83604
Ion Ratio Lower Upper
76 100
78 32.8 0.0 66.2

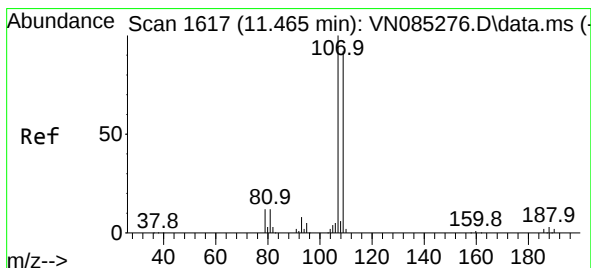
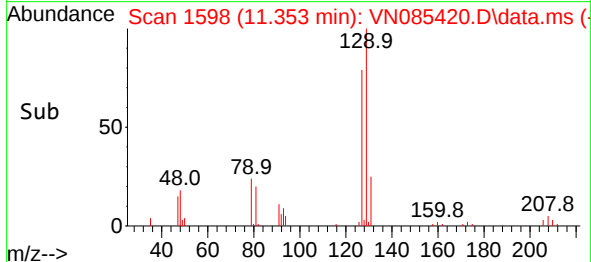
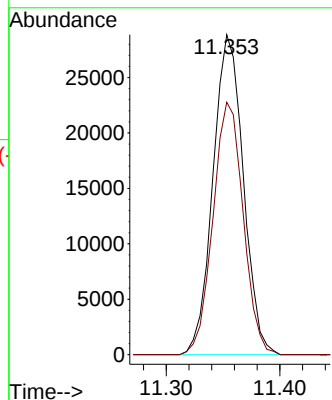
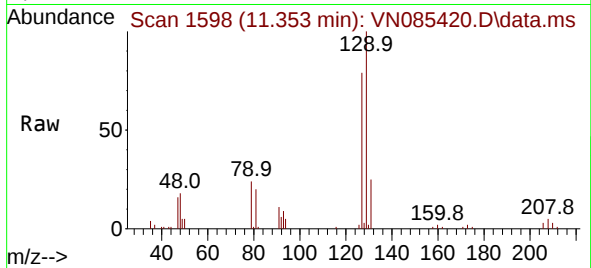




#53
Dibromochloromethane
Concen: 19.448 ug/l
RT: 11.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

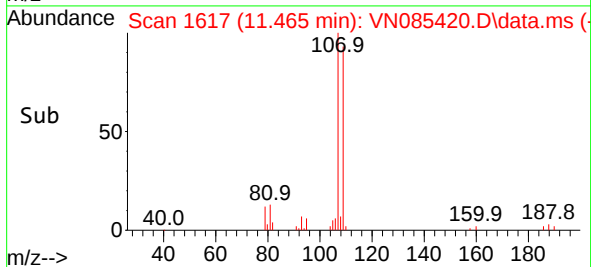
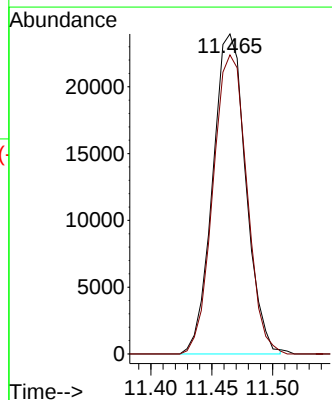
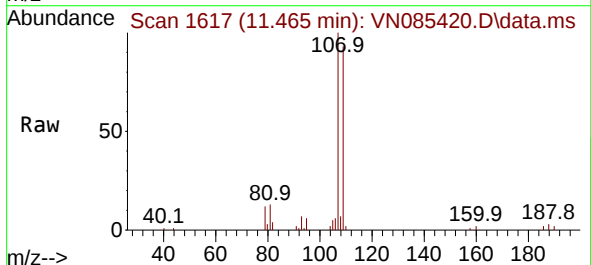
Instrument :
MSVOA_N
ClientSampleId :

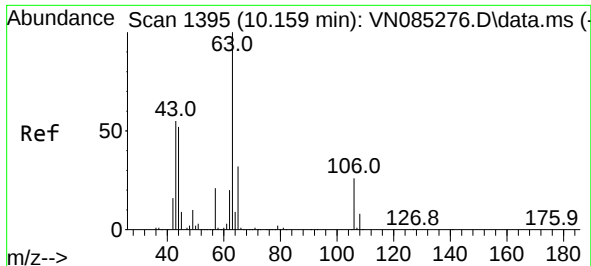
Tgt Ion:129 Resp: 53558
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.3



#54
1,2-Dibromoethane
Concen: 19.950 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion:107 Resp: 45376
Ion Ratio Lower Upper
107 100
109 95.0 76.2 114.4

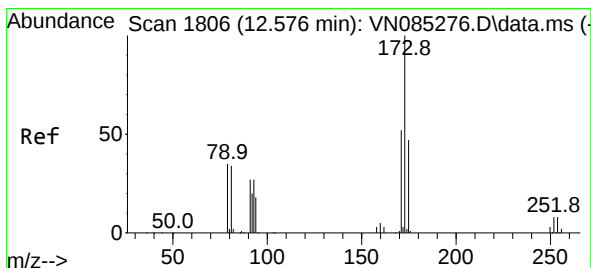
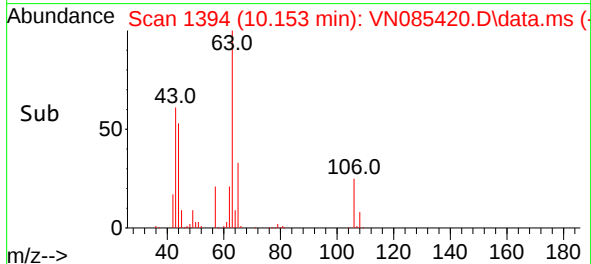
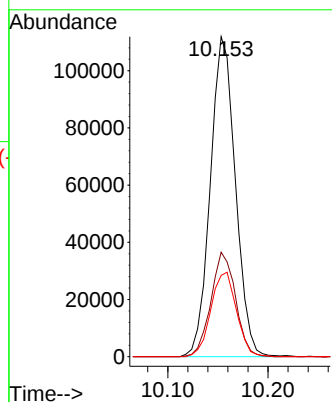
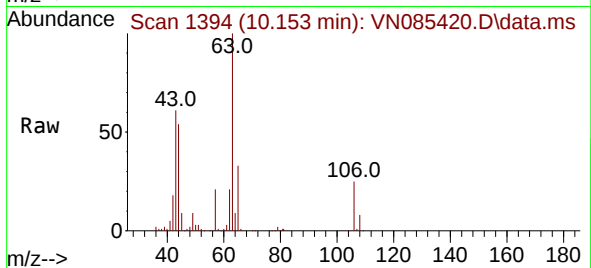




#55
2-Chloroethyl vinyl ether
Concen: 106.272 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

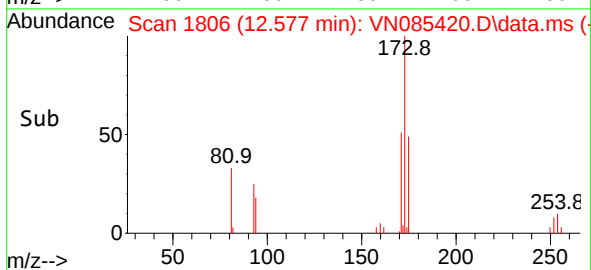
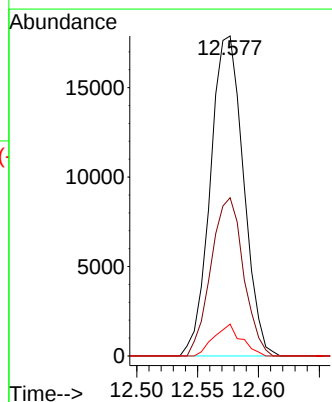
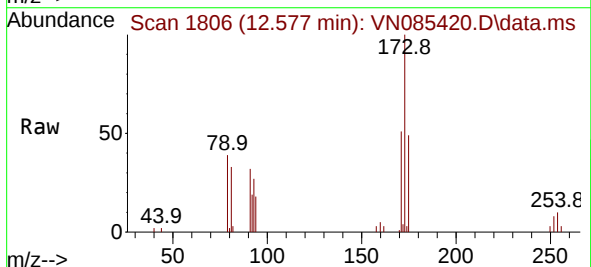
Instrument :
MSVOA_N
ClientSampleId :

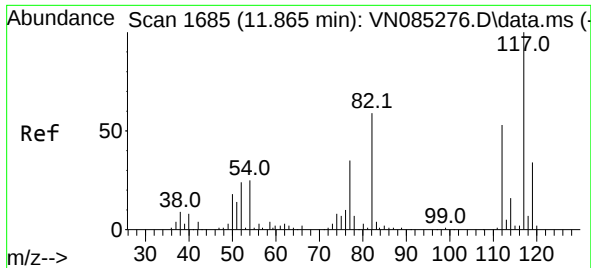
Tgt Ion: 63 Resp: 194587
Ion Ratio Lower Upper
63 100
65 32.0 25.9 38.9
106 27.0 21.2 31.8



#56
Bromoform
Concen: 18.816 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion:173 Resp: 33804
Ion Ratio Lower Upper
173 100
175 48.5 39.4 59.2
254 8.3 7.2 10.8

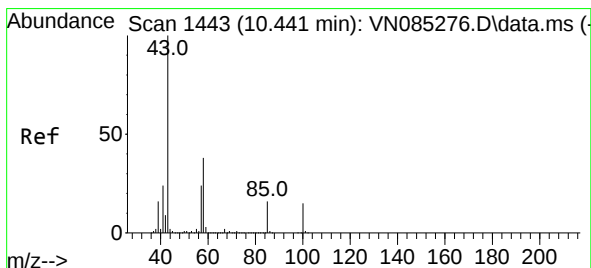
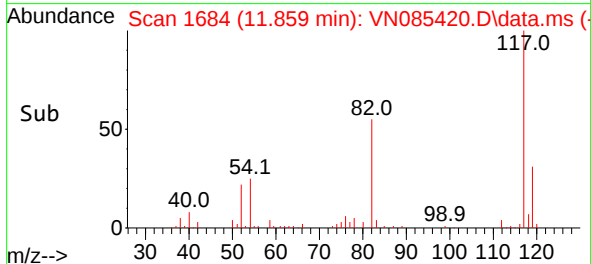
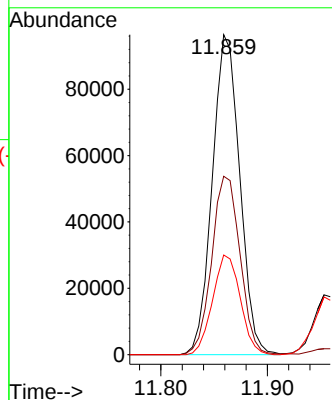
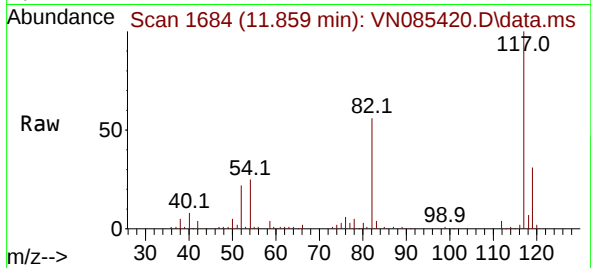




