

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011025\
 Data File : VN085418.D
 Acq On : 10 Jan 2025 10:56
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: Jan 10 22:39:55 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	7.812	128	32951	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	181970	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	160429	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	84830	29.265	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	97.567%		
60) 4-Bromofluorobenzene	12.847	95	72823	28.023	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	93.400%		
63) Toluene-d8	10.565	98	230396	29.411	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.033%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54190	19.669	ug/l	98
3) Chloromethane	2.359	50	51148	18.387	ug/l	97
4) Vinyl Chloride	2.518	62	52902	18.729	ug/l	98
5) Bromomethane	2.965	94	32048	19.409	ug/l	95
6) Chloroethane	3.124	64	34528	19.365	ug/l #	85
7) Trichlorofluoromethane	3.506	101	78848	20.319	ug/l	95
8) Diethyl Ether	3.959	74	26619	19.918	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	47115	21.144	ug/l	93
10) 1,1-Dichloroethene	4.341	96	39977	19.639	ug/l	92
11) Methyl Iodide	4.589	142	49017	20.092	ug/l	96
12) Methyl Acetate	5.024	43	61229	20.141	ug/l	99
13) Acrolein	4.177	56	27401	100.968	ug/l	100
14) Acrylonitrile	5.718	53	101371	86.217	ug/l	99
15) Acetone	4.430	58	27958	94.263	ug/l	95
16) Carbon Disulfide	4.712	76	115368	18.645	ug/l	97
17) Allyl chloride	5.018	41	63558	19.301	ug/l	99
18) Methylene Chloride	5.277	84	47412	19.546	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	42526	20.086	ug/l	89
20) Diisopropyl ether	6.665	45	152725	20.237	ug/l	98
21) 1,1-Dichloroethane	6.559	63	88899	20.150	ug/l	97
22) cis-1,2-Dichloroethene	7.477	96	50725	20.120	ug/l	98
23) tert-Butyl Alcohol	5.524	59	27689	71.457	ug/l #	100
24) Methyl tert-Butyl Ether	5.788	73	132360	19.810	ug/l	97
25) Chloroform	7.959	83	88615	19.814	ug/l	97
26) Cyclohexane	8.253	56	67755	20.142	ug/l #	100
29) 1,1-Dichloropropene	8.365	75	61289	19.399	ug/l	99
30) 2-Butanone	7.477	43	134491	80.645	ug/l	100
31) 2,2-Dichloropropane	7.488	77	78656	19.647	ug/l	98
32) 1,1,1-Trichloroethane	8.159	97	78159	19.030	ug/l	98
33) Carbon Tetrachloride	8.359	117	67240	18.702	ug/l	97
34) Benzene	8.600	78	189453	18.970	ug/l	98
35) Methacrylonitrile	7.777	41	31581	17.107	ug/l	96
36) 1,2-Dichloroethane	8.665	62	69072	19.126	ug/l	99
37) Trichloroethene	9.347	130	42502	19.343	ug/l	94
38) Methylcyclohexane	9.594	83	61410	18.783	ug/l	96
39) 1,2-Dichloropropane	9.618	63	47348	18.635	ug/l	93
40) Dibromomethane	9.700	93	32564	18.382	ug/l	99
41) Bromodichloromethane	9.882	83	69100	18.665	ug/l #	93
42) Vinyl Acetate	6.594	43	510123	86.656	ug/l	100

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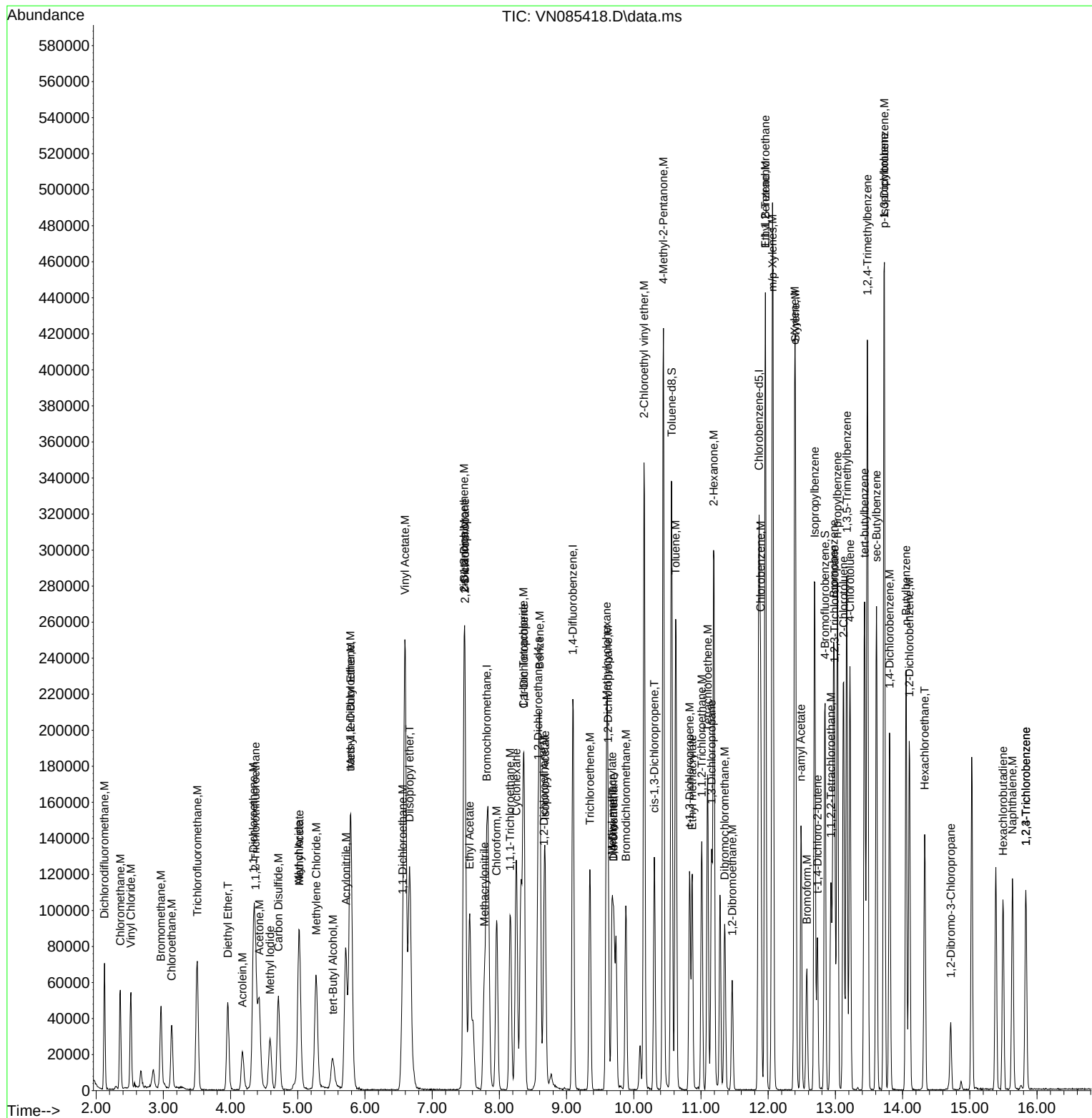
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	58554	16.978	ug/l	96
44) Isopropyl Acetate	8.682	43	100964	17.622	ug/l	98
45) 1,4-Dioxane	9.694	88	11976	268.750	ug/l	94
46) Methyl methacrylate	9.676	41	44903	16.885	ug/l	97
47) n-amyl Acetate	12.488	43	73922	15.146	ug/l	98
48) t-1,3-Dichloropropene	10.829	75	66432	18.167	ug/l	98
49) cis-1,3-Dichloropropene	10.306	75	74719	19.006	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	44413	19.170	ug/l	94
51) Ethyl methacrylate	10.871	69	59042	16.849	ug/l	93
52) 1,3-Dichloropropane	11.159	76	74734	18.479	ug/l	99
53) Dibromochloromethane	11.353	129	49021	18.058	ug/l	96
54) 1,2-Dibromoethane	11.465	107	40499	18.063	ug/l	98
55) 2-Chloroethyl vinyl ether	10.153	63	147280	81.596	ug/l	99
56) Bromoform	12.576	173	29820	16.838	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	282811	86.957	ug/l	99
59) 2-Hexanone	11.188	43	195130	82.589	ug/l	98
61) Tetrachloroethene	11.100	164	38281	21.374	ug/l	93
62) Toluene	10.623	91	198231	20.113	ug/l	99
64) Chlorobenzene	11.888	112	116097	19.531	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	42484	19.707	ug/l	98
66) Ethyl Benzene	11.959	91	200143	19.299	ug/l	100
67) m/p-Xylenes	12.065	106	154051	39.595	ug/l	99
68) o-Xylene	12.394	106	70672	19.070	ug/l	99
69) Styrene	12.406	104	118918	18.987	ug/l	99
70) Isopropylbenzene	12.694	105	184077	19.781	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	57515	17.426	ug/l	97
72) 1,2,3-Trichloropropane	12.988	75	52061m	18.533	ug/l	
73) Bromobenzene	12.976	156	43334	18.850	ug/l	96
74) n-propylbenzene	13.029	91	221693	19.123	ug/l	99
75) 2-Chlorotoluene	13.123	91	134505	19.259	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	152226	19.171	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	18868	16.435	ug/l	97
78) 4-Chlorotoluene	13.217	91	133506	18.801	ug/l	99
79) tert-butylbenzene	13.435	119	125691	19.356	ug/l	99
80) 1,2,4-Trimethylbenzene	13.476	105	155304	19.650	ug/l	100
81) sec-Butylbenzene	13.611	105	182710	19.489	ug/l	98
82) p-Isopropyltoluene	13.723	119	148838	19.277	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	80555	18.789	ug/l	98
84) 1,4-Dichlorobenzene	13.806	146	78237	18.862	ug/l	96
85) n-Butylbenzene	14.053	91	124250	18.640	ug/l	100
86) Hexachloroethane	14.329	117	31006	18.706	ug/l	98
87) 1,2-Dichlorobenzene	14.100	146	76243	18.718	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10409	17.276	ug/l	97
89) 1,2,4-Trichlorobenzene	15.835	180	37156	19.254	ug/l	99
90) Hexachlorobutadiene	15.494	225	18708	19.449	ug/l	91
91) Naphthalene	15.635	128	104996	16.934	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	37156	19.254	ug/l	99