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

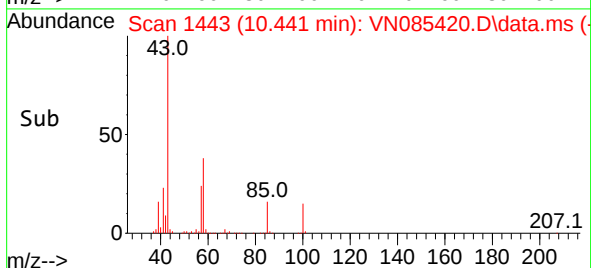
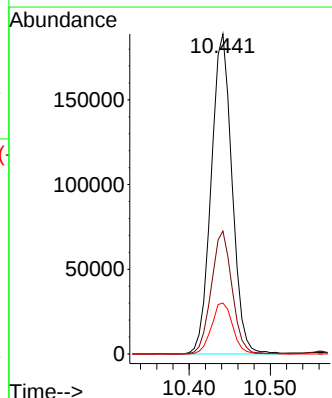
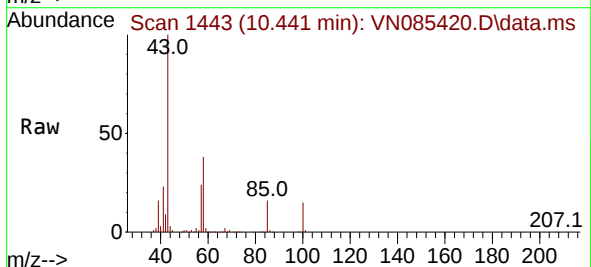
Instrument :
MSVOA_N
ClientSampleId :

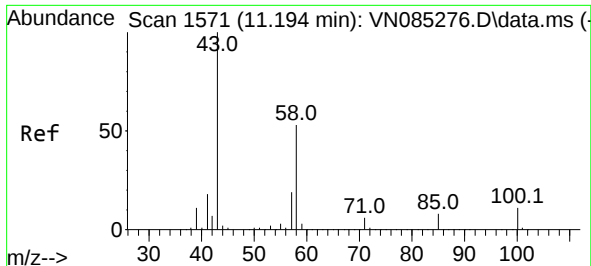
Tgt Ion:117 Resp: 172668
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.0
119 31.4 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 96.330 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 43 Resp: 337196
Ion Ratio Lower Upper
43 100
58 38.3 29.2 43.8
85 16.2 12.8 19.2

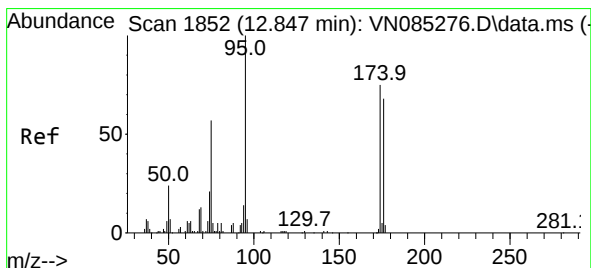
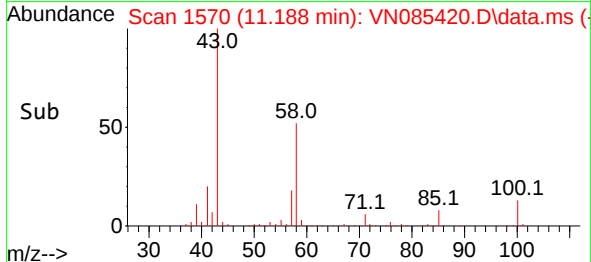
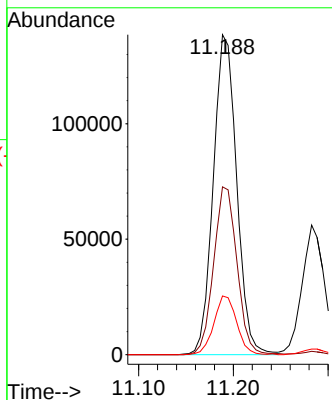
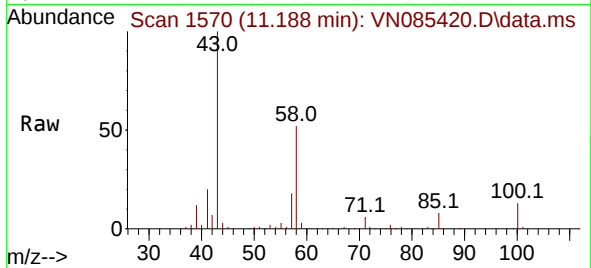




#59
2-Hexanone
Concen: 93.535 ug/l
RT: 11.188 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

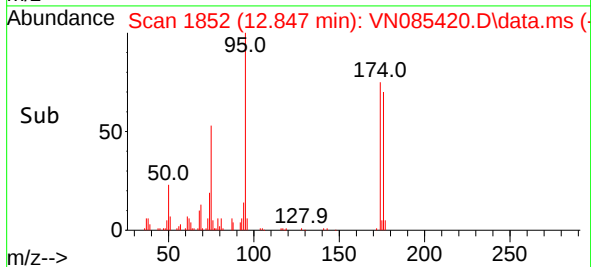
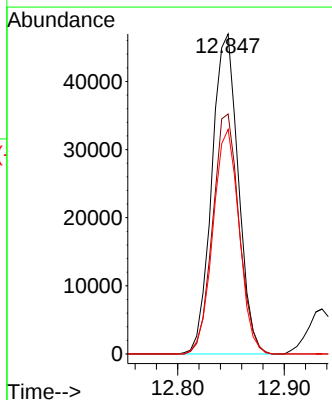
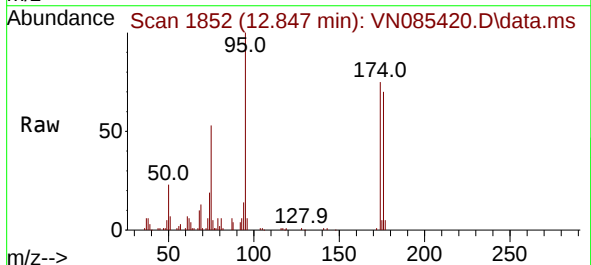
Instrument :
MSVOA_N
ClientSampleId :

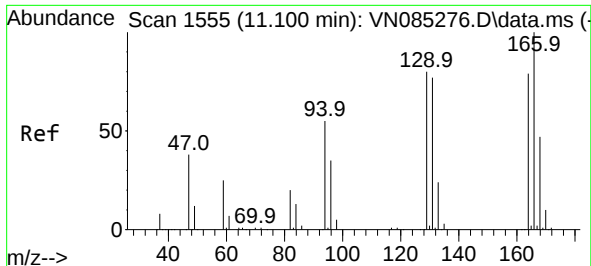
Tgt Ion: 43 Resp: 237851
Ion Ratio Lower Upper
43 100
58 52.3 40.2 60.4
57 17.9 14.2 21.4



#60
4-Bromofluorobenzene
Concen: 28.922 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

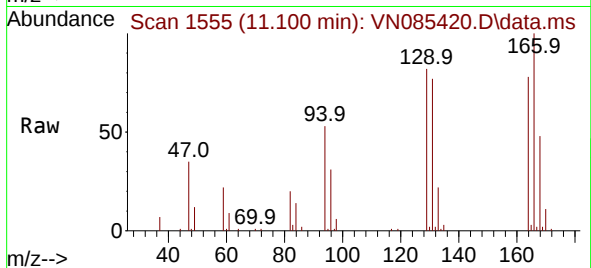
Tgt Ion: 95 Resp: 80894
Ion Ratio Lower Upper
95 100
174 74.8 57.8 86.8
176 69.6 57.1 85.7



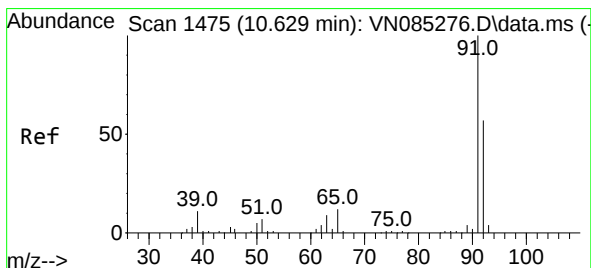
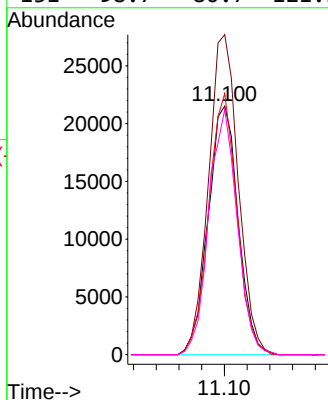
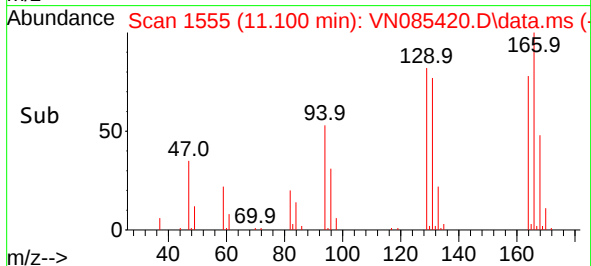


#61
Tetrachloroethene
Concen: 20.520 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :

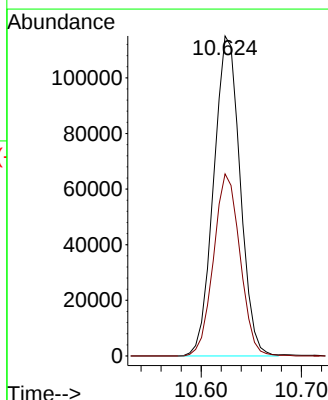
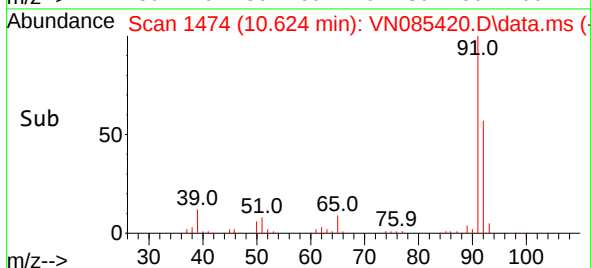
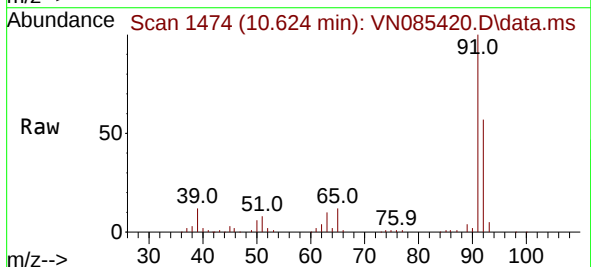


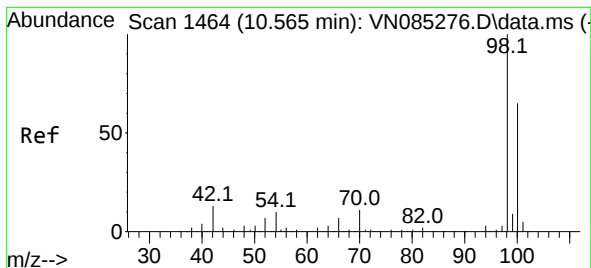
Tgt Ion:164 Resp: 39555
Ion Ratio Lower Upper
164 100
166 128.7 109.0 163.4
129 105.0 85.1 127.7
131 98.7 80.7 121.1



#62
Toluene
Concen: 19.845 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 91 Resp: 210513
Ion Ratio Lower Upper
91 100
92 56.9 45.9 68.9





#63

Toluene-d8

Concen: 29.523 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

Instrument :

MSVOA_N

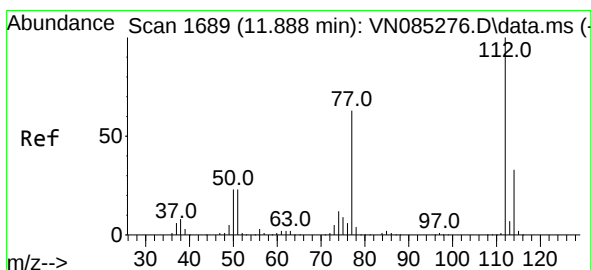
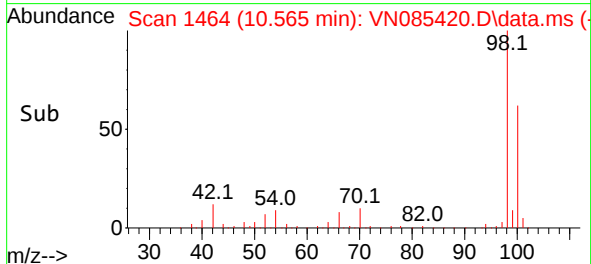
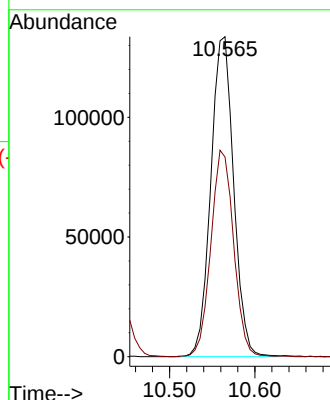
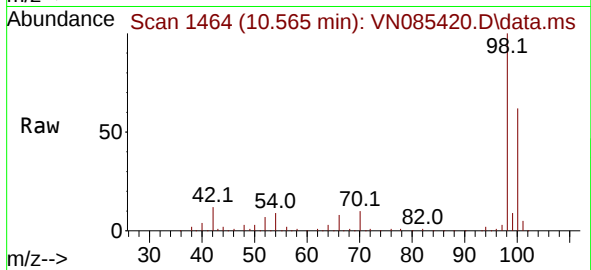
ClientSampleId :

Tgt Ion: 98 Resp: 248920

Ion Ratio Lower Upper

98 100

100 64.4 50.8 76.2



#64

Chlorobenzene

Concen: 20.797 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085420.D

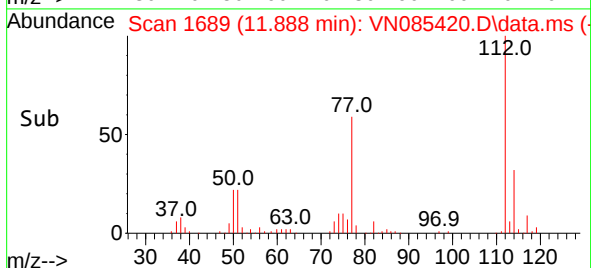
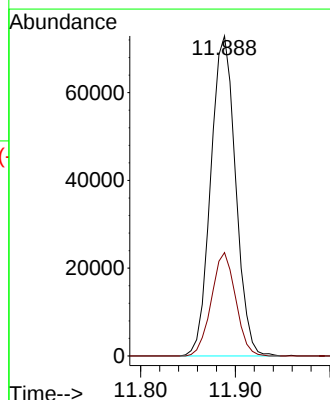
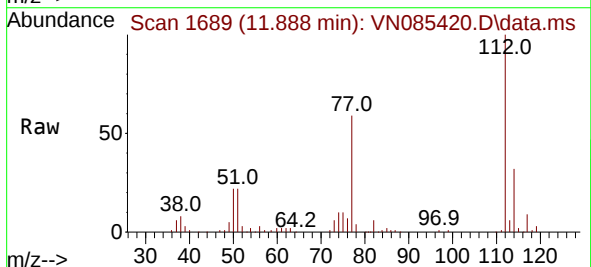
Acq: 10 Jan 2025 11:57

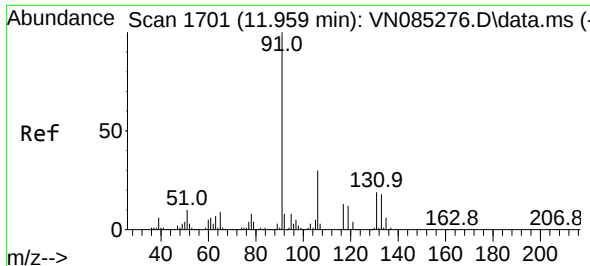
Tgt Ion: 112 Resp: 133055

Ion Ratio Lower Upper

112 100

114 32.3 26.4 39.6

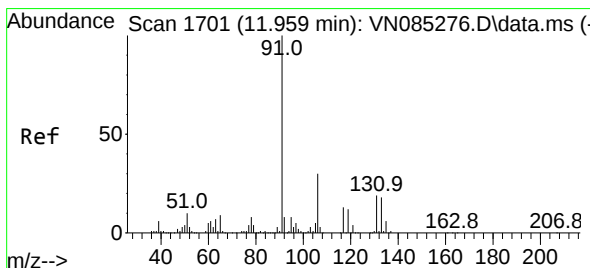
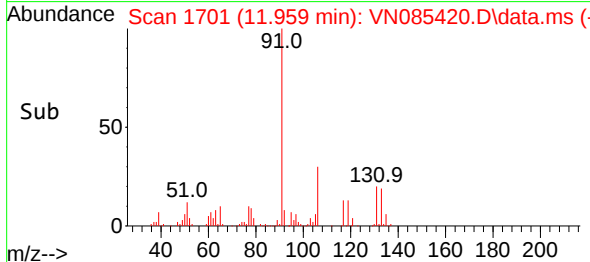
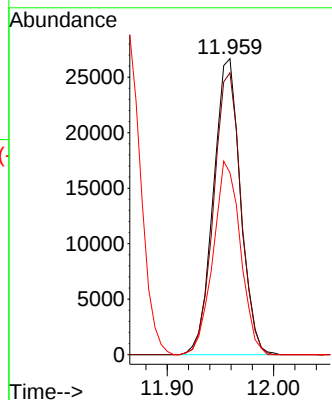
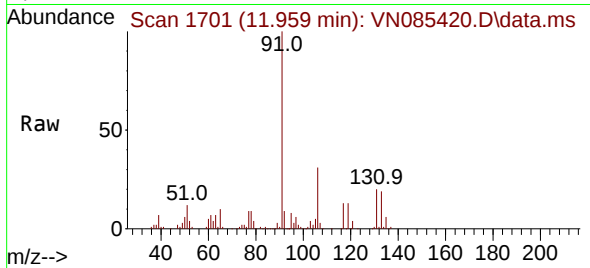




#65
1,1,1,2-Tetrachloroethane
Concen: 20.282 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

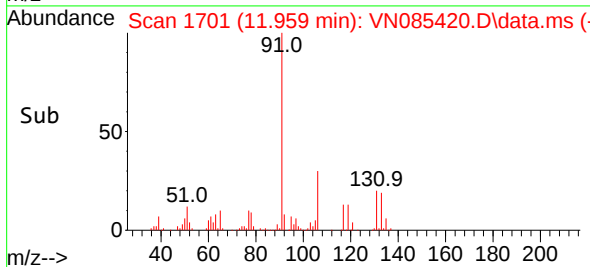
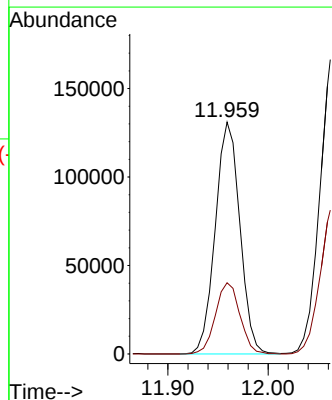
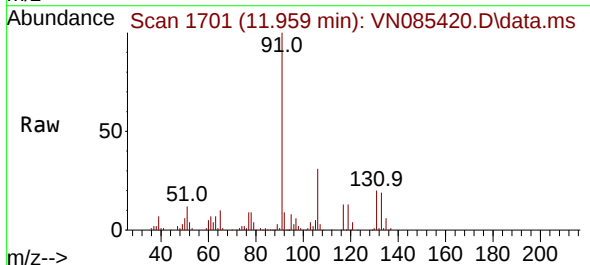
Instrument :
MSVOA_N
ClientSampleId :

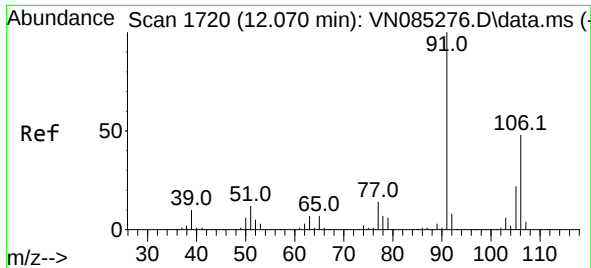
Tgt Ion:131 Resp: 47059
Ion Ratio Lower Upper
131 100
133 95.7 0.0 189.4
119 66.0 0.0 135.0



#66
Ethyl Benzene
Concen: 19.989 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 91 Resp: 223112
Ion Ratio Lower Upper
91 100
106 30.7 23.2 34.8





#67

m/p-Xylenes

Concen: 40.842 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

Instrument :

MSVOA_N

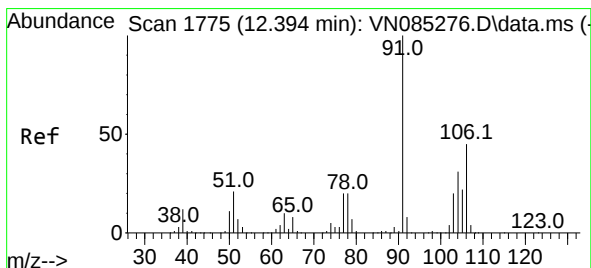
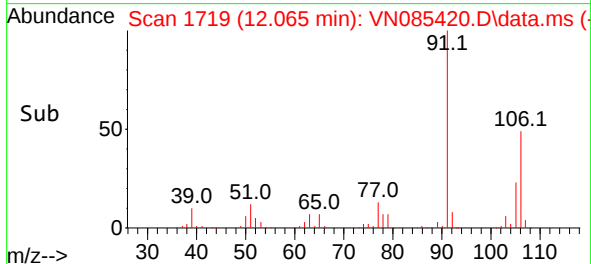
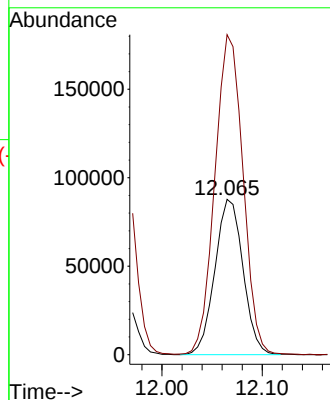
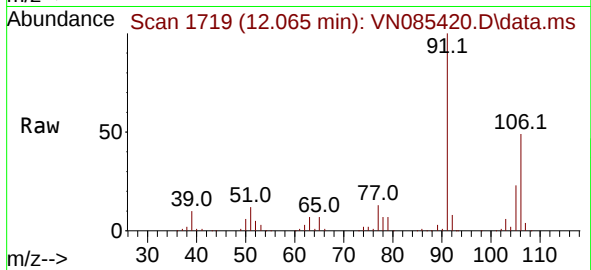
ClientSampleId :