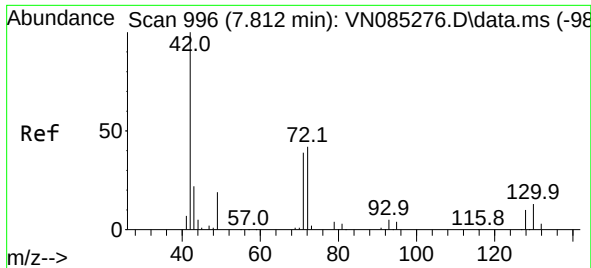
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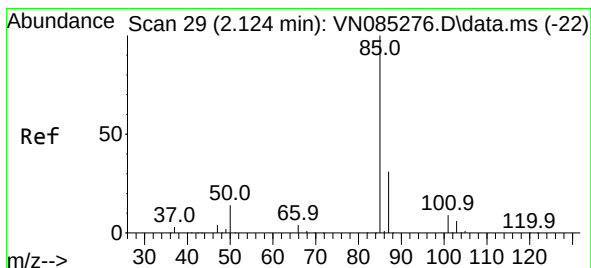
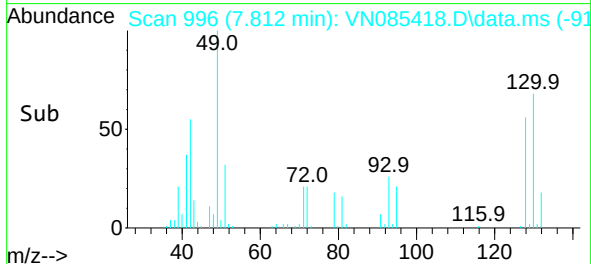
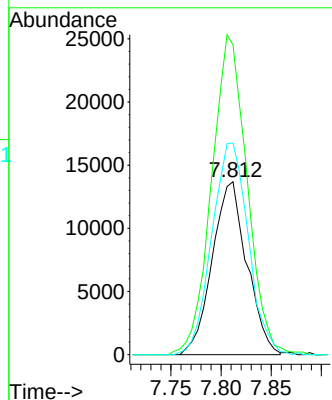
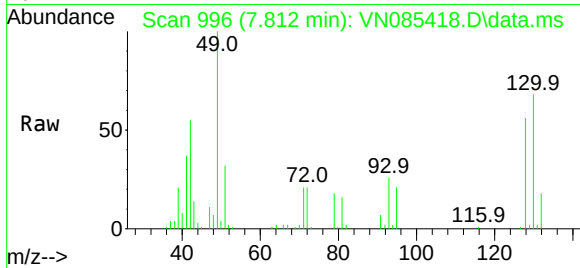




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN085418.D
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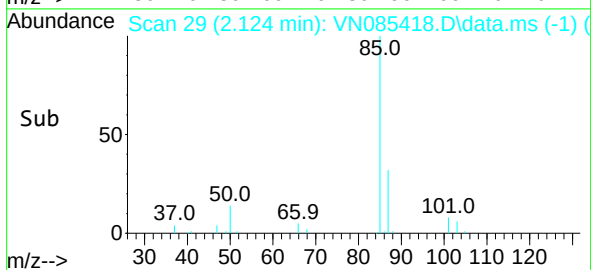
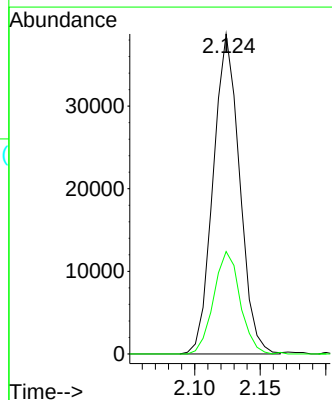
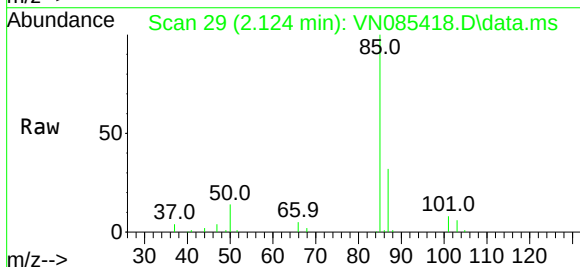
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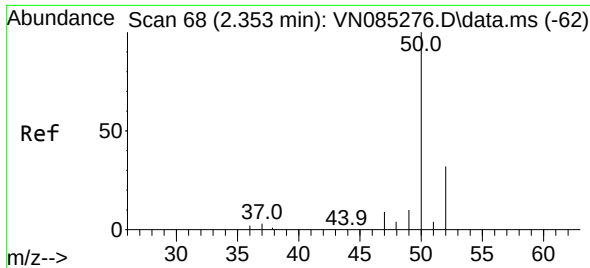
Tgt Ion:128 Resp: 32951
 Ion Ratio Lower Upper
 128 100
 49 188.7 0.0 497.8
 130 128.4 0.0 328.5



#2
 Dichlorodifluoromethane
 Concen: 19.669 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VN085418.D
 Acq: 10 Jan 2025 10:56

Tgt Ion: 85 Resp: 54190
 Ion Ratio Lower Upper
 85 100
 87 32.0 16.5 49.5

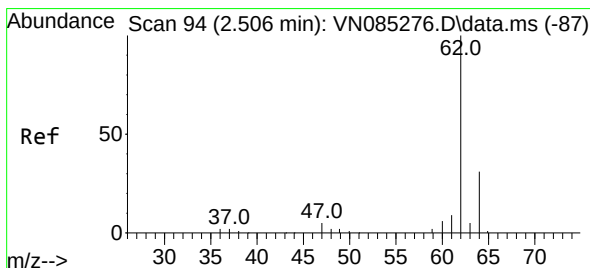
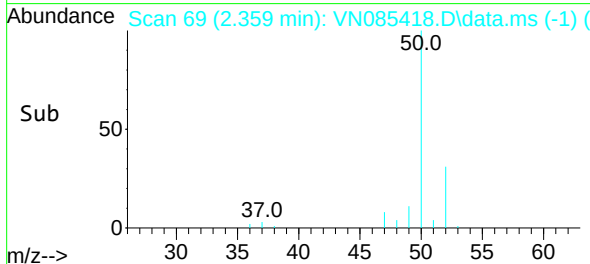
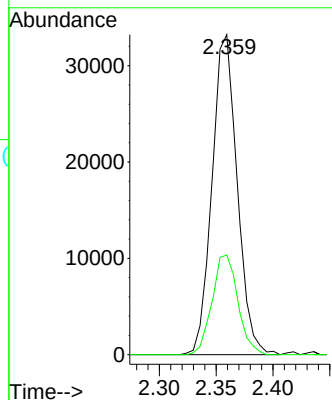
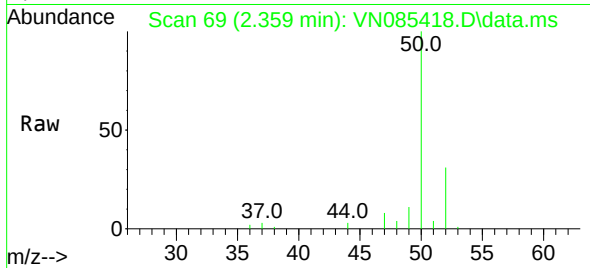




#3
Chloromethane
Concen: 18.387 ug/l
RT: 2.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

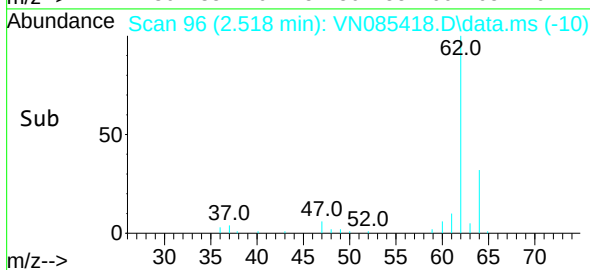
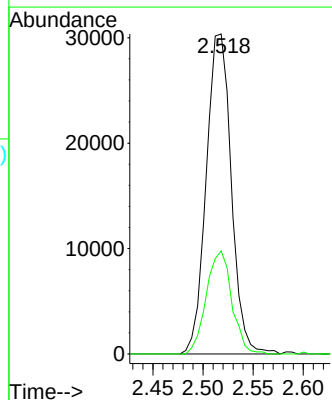
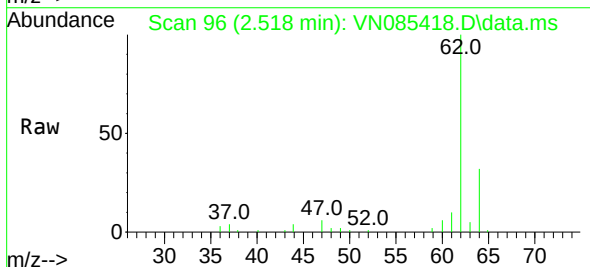
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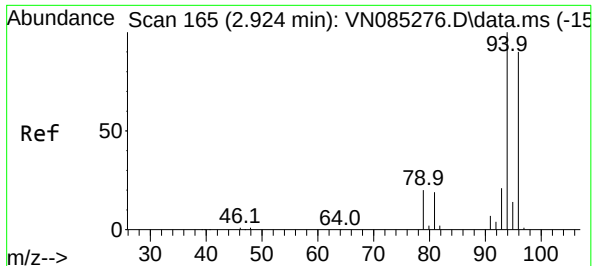
Tgt Ion: 50 Resp: 51148
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7



#4
Vinyl Chloride
Concen: 18.729 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 62 Resp: 52902
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.4

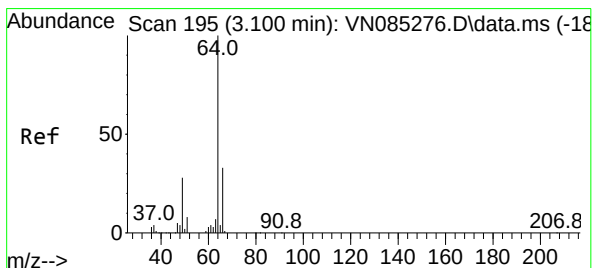
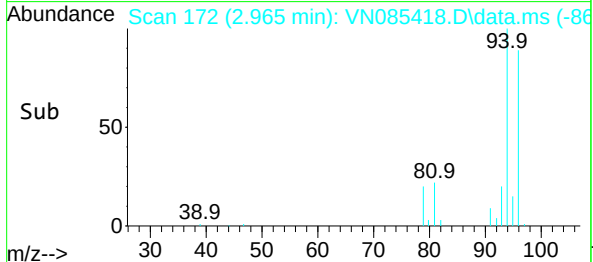
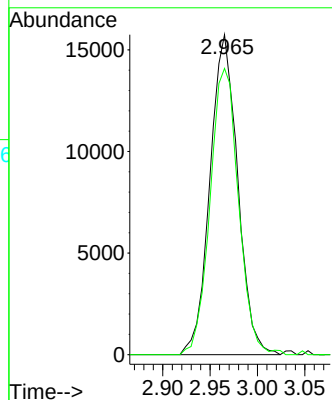
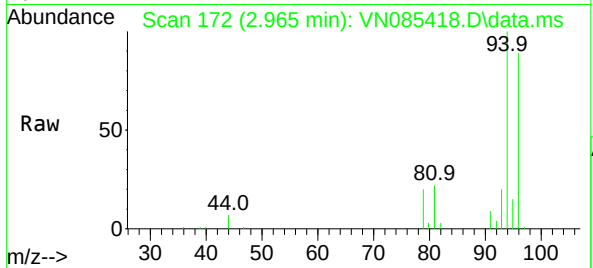




#5
Bromomethane
Concen: 19.409 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