Tgt Ion:106 Resp: 171024

Ion Ratio Lower Upper

106 100

91 206.3 167.0 250.4



#68

o-Xylene

Concen: 20.202 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085420.D

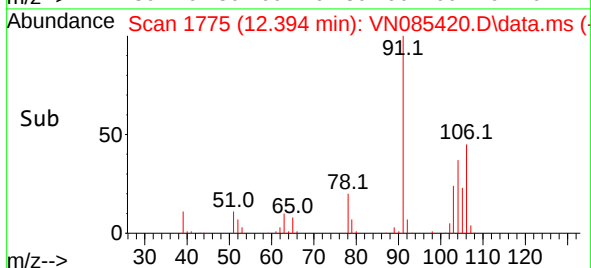
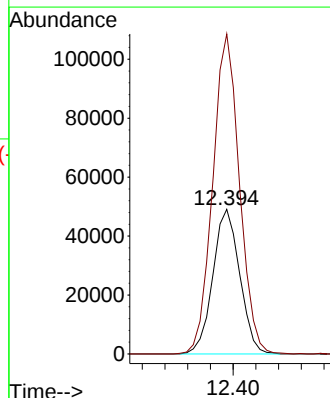
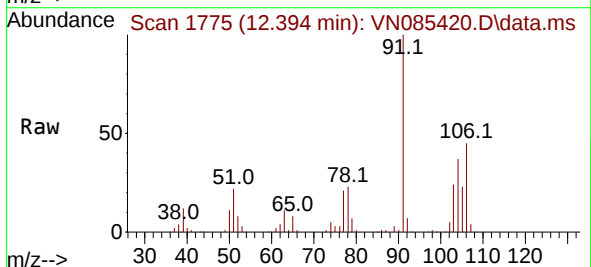
Acq: 10 Jan 2025 11:57

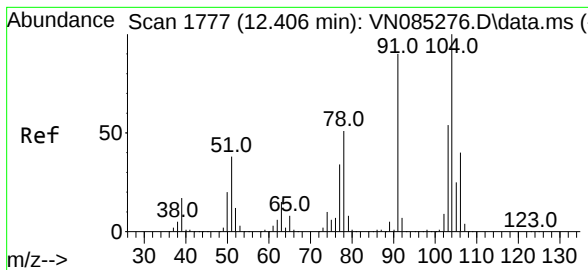
Tgt Ion:106 Resp: 80580

Ion Ratio Lower Upper

106 100

91 219.9 110.6 331.8





#69

Styrene

Concen: 19.831 ug/l

RT: 12.406 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

Instrument :

MSVOA_N

ClientSampleId :

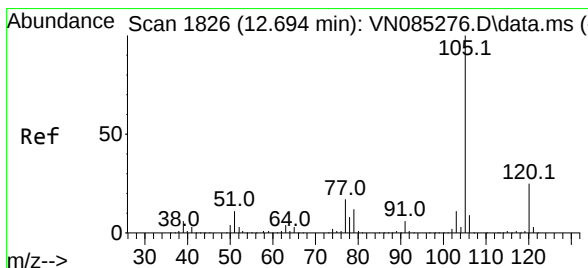
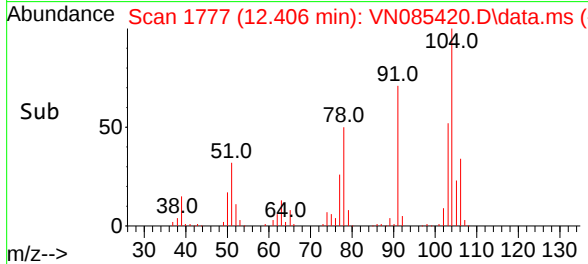
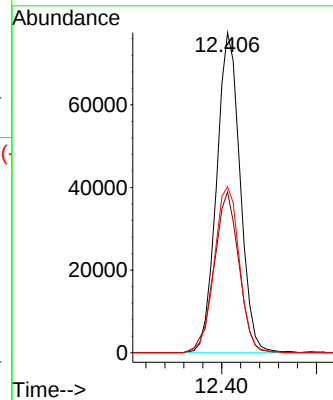
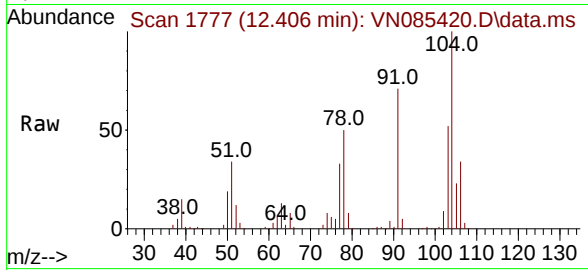
Tgt Ion:104 Resp: 133682

Ion Ratio Lower Upper

104 100

78 52.8 41.0 61.4

103 55.6 44.8 67.2



#70

Isopropylbenzene

Concen: 20.498 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085420.D

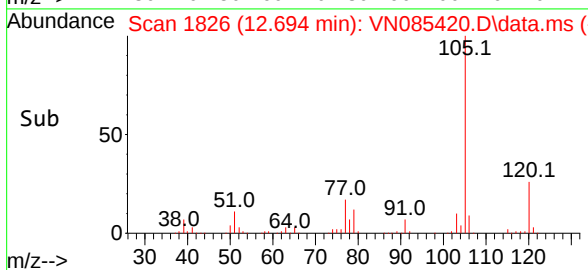
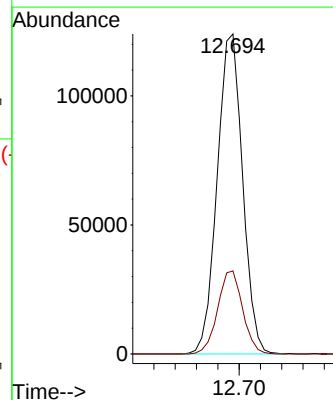
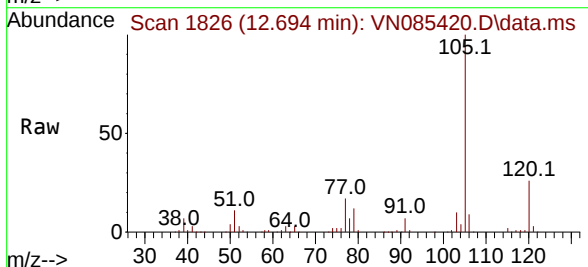
Acq: 10 Jan 2025 11:57

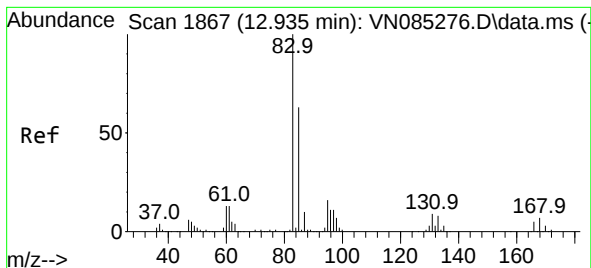
Tgt Ion:105 Resp: 205298

Ion Ratio Lower Upper

105 100

120 25.4 18.4 34.2

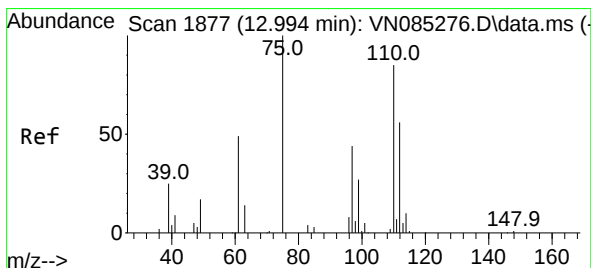
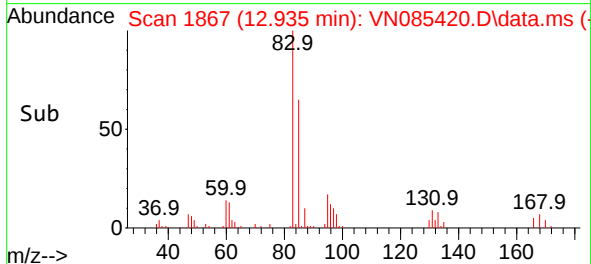
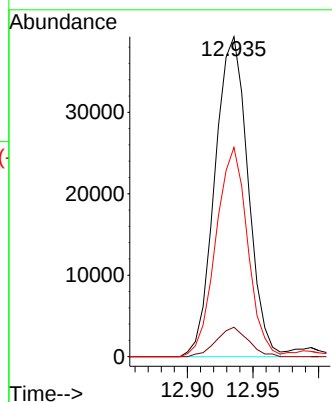
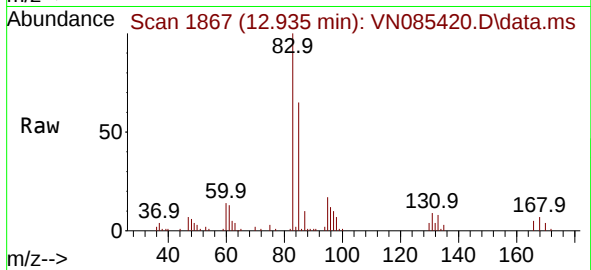




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.402 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085420.D
 Acq: 10 Jan 2025 11:57

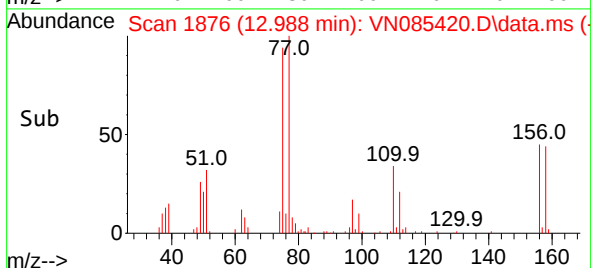
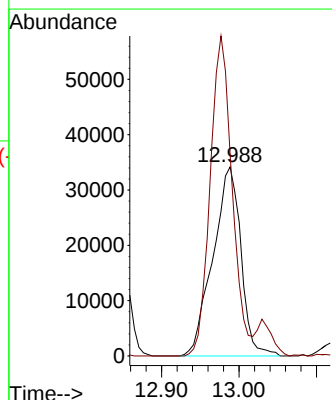
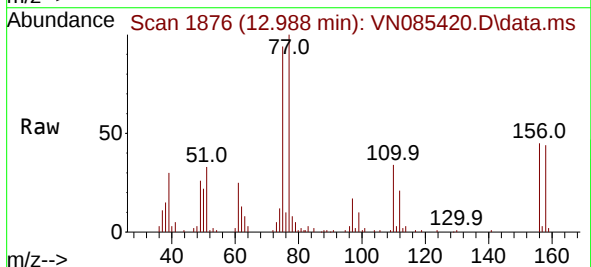
Instrument :
 MSVOA_N
 ClientSampleId :

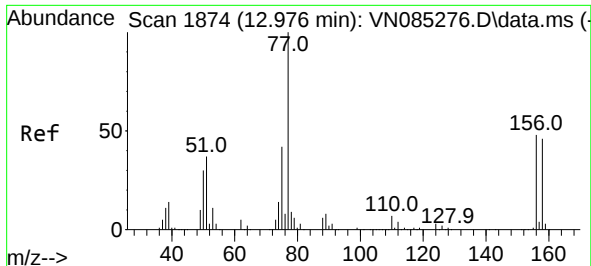
Tgt Ion: 83 Resp: 68922
 Ion Ratio Lower Upper
 83 100
 131 8.9 5.0 15.0
 85 62.7 33.0 98.9



#72
 1,2,3-Trichloropropane
 Concen: 28.421 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN085420.D
 Acq: 10 Jan 2025 11:57

Tgt Ion: 75 Resp: 85925
 Ion Ratio Lower Upper
 75 100
 77 133.0 0.0 407.2

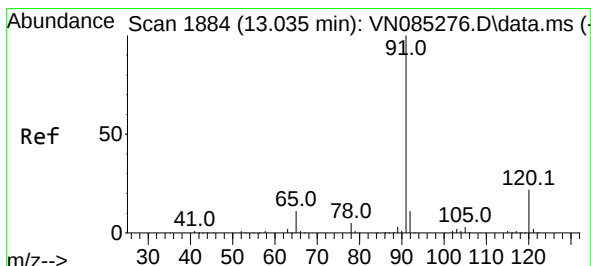
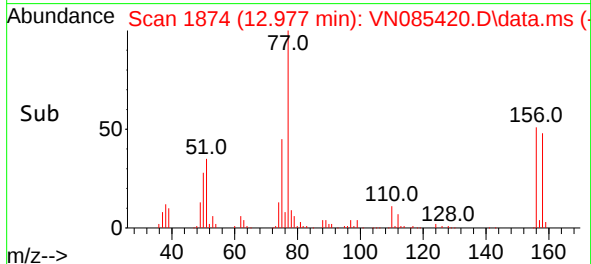
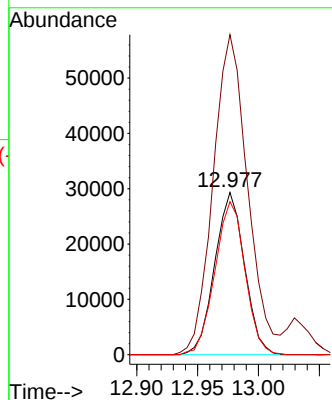
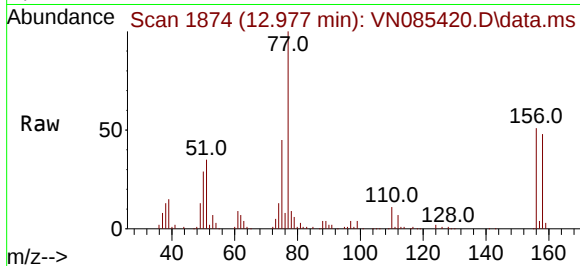




#73
Bromobenzene
Concen: 20.156 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

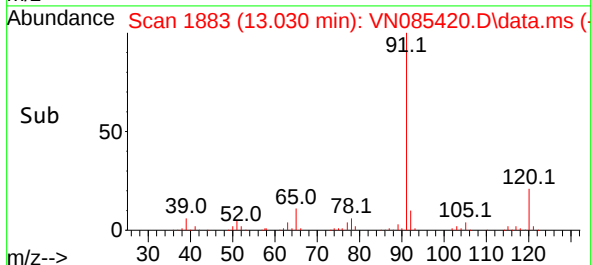
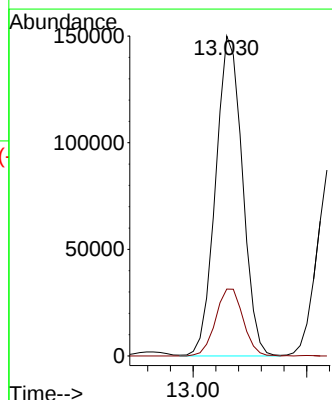
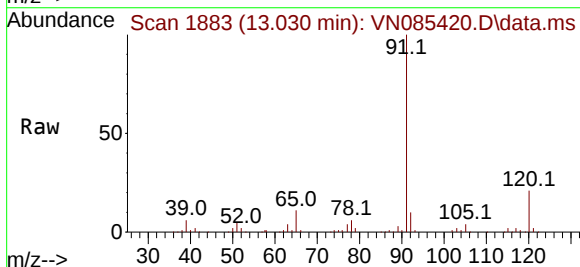
Instrument :
MSVOA_N
ClientSampleId :

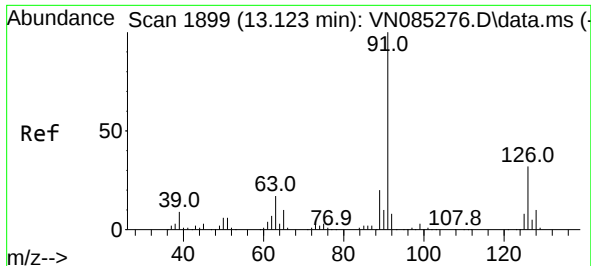
Tgt Ion	Ratio	Lower	Upper
156	100		
77	229.2	0.0	462.6
158	95.5	0.0	186.4



#74
n-propylbenzene
Concen: 19.705 ug/l
RT: 13.030 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.4	0.0	41.4

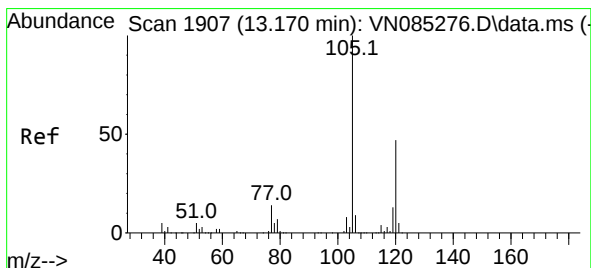
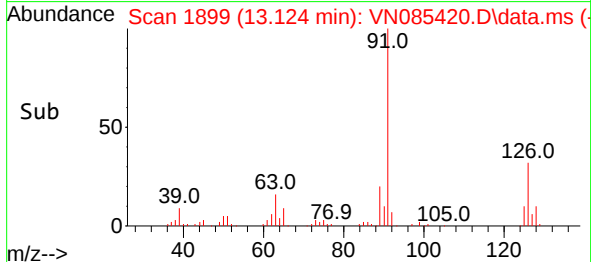
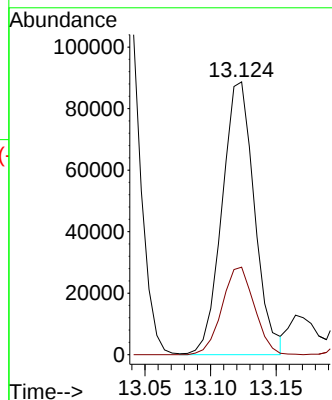
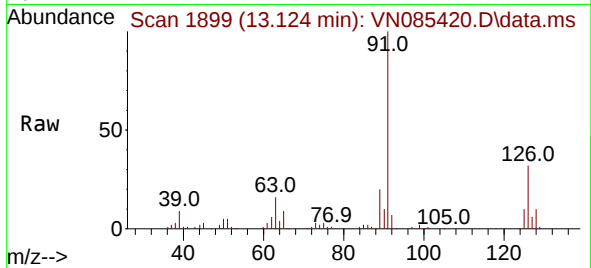




#75
2-Chlorotoluene
Concen: 20.317 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

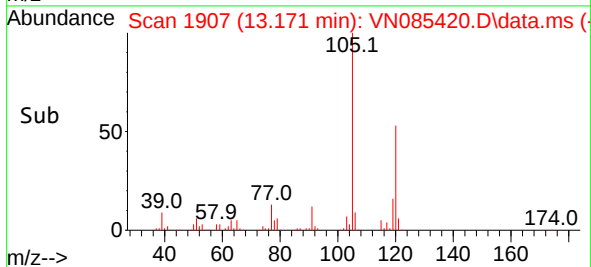
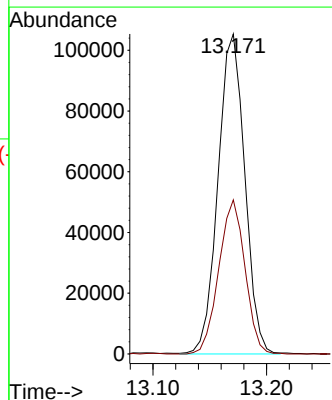
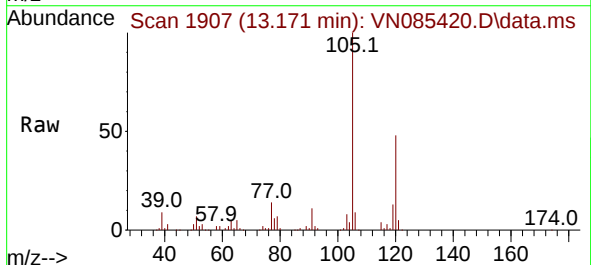
Instrument :
MSVOA_N
ClientSampleId :

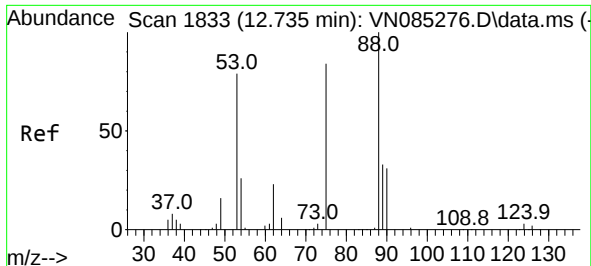
Tgt Ion: 91 Resp: 152717
Ion Ratio Lower Upper
91 100
126 32.0 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 20.183 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion: 105 Resp: 172482
Ion Ratio Lower Upper
105 100
120 47.1 0.0 95.0

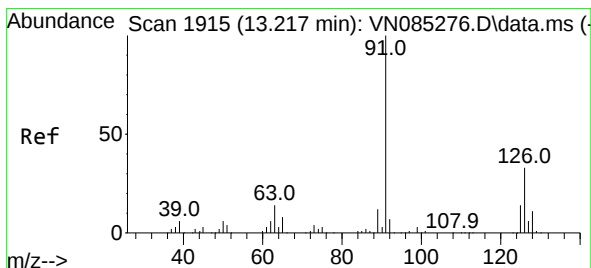
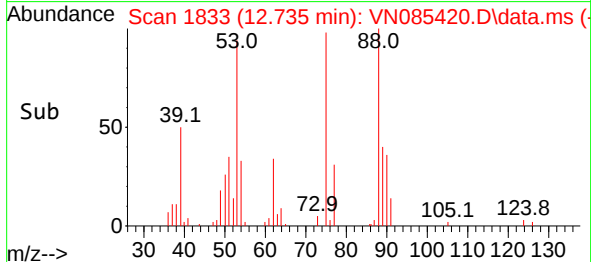
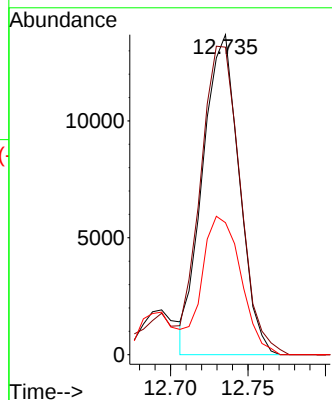
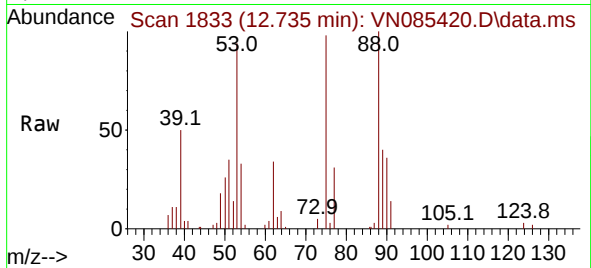