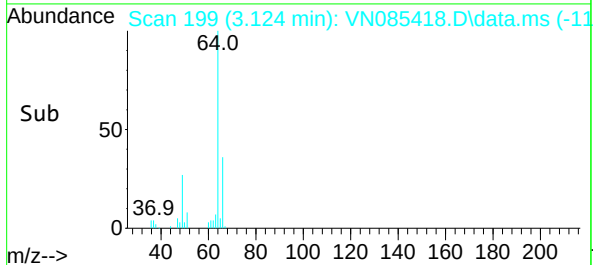
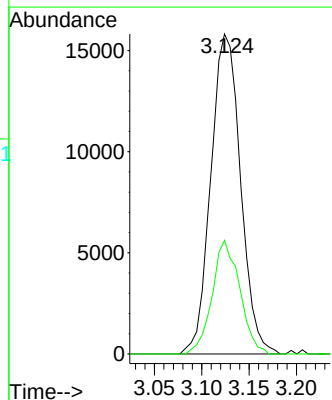
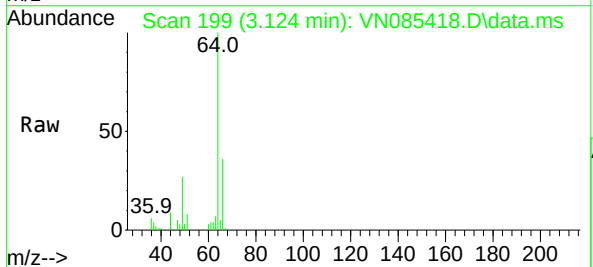
Instrument :
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ClientSampleId :
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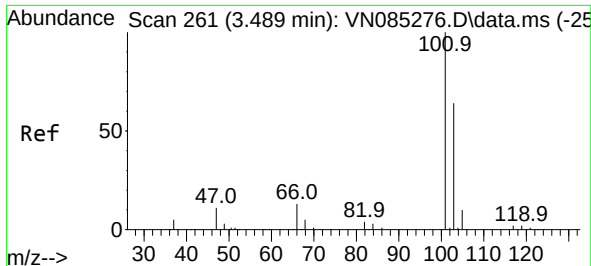
Tgt Ion: 94 Resp: 32048
Ion Ratio Lower Upper
94 100
96 89.4 75.6 113.4



#6
Chloroethane
Concen: 19.365 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 64 Resp: 34528
Ion Ratio Lower Upper
64 100
66 35.5 22.2 33.4#

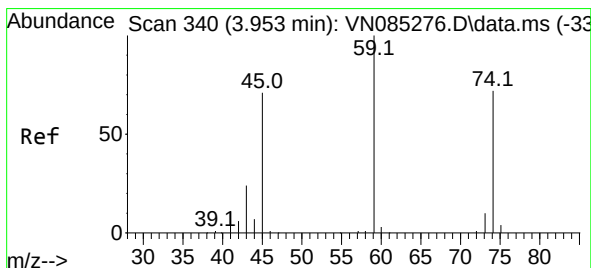
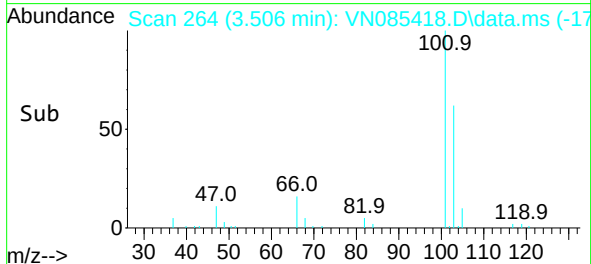
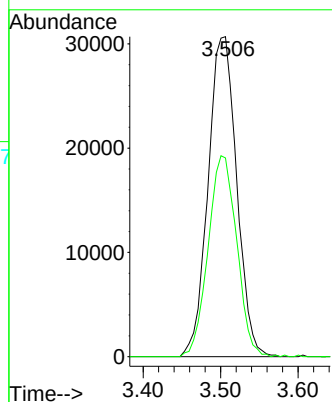
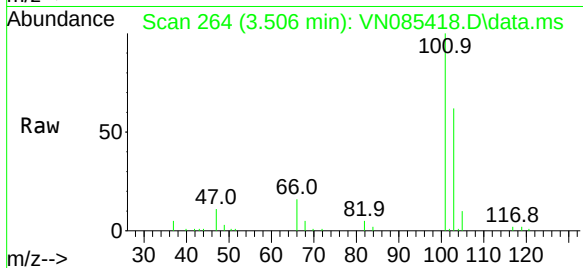




#7
 Trichlorofluoromethane
 Concen: 20.319 ug/l
 RT: 3.506 min Scan# 2
 Delta R.T. 0.006 min
 Lab File: VN085418.D
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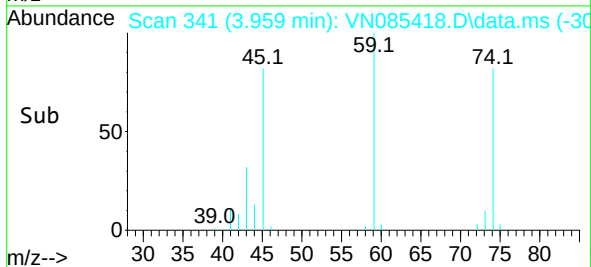
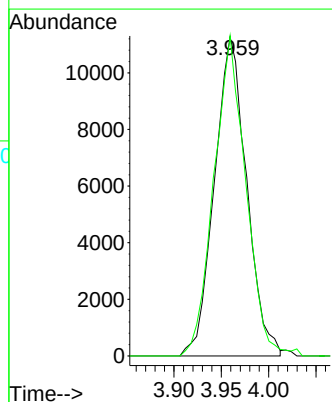
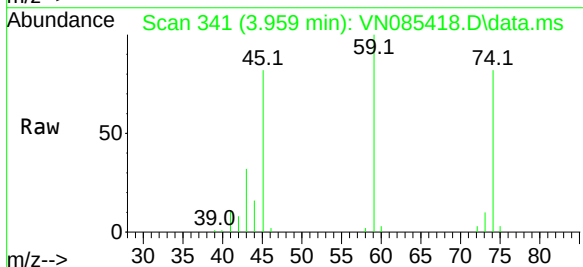
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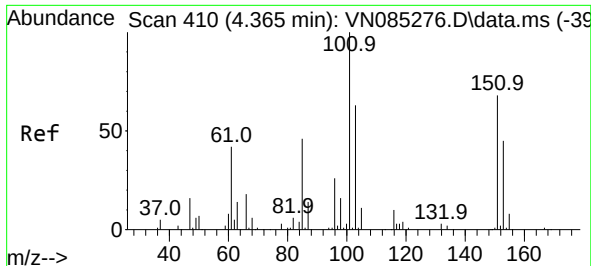
Tgt Ion:101 Resp: 78848
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.6 78.8



#8
 Diethyl Ether
 Concen: 19.918 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085418.D
 Acq: 10 Jan 2025 10:56

Tgt Ion: 74 Resp: 26619
 Ion Ratio Lower Upper
 74 100
 45 99.2 20.8 187.6

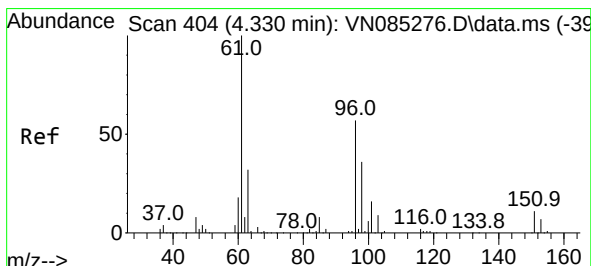
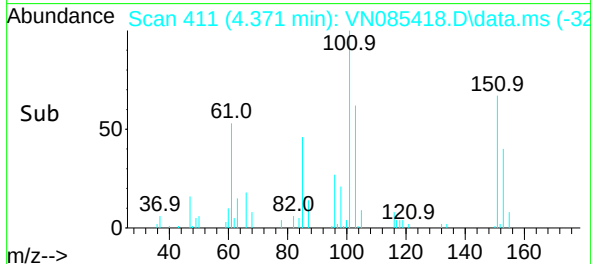
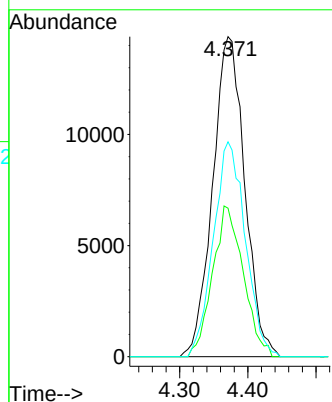
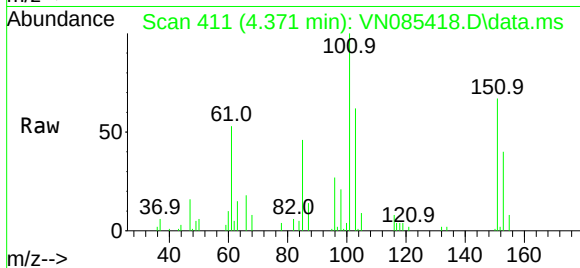




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.144 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
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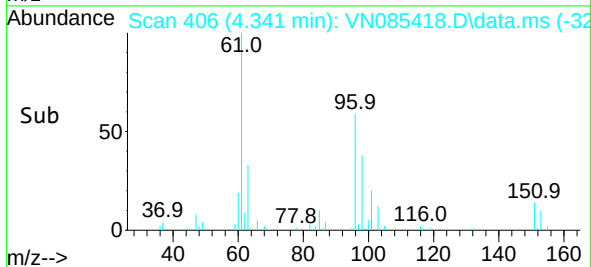
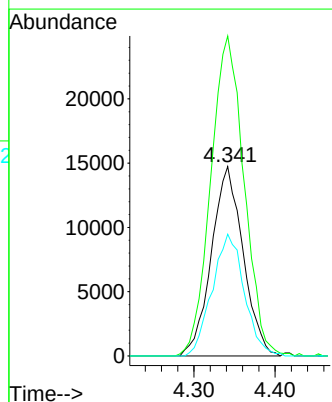
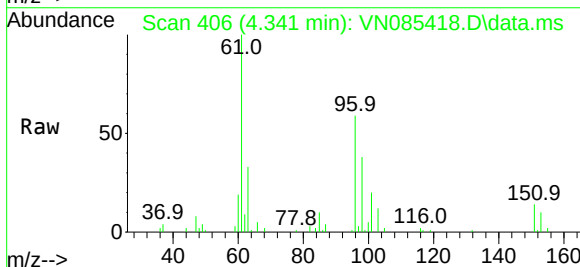
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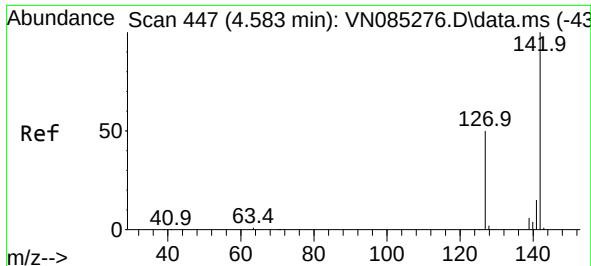
Tgt Ion:101 Resp: 47115
Ion Ratio Lower Upper
101 100
85 45.0 0.0 96.6
151 66.9 0.0 147.4