#77
t-1,4-Dichloro-2-butene
Concen: 18.148 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

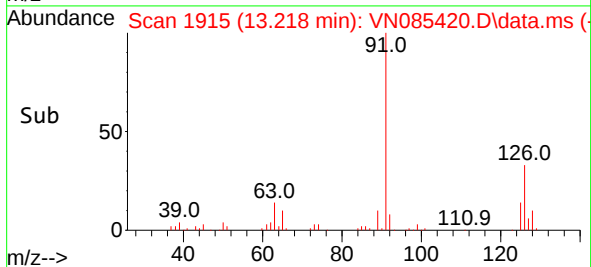
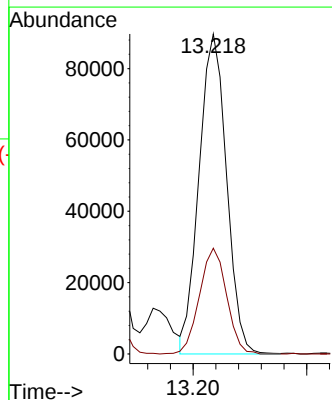
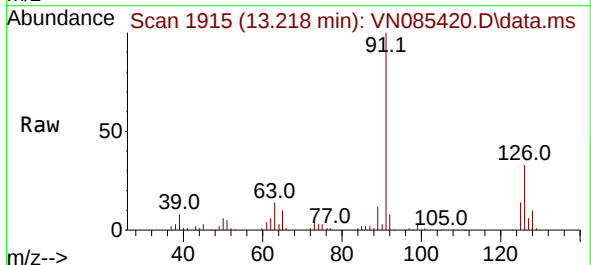
Instrument :
MSVOA_N
ClientSampleId :

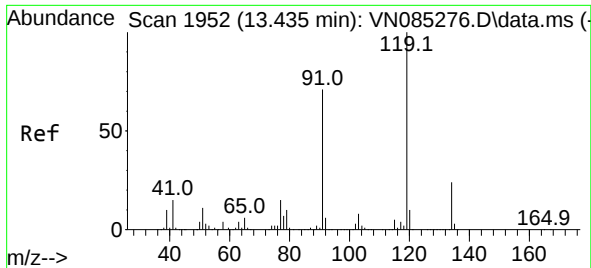
Tgt Ion:	75	Resp:	22424
Ion Ratio	Lower	Upper	
75	100		
53	94.5	54.9	164.5
89	41.2	22.8	68.3



#78
4-Chlorotoluene
Concen: 19.732 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion:	91	Resp:	150801
Ion Ratio	Lower	Upper	
91	100		
126	32.6	0.0	63.6

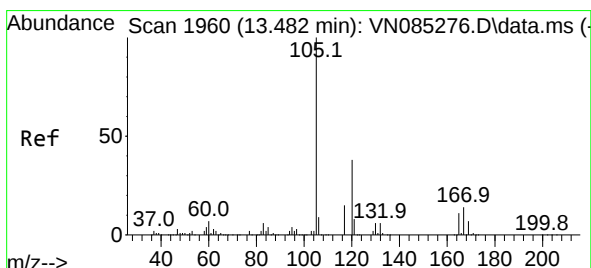
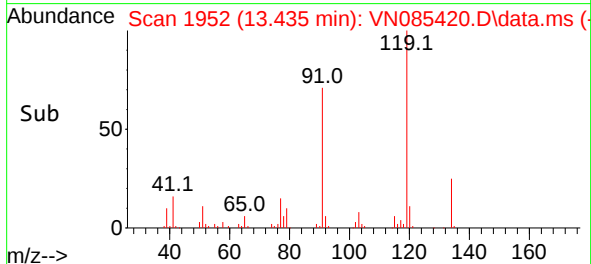
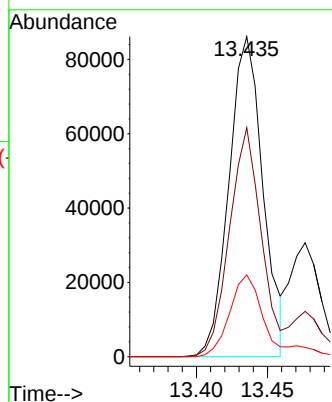
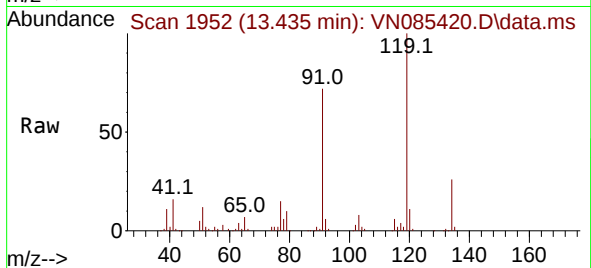




#79
tert-butylbenzene
Concen: 20.555 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

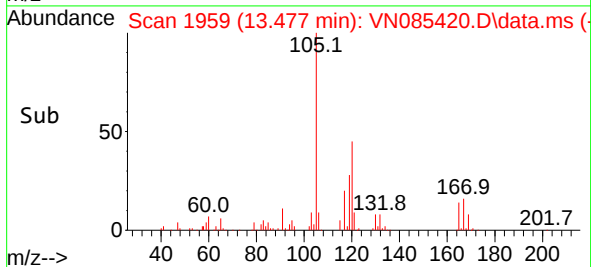
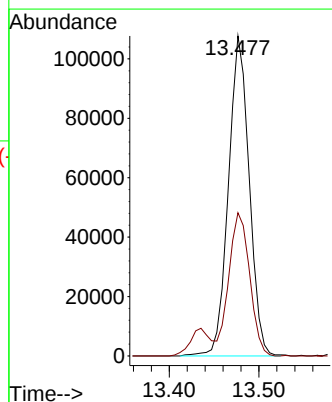
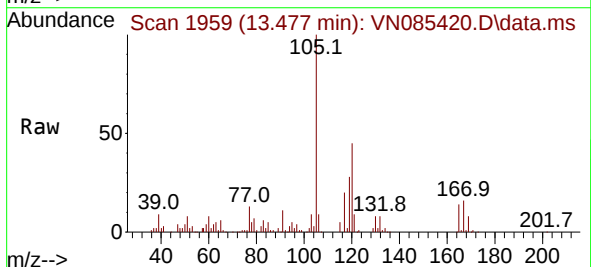
Instrument :
MSVOA_N
ClientSampleId :

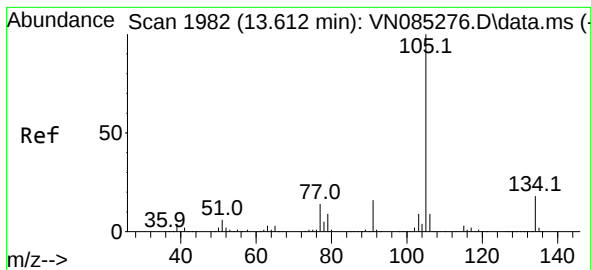
Tgt Ion:119 Resp: 143661
Ion Ratio Lower Upper
119 100
91 66.6 0.0 142.0
134 24.5 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 20.348 ug/l
RT: 13.477 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion:105 Resp: 173092
Ion Ratio Lower Upper
105 100
120 44.6 0.0 89.8





#81

sec-Butylbenzene

Concen: 20.202 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

Instrument :

MSVOA_N

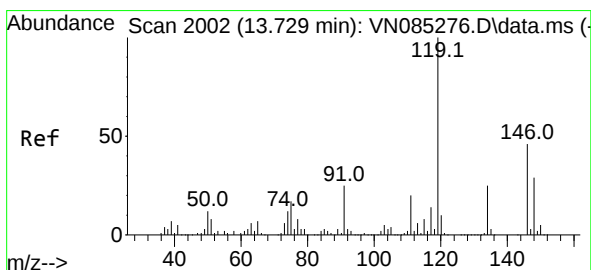
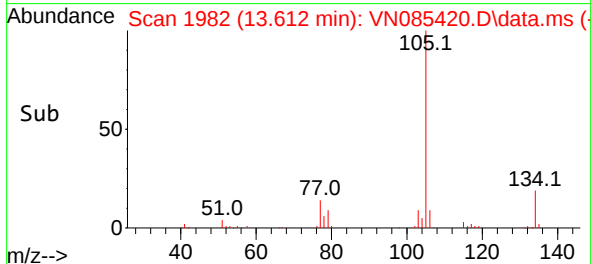
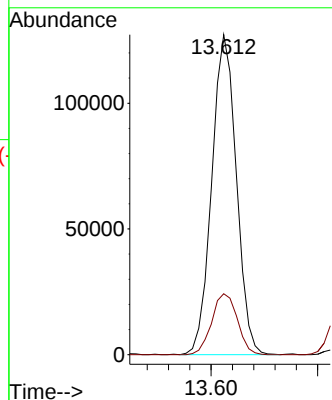
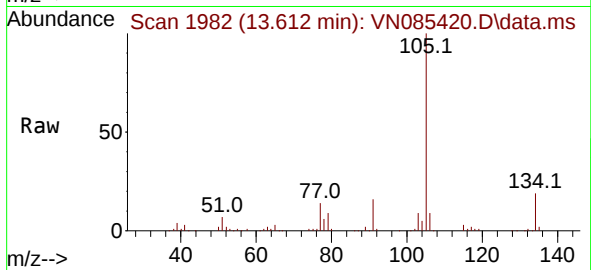
ClientSampleId :

Tgt Ion:105 Resp: 203844

Ion Ratio Lower Upper

105 100

134 19.8 0.0 39.8



#82

p-Isopropyltoluene

Concen: 20.057 ug/l

RT: 13.724 min Scan# 2001

Delta R.T. -0.006 min

Lab File: VN085420.D

Acq: 10 Jan 2025 11:57

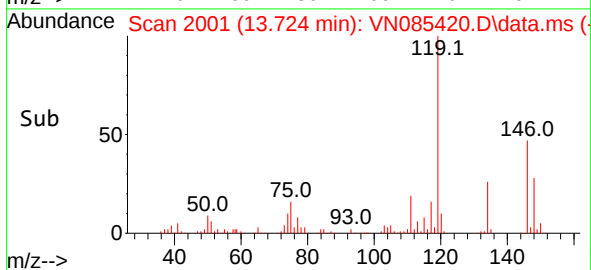
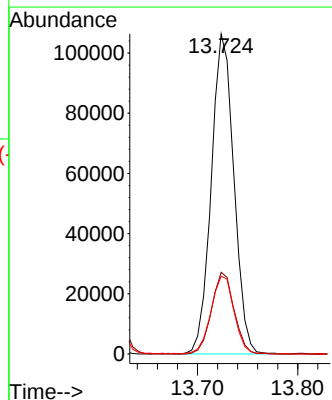
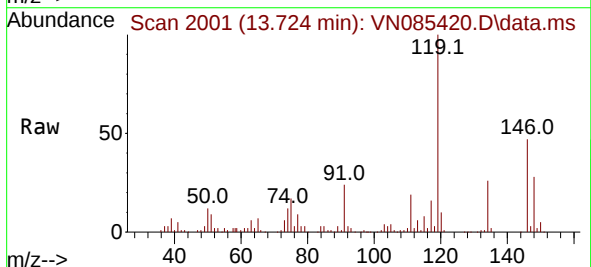
Tgt Ion:119 Resp: 166671

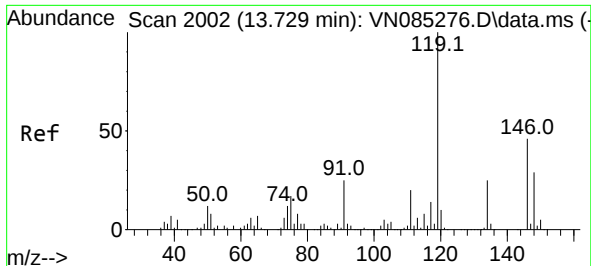
Ion Ratio Lower Upper

119 100

134 25.3 0.0 51.4

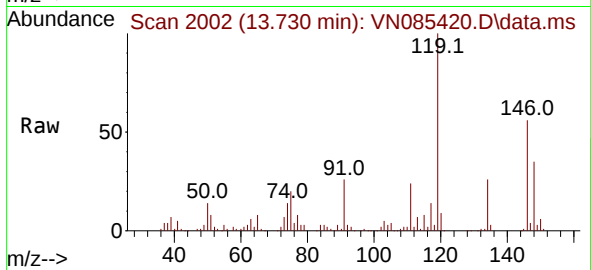
91 24.9 0.0 51.4



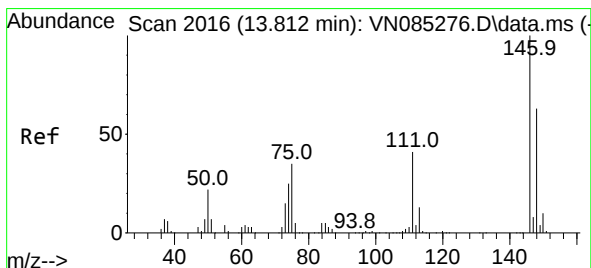
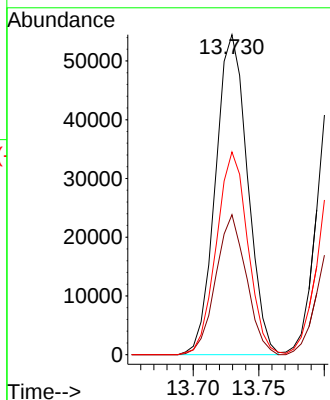
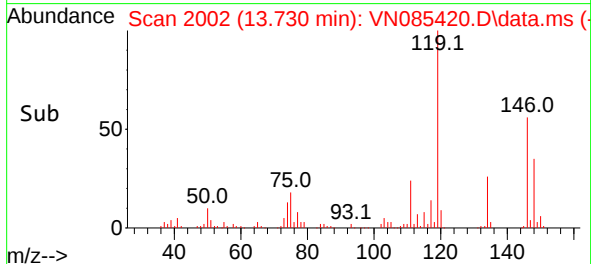


#83
1,3-Dichlorobenzene
Concen: 20.059 ug/l
RT: 13.730 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

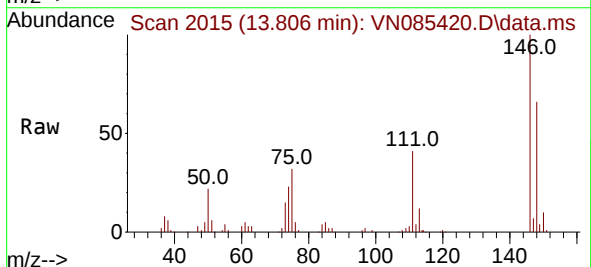
Instrument :
MSVOA_N
ClientSampleId :



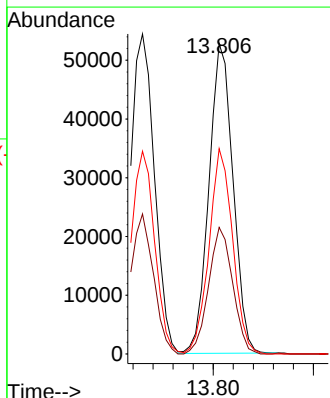
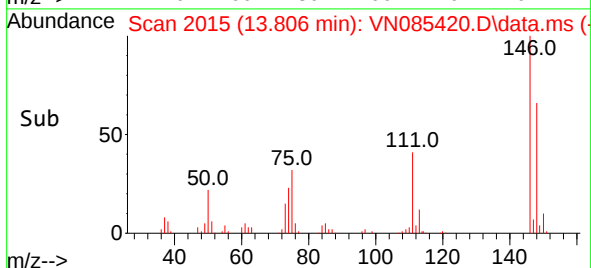
Tgt Ion:146 Resp: 92562
Ion Ratio Lower Upper
146 100
111 41.7 20.4 61.3
148 62.2 31.1 93.5

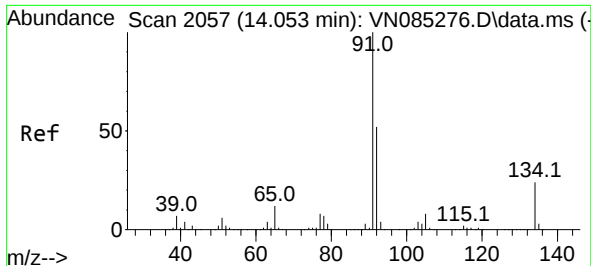


#84
1,4-Dichlorobenzene
Concen: 19.717 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57



Tgt Ion:146 Resp: 88025
Ion Ratio Lower Upper
146 100
111 40.9 20.7 62.1
148 65.0 33.2 99.6

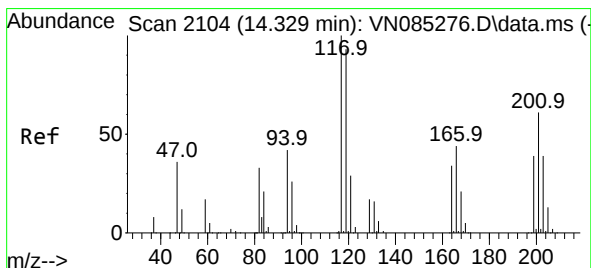
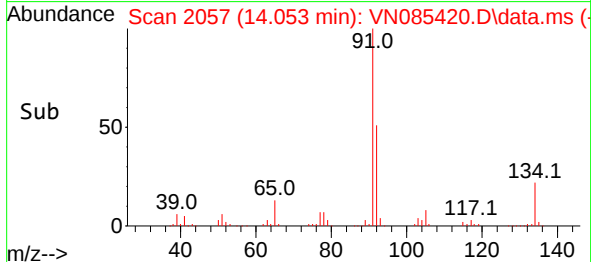
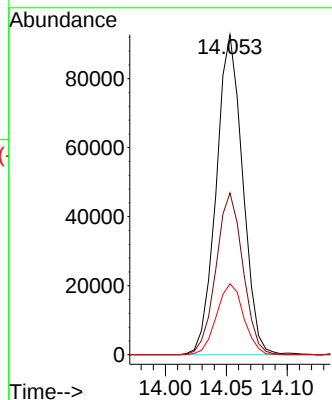
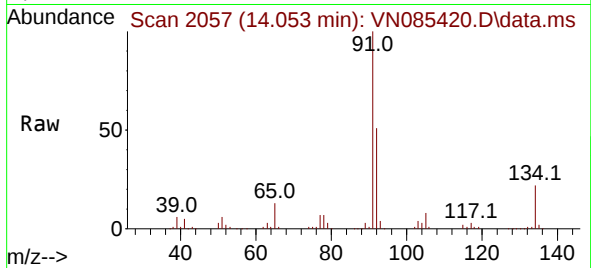




#85
n-Butylbenzene
Concen: 19.538 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

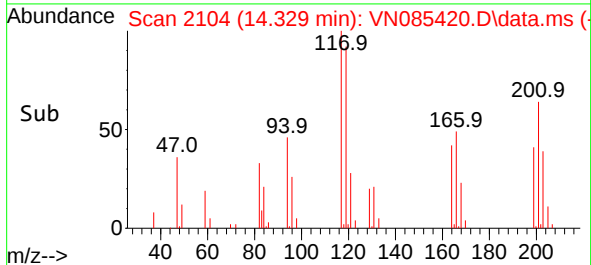
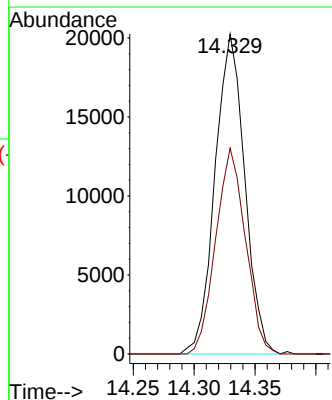
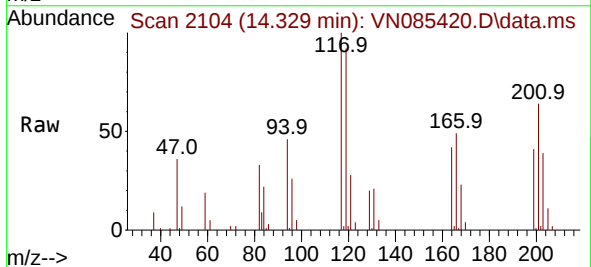
Instrument :
MSVOA_N
ClientSampleId :

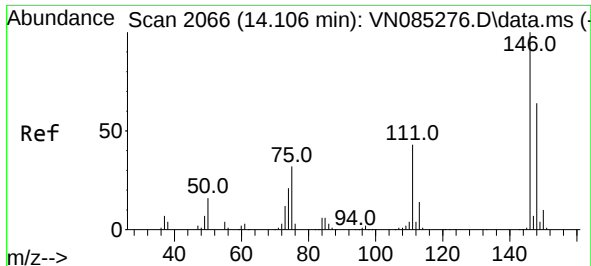
Tgt Ion: 91 Resp: 140172
Ion Ratio Lower Upper
91 100
92 51.4 0.0 102.0
134 22.7 0.0 46.4



#86
Hexachloroethane
Concen: 19.259 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

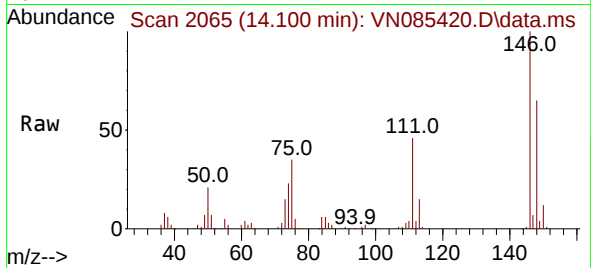
Tgt Ion: 117 Resp: 34358
Ion Ratio Lower Upper
117 100
201 64.3 31.8 95.3