#10
1,1-Dichloroethene
Concen: 19.639 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 96 Resp: 39977
Ion Ratio Lower Upper
96 100
61 167.8 145.9 218.9
98 64.3 51.9 77.9

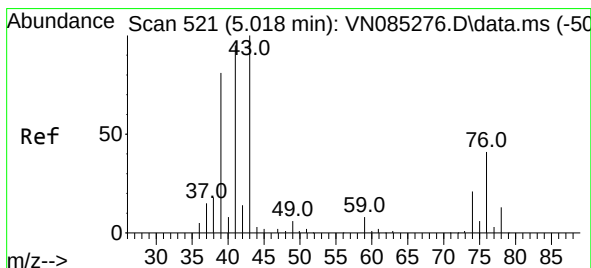
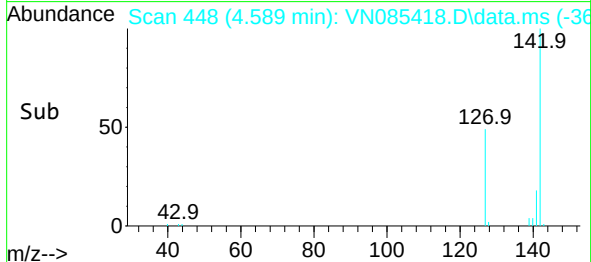
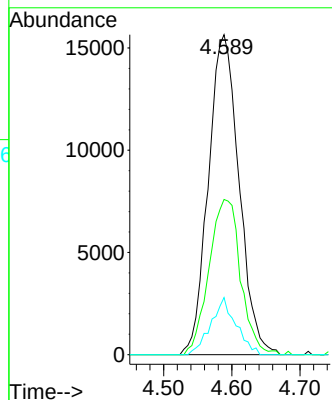
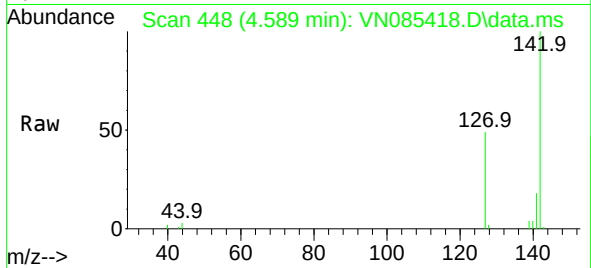




#11
Methyl Iodide
Concen: 20.092 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

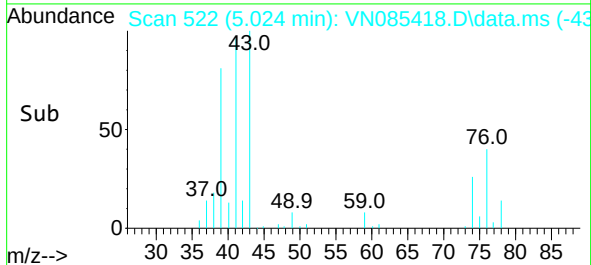
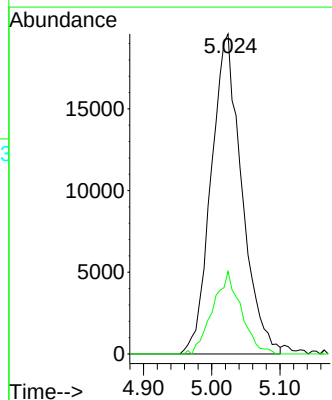
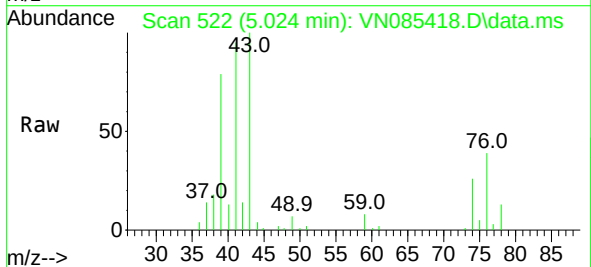
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

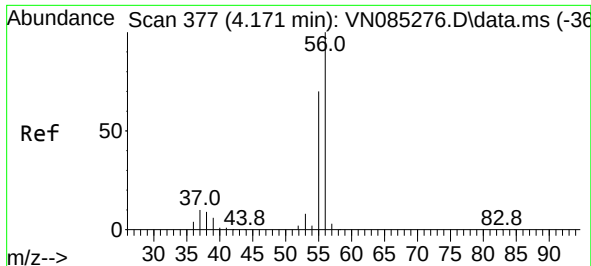
Tgt Ion:142 Resp: 49017
Ion Ratio Lower Upper
142 100
127 48.5 25.1 75.4
141 17.9 6.9 20.7



#12
Methyl Acetate
Concen: 20.141 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 43 Resp: 61229
Ion Ratio Lower Upper
43 100
74 26.1 20.5 30.7

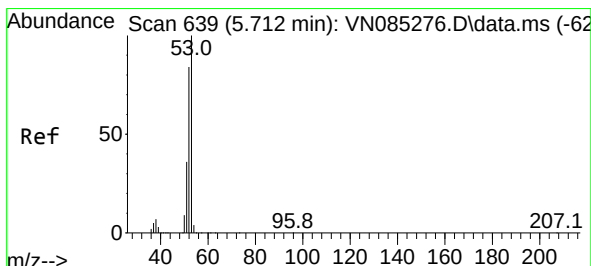
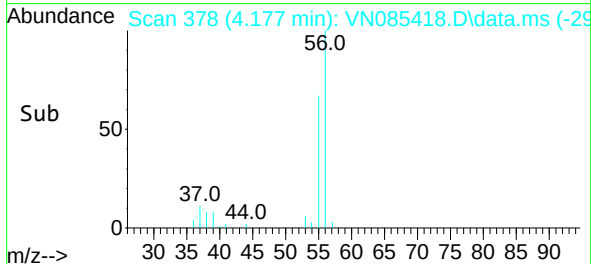
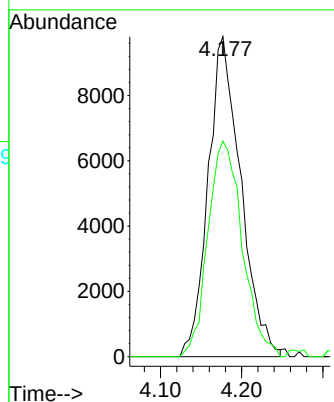
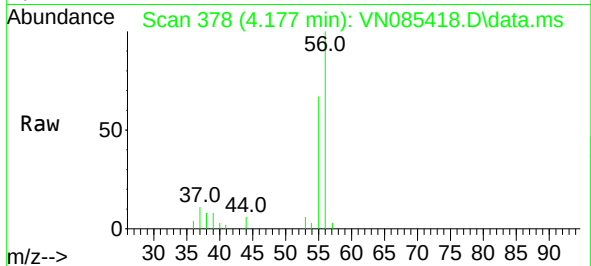




#13
Acrolein
Concen: 100.968 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

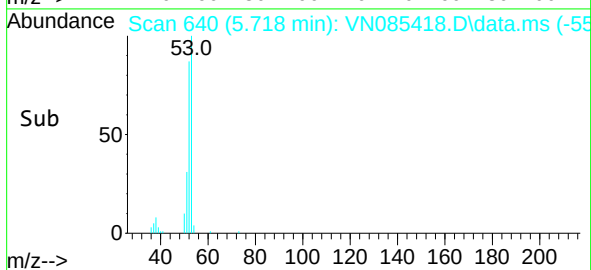
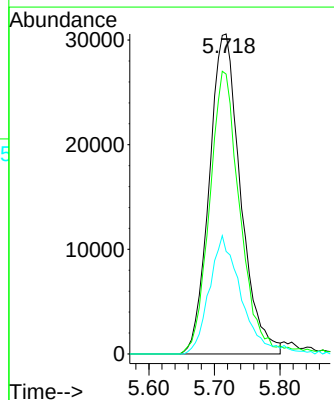
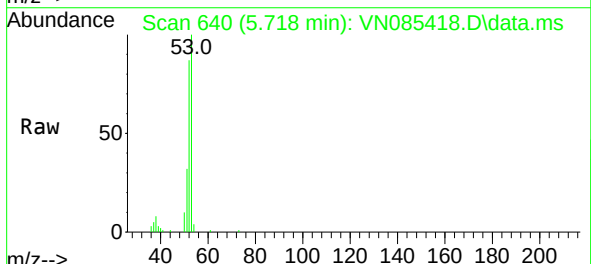
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

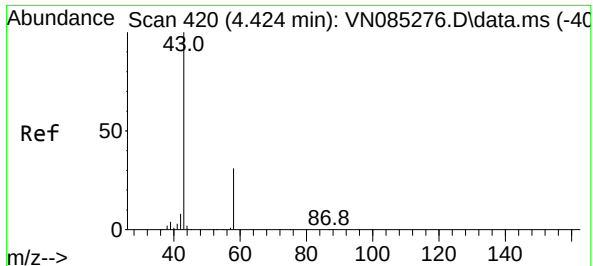
Tgt Ion: 56 Resp: 27401
Ion Ratio Lower Upper
56 100
55 70.8 56.8 85.2



#14
Acrylonitrile
Concen: 86.217 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 53 Resp: 101371
Ion Ratio Lower Upper
53 100
52 84.5 41.6 124.8
51 37.0 18.1 54.4

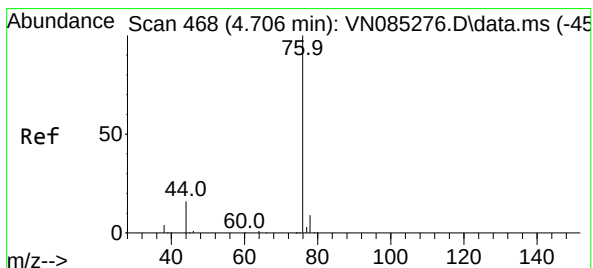
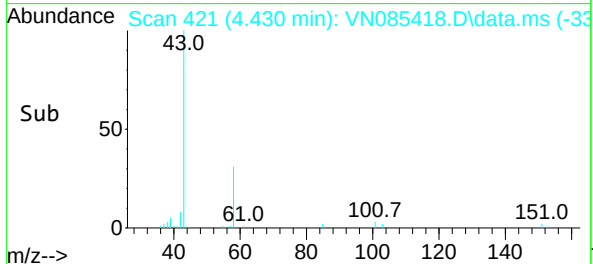
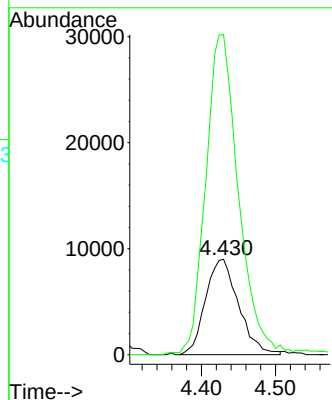
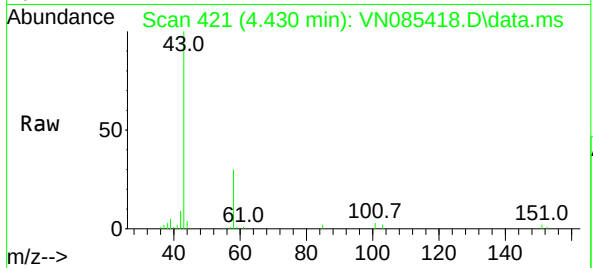