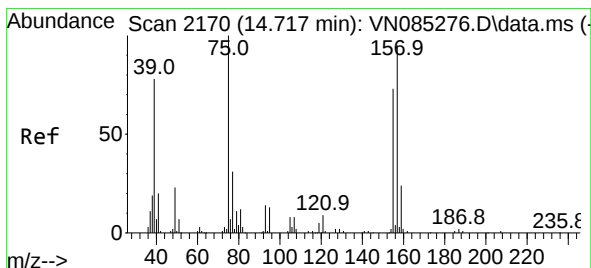
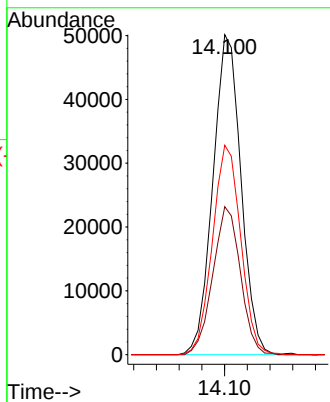
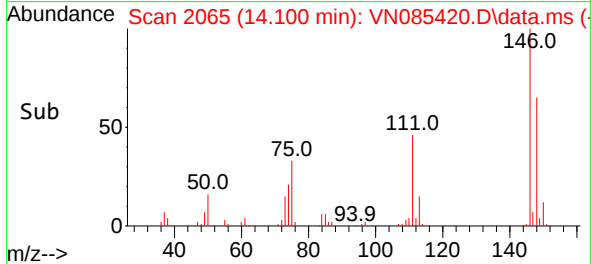


#87
1,2-Dichlorobenzene
Concen: 19.643 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

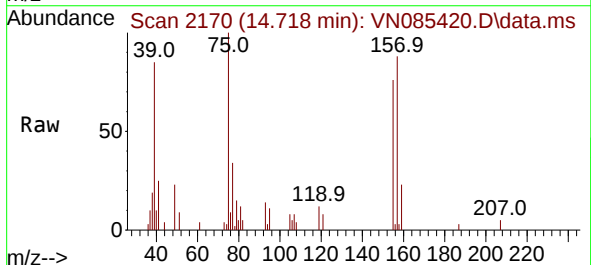
Instrument :
MSVOA_N
ClientSampleId :



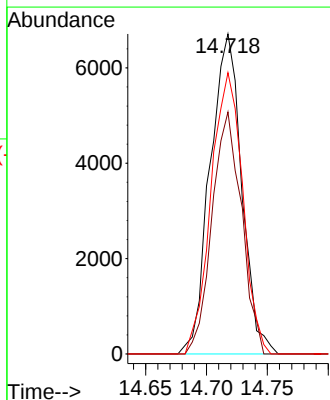
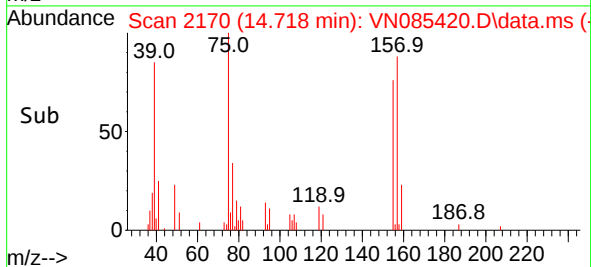
Tgt Ion:146 Resp: 86114
Ion Ratio Lower Upper
146 100
111 45.3 22.1 66.3
148 65.9 32.5 97.4

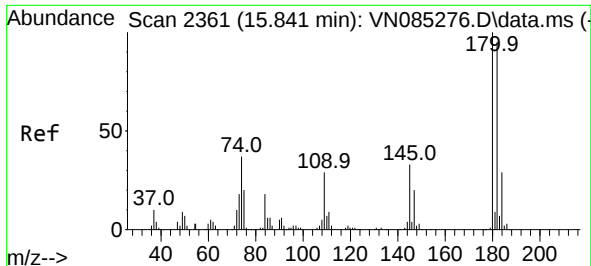


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.656 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57



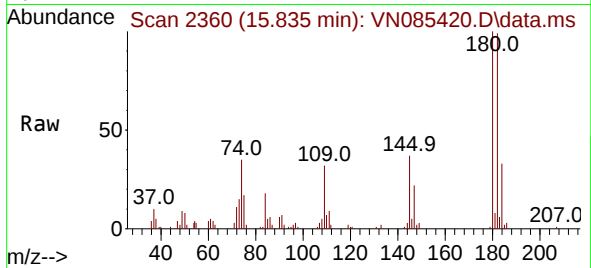
Tgt Ion: 75 Resp: 12098
Ion Ratio Lower Upper
75 100
155 70.6 53.4 80.0
157 88.0 74.2 111.4



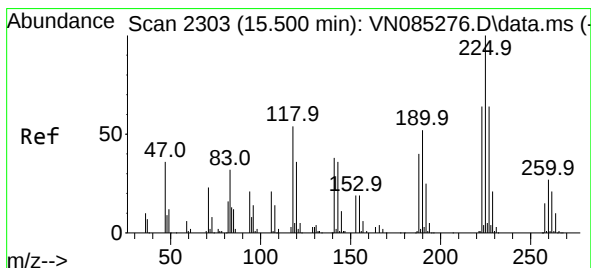
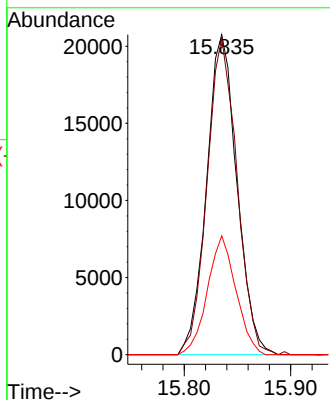
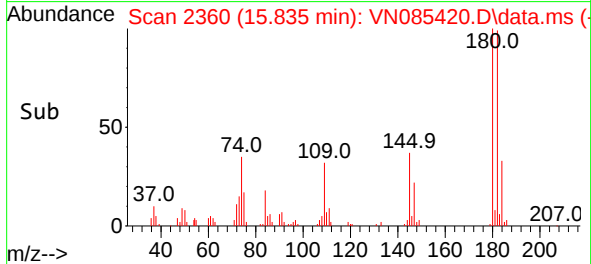


#89
 1,2,4-Trichlorobenzene
 Concen: 19.804 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN085420.D
 Acq: 10 Jan 2025 11:57

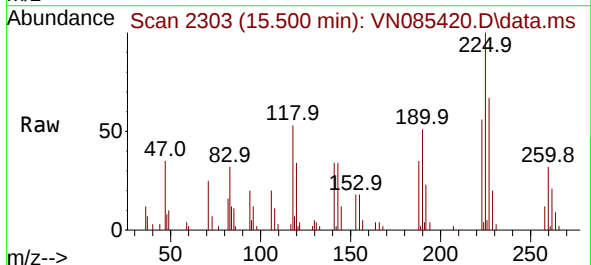
Instrument :
 MSVOA_N
 ClientSampleId :



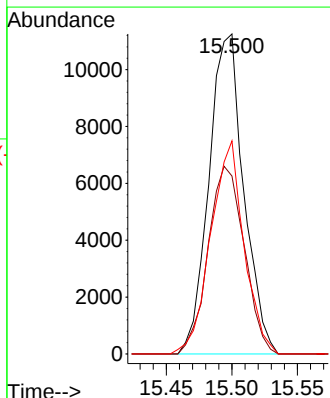
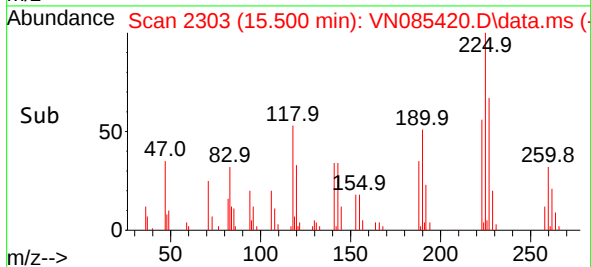
Tgt Ion:180 Resp: 41132
 Ion Ratio Lower Upper
 180 100
 182 97.3 76.5 114.7
 145 34.9 27.4 41.2

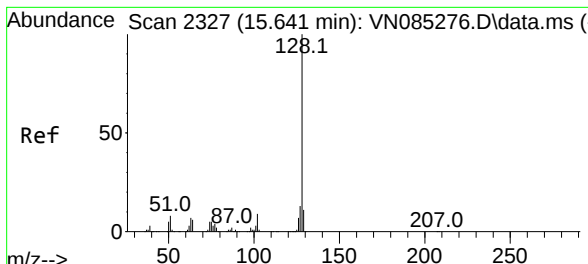


#90
 Hexachlorobutadiene
 Concen: 20.087 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN085420.D
 Acq: 10 Jan 2025 11:57



Tgt Ion:225 Resp: 20796
 Ion Ratio Lower Upper
 225 100
 223 60.8 0.0 116.2
 227 63.5 0.0 116.4

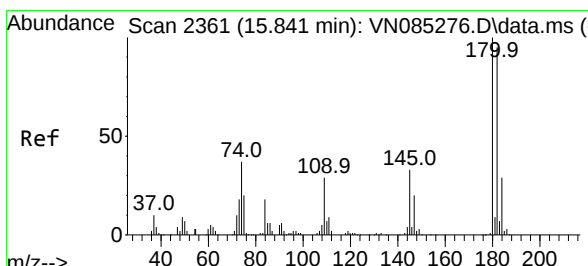
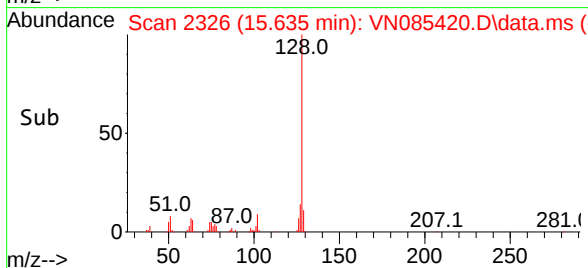
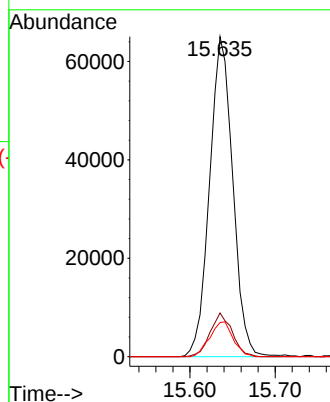
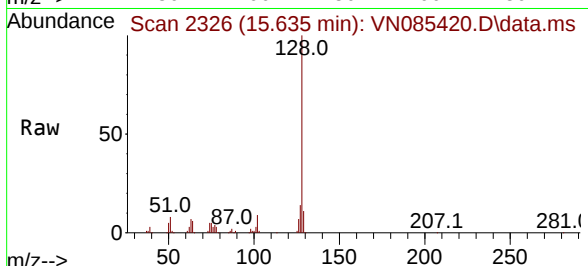




#91
Naphthalene
Concen: 18.436 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 123026
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 11.0 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 19.804 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085420.D
Acq: 10 Jan 2025 11:57

Tgt Ion:180 Resp: 41132
Ion Ratio Lower Upper
180 100
182 97.3 0.0 191.2
145 34.9 0.0 68.6