#15
Acetone
Concen: 94.263 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

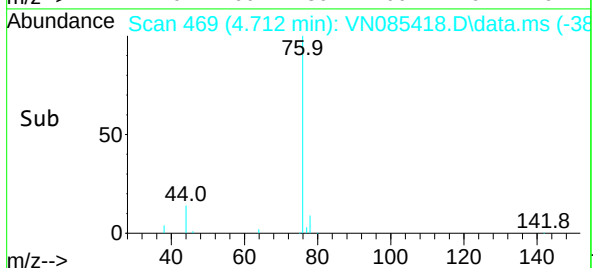
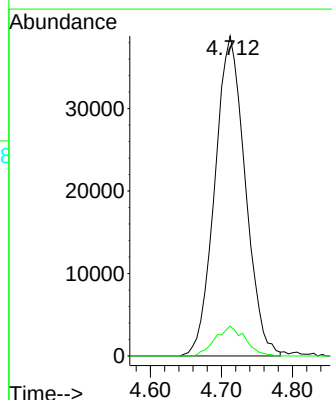
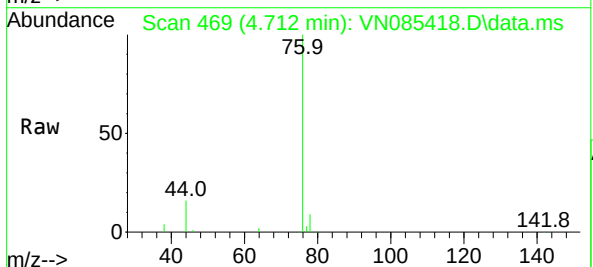
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

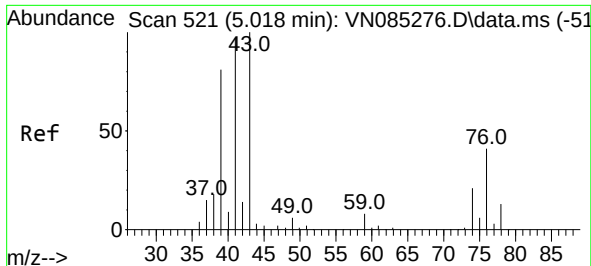
Tgt Ion: 58 Resp: 27958
Ion Ratio Lower Upper
58 100
43 333.3 258.8 388.2



#16
Carbon Disulfide
Concen: 18.645 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 76 Resp: 115368
Ion Ratio Lower Upper
76 100
78 9.4 6.6 9.8





#17

Allyl chloride

Concen: 19.301 ug/l

RT: 5.018 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

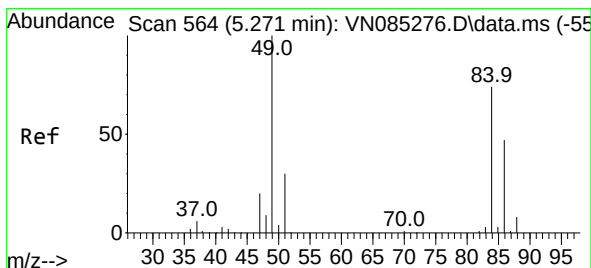
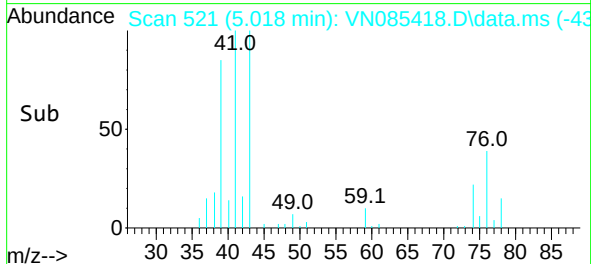
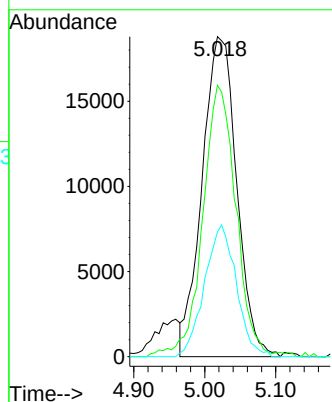
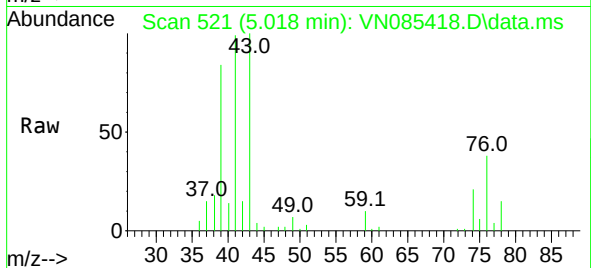
Tgt Ion: 41 Resp: 63558

Ion Ratio Lower Upper

41 100

39 83.4 41.3 124.1

76 39.1 19.5 58.5



#18

Methylene Chloride

Concen: 19.546 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

Tgt Ion: 84 Resp: 47412

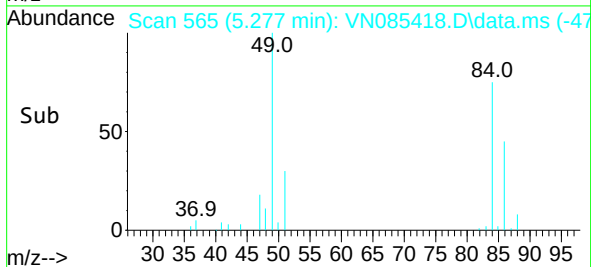
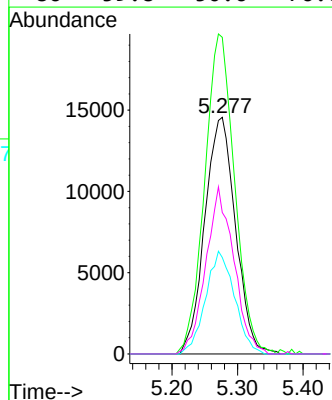
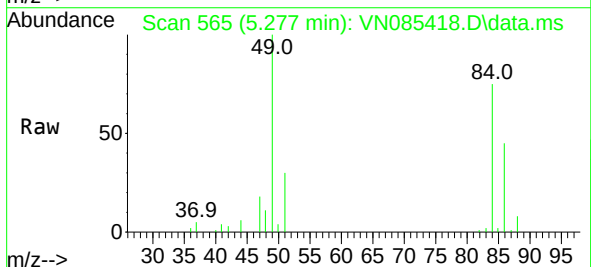
Ion Ratio Lower Upper

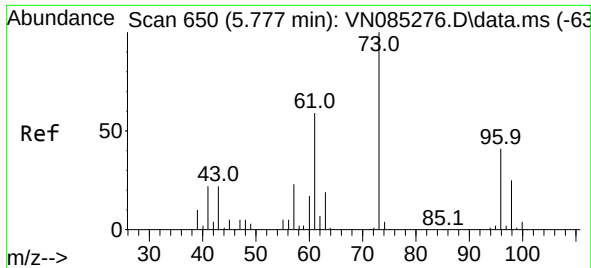
84 100

49 132.0 104.9 157.3

51 40.8 30.2 45.4

86 59.8 50.6 76.0

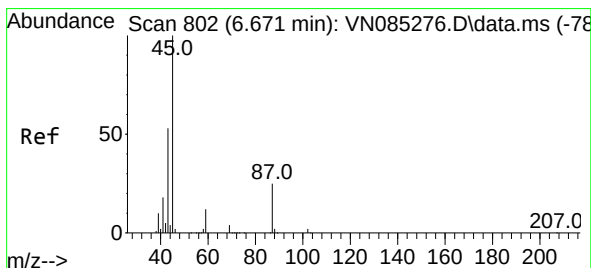
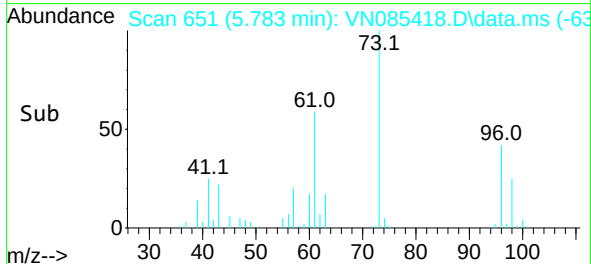
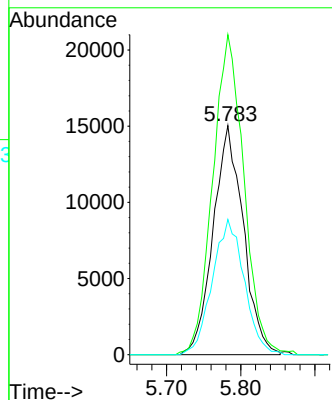
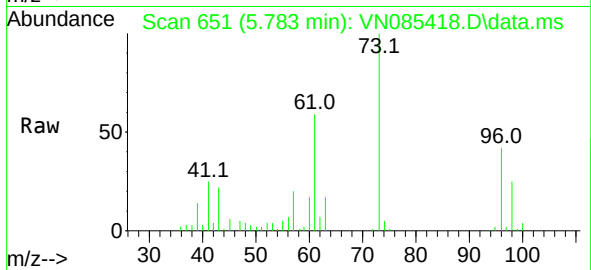




#19
trans-1,2-Dichloroethene
Concen: 20.086 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

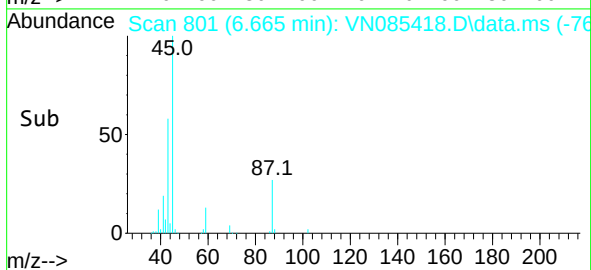
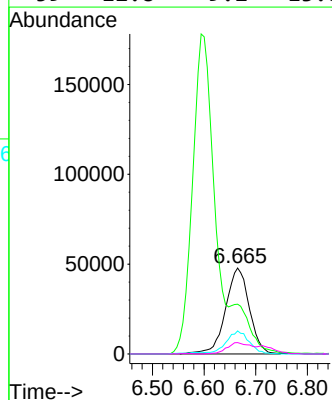
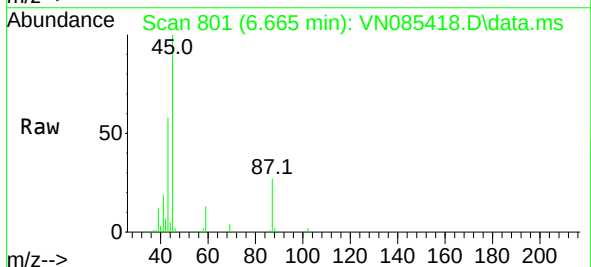
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

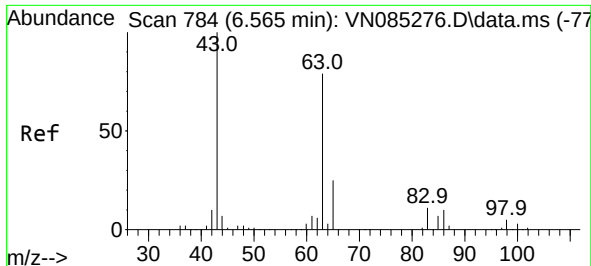
Tgt Ion: 96 Resp: 42526
Ion Ratio Lower Upper
96 100
61 138.5 124.2 186.4
98 59.0 51.0 76.4



#20
Diisopropyl ether
Concen: 20.237 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 45 Resp: 152725
Ion Ratio Lower Upper
45 100
43 56.3 46.6 69.8
87 26.9 22.3 33.5
59 12.8 9.2 13.8





#21

1,1-Dichloroethane

Concen: 20.150 ug/l

RT: 6.559 min Scan# 71

Delta R.T. -0.006 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

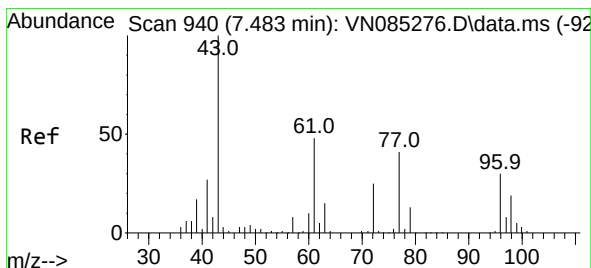
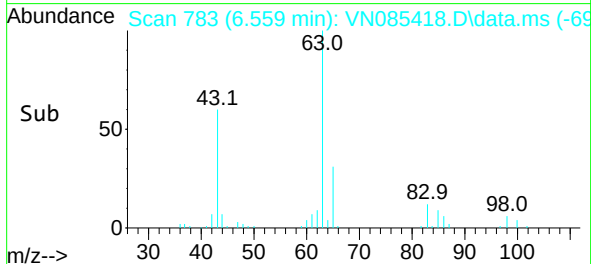
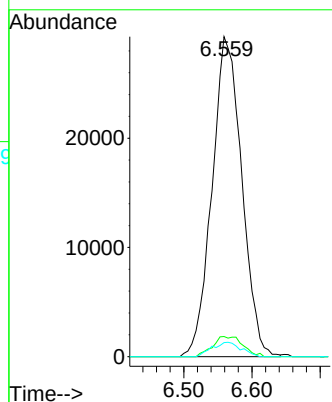
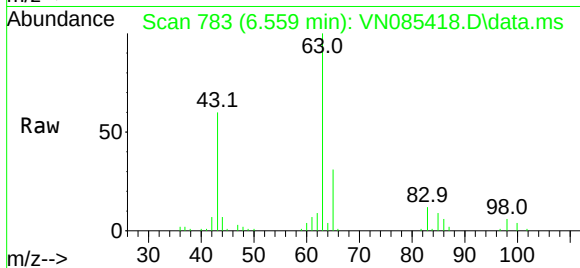
Tgt Ion: 63 Resp: 88899

Ion Ratio Lower Upper

63 100

98 6.3 2.4 7.1

100 4.4 2.1 6.3



#22

cis-1,2-Dichloroethene

Concen: 20.120 ug/l

RT: 7.477 min Scan# 939

Delta R.T. -0.006 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

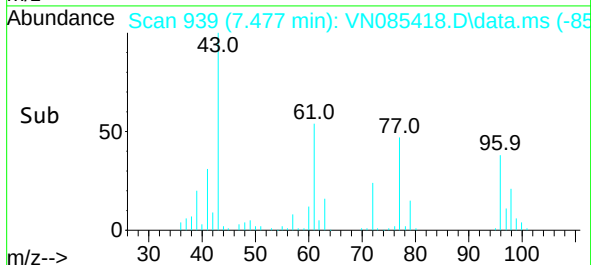
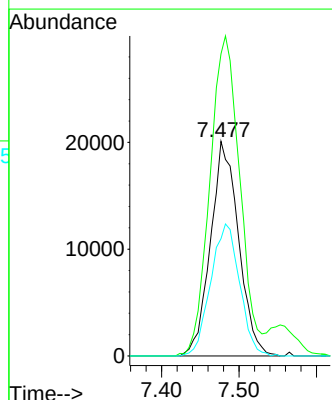
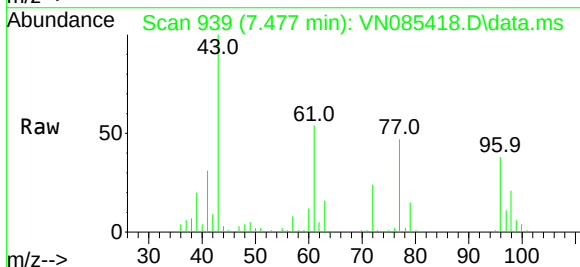
Tgt Ion: 96 Resp: 50725

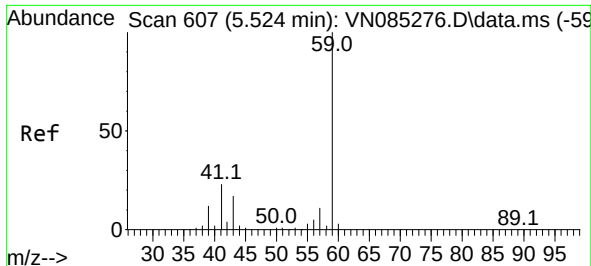
Ion Ratio Lower Upper

96 100

61 158.0 128.1 192.1

98 63.2 52.7 79.1

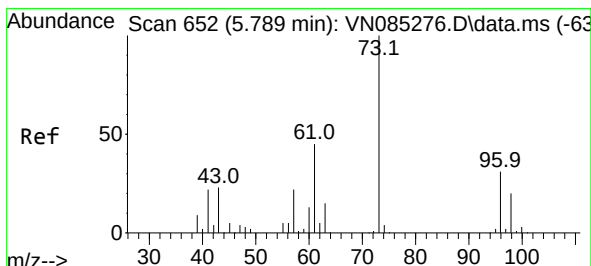
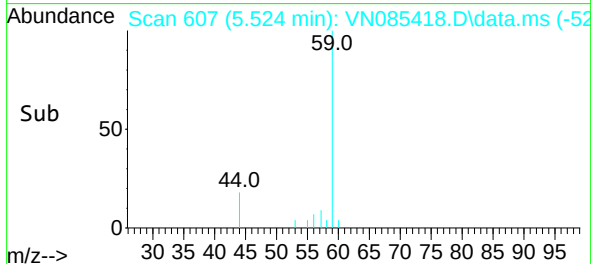
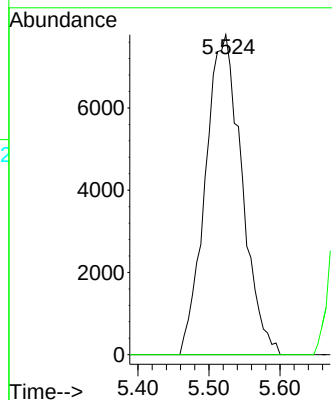
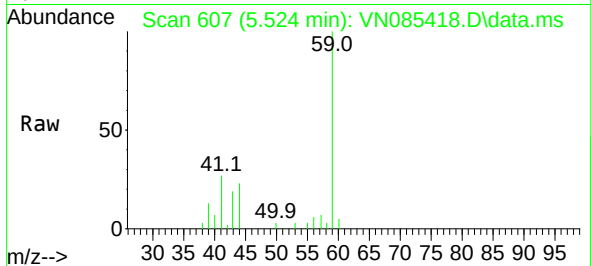




#23
tert-Butyl Alcohol
Concen: 71.457 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

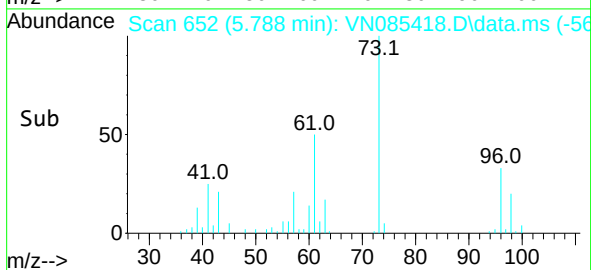
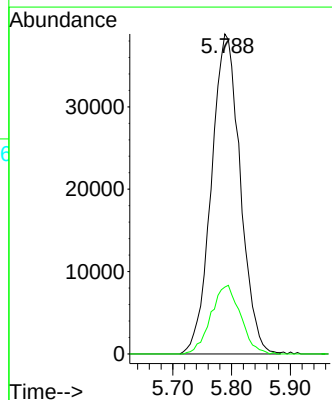
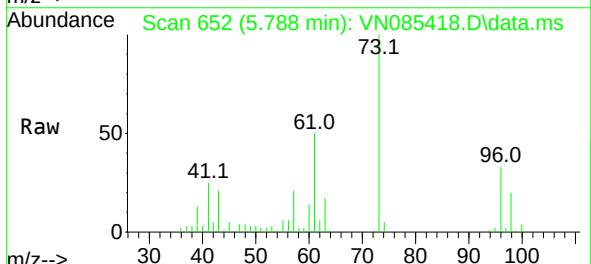
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

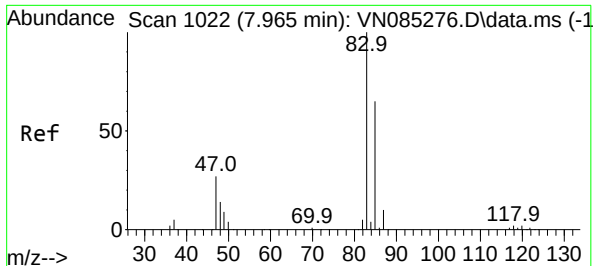
Tgt Ion: 59 Resp: 27689
Ion Ratio Lower Upper
59 100
52 309.5 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 19.810 ug/l
RT: 5.788 min Scan# 652
Delta R.T. -0.012 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 73 Resp: 132360
Ion Ratio Lower Upper
73 100
43 22.0 18.6 27.8





#25

Chloroform

Concen: 19.814 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

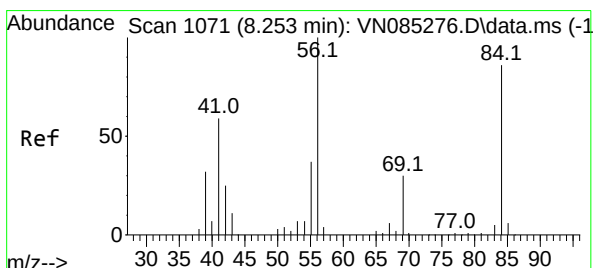
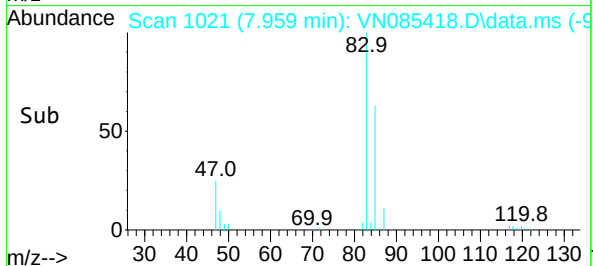
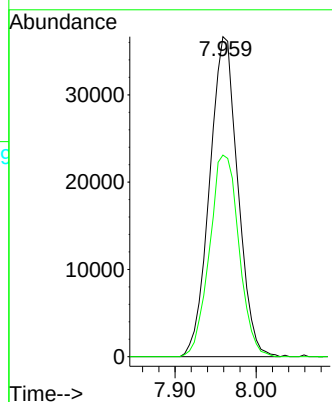
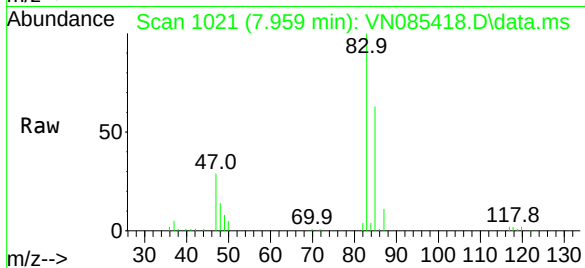
VSTDCCC020

Tgt Ion: 83 Resp: 88615

Ion Ratio Lower Upper

83 100

85 63.0 52.0 78.0



#26

Cyclohexane

Concen: 20.142 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

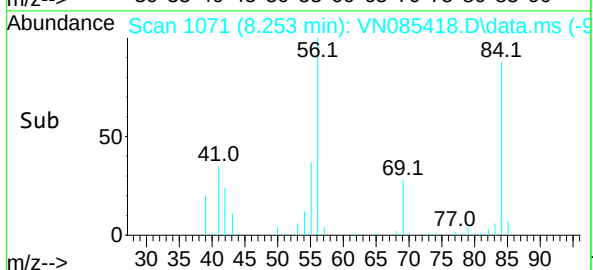
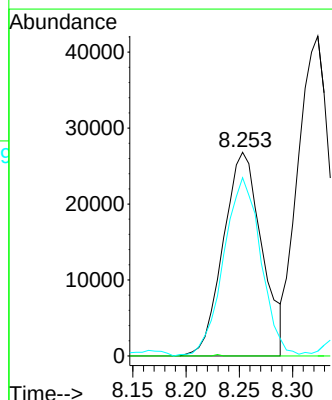
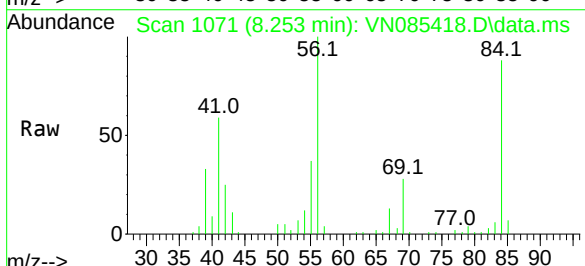
Tgt Ion: 56 Resp: 67755

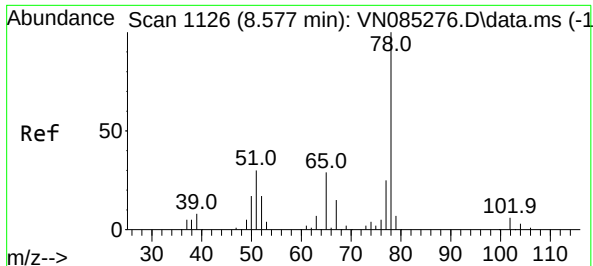
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.1 67.6 101.4

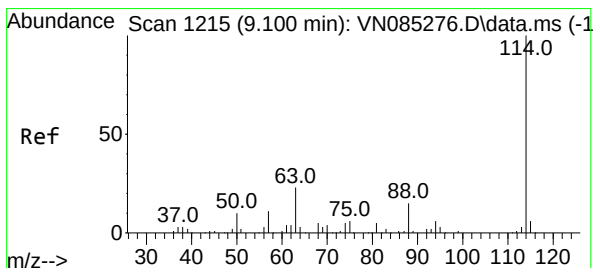
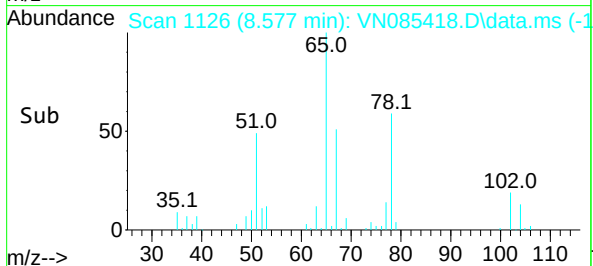
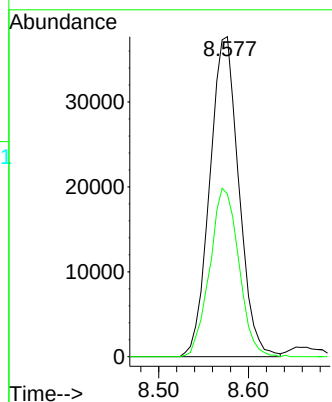
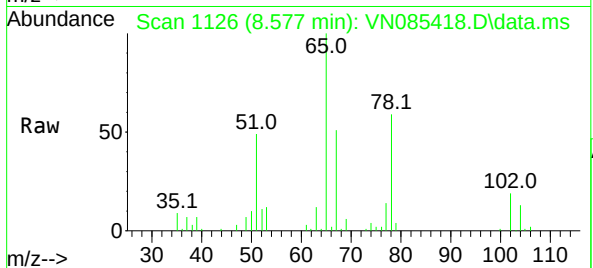




#27
1,2-Dichloroethane-d4
Concen: 29.265 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

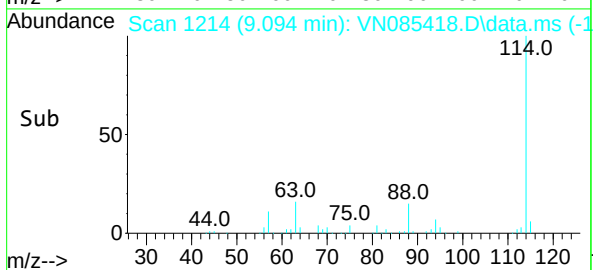
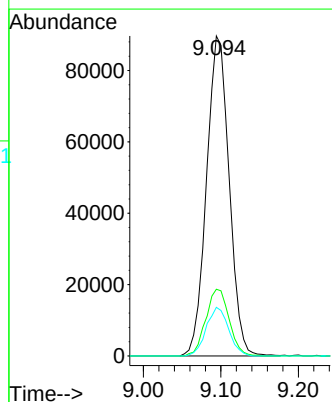
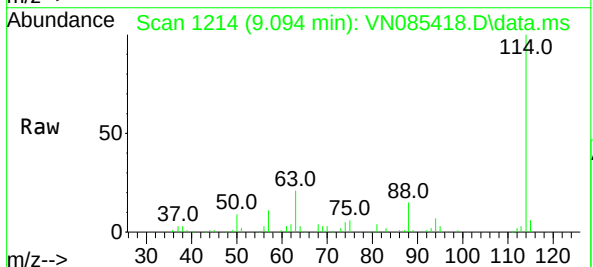
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

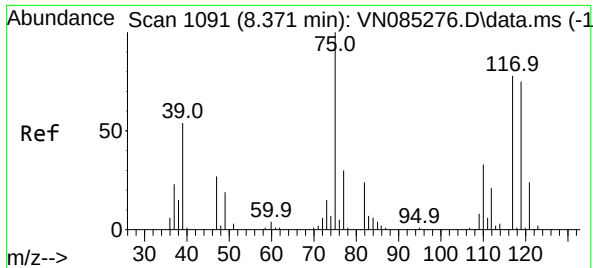
Tgt Ion: 65 Resp: 84830
Ion Ratio Lower Upper
65 100
67 52.5 42.0 63.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 114 Resp: 181970
Ion Ratio Lower Upper
114 100
63 21.4 18.0 27.0
88 15.1 12.9 19.3

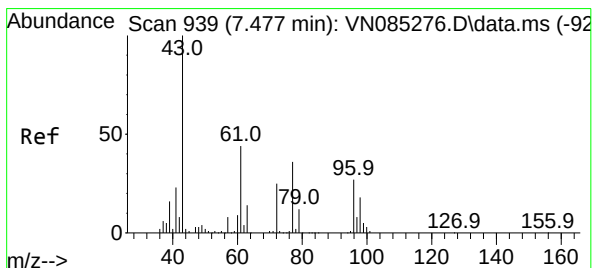
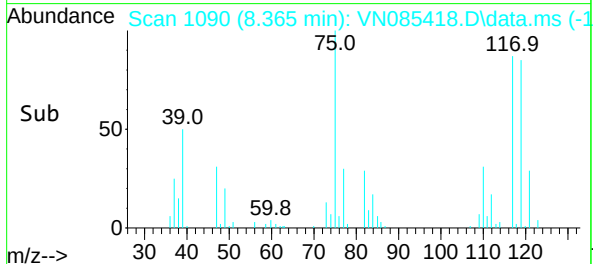
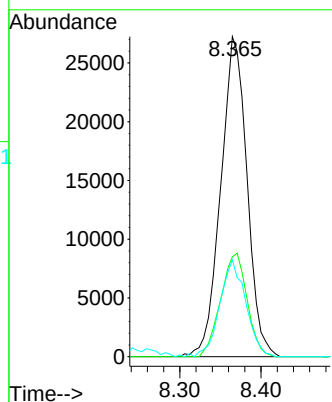
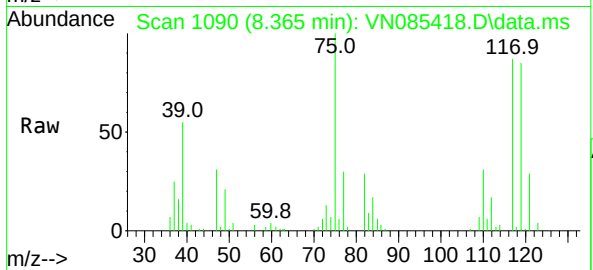




#29
1,1-Dichloropropene
Concen: 19.399 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

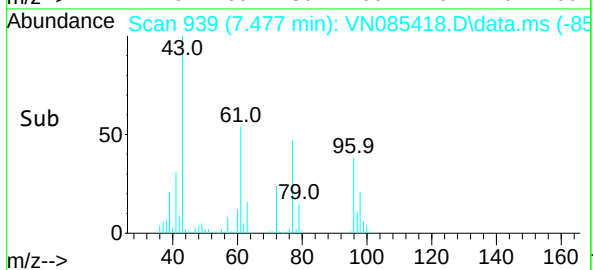
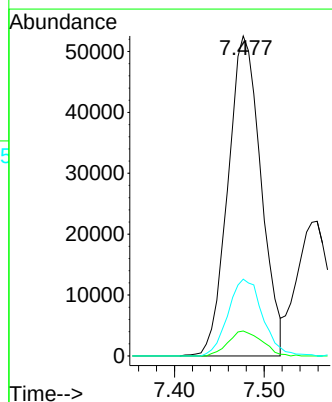
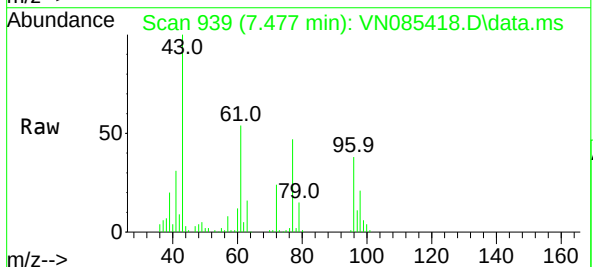
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

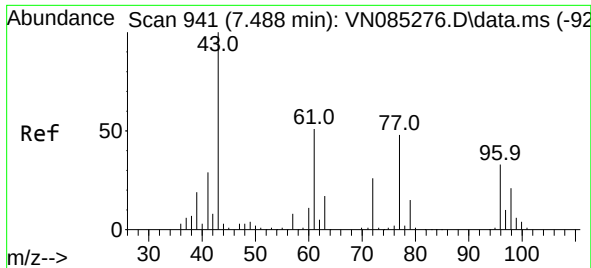
Tgt Ion: 75	Resp: 61289
Ion Ratio	Lower Upper
75 100	
110 32.5	0.0 64.8
77 29.7	0.0 60.8



#30
2-Butanone
Concen: 80.645 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 43	Resp: 134491
Ion Ratio	Lower Upper
43 100	
57 7.9	6.2 9.2
72 25.1	19.9 29.9

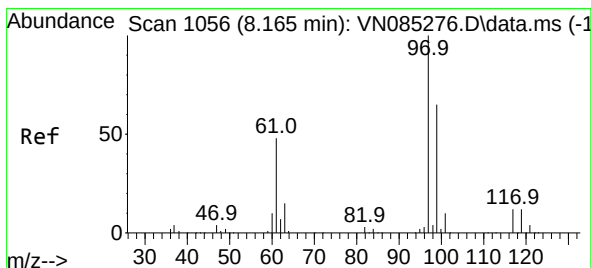
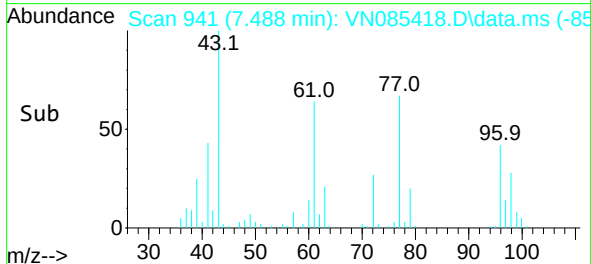
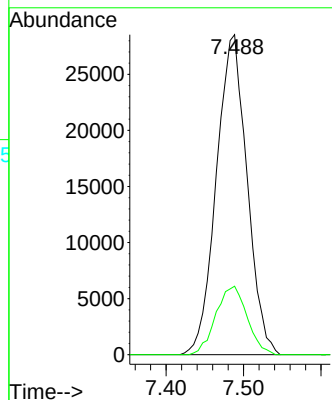
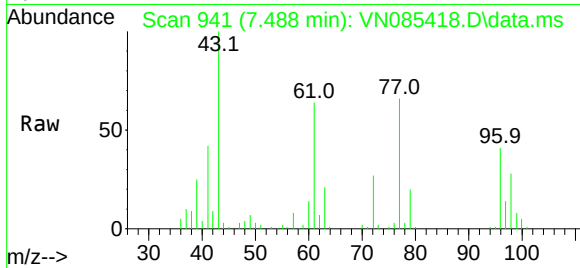




#31
2,2-Dichloropropane
Concen: 19.647 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

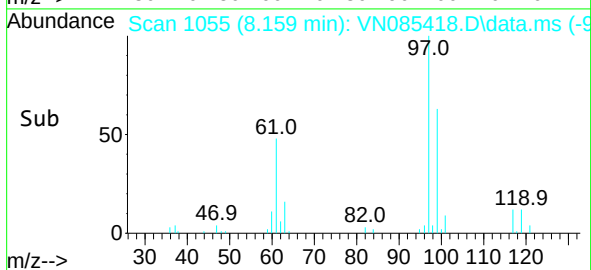
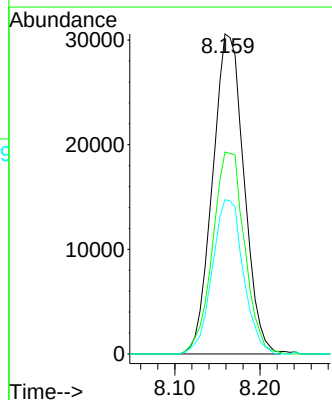
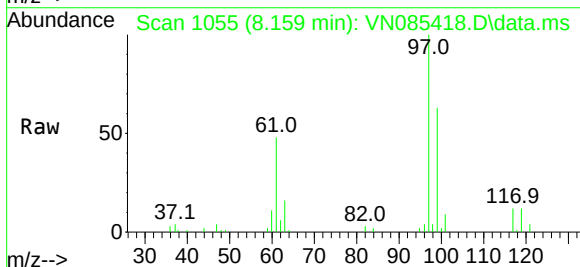
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

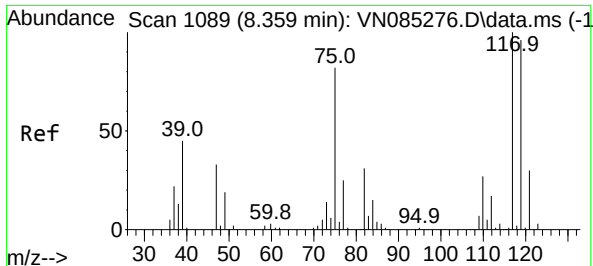
Tgt Ion: 77 Resp: 78656
Ion Ratio Lower Upper
77 100
97 21.8 16.9 25.3



#32
1,1,1-Trichloroethane
Concen: 19.030 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 97 Resp: 78159
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.2
61 47.8 39.8 59.8

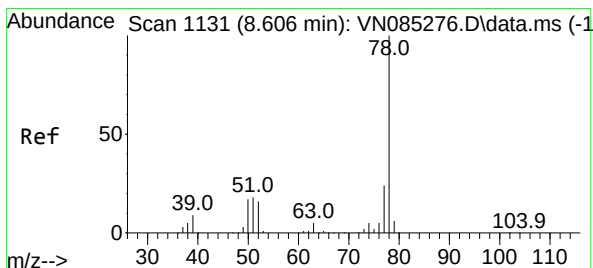
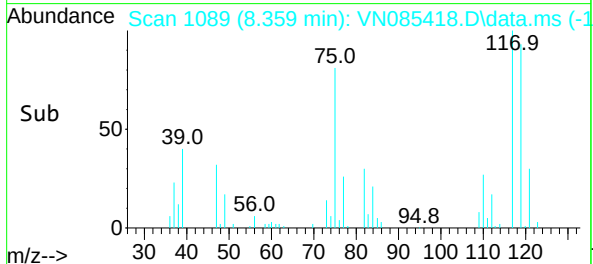
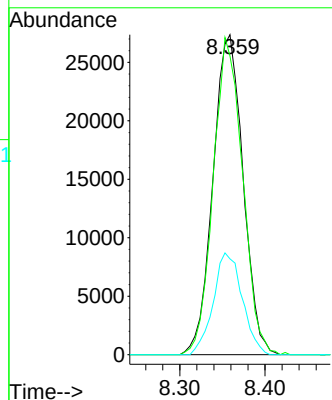
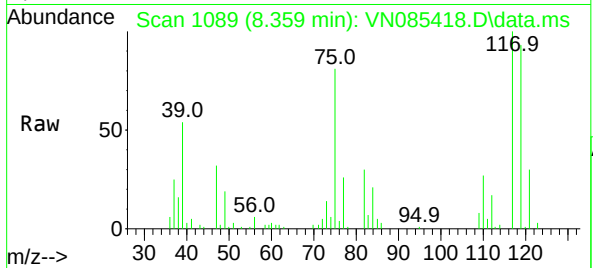




#33
Carbon Tetrachloride
Concen: 18.702 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

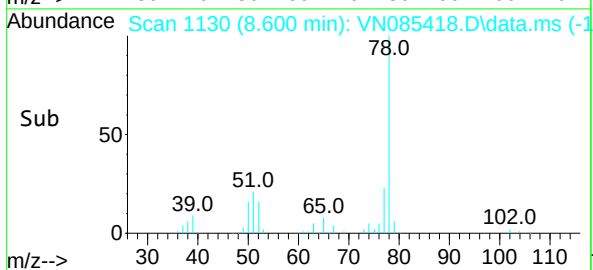
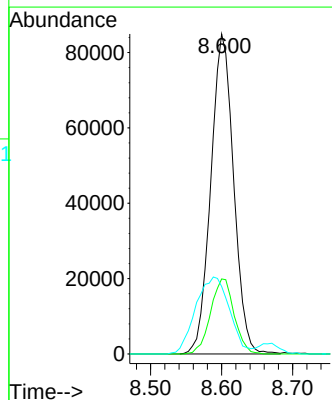
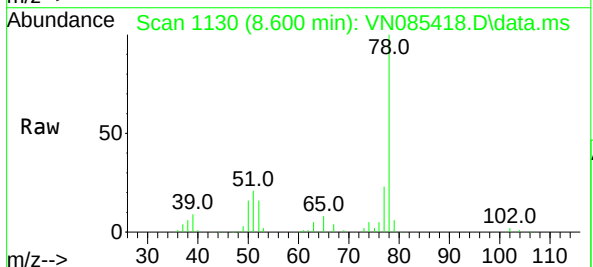
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

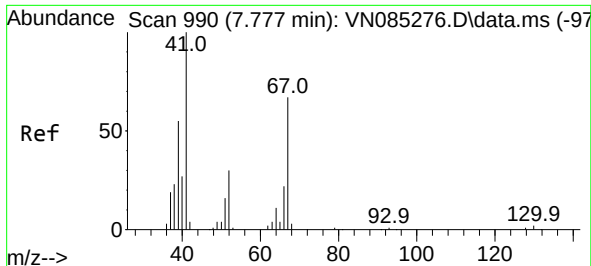
Tgt Ion:117 Resp: 67240
Ion Ratio Lower Upper
117 100
119 93.4 71.6 107.4
121 29.9 23.5 35.3



#34
Benzene
Concen: 18.970 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 78 Resp: 189453
Ion Ratio Lower Upper
78 100
77 23.4 19.3 28.9
51 19.5 14.6 21.8

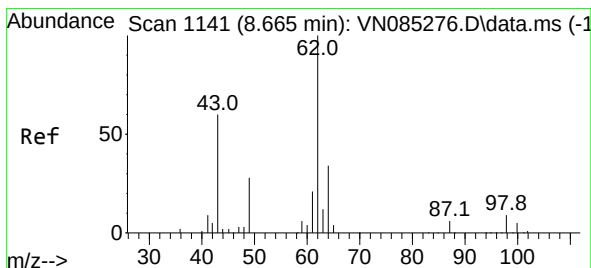
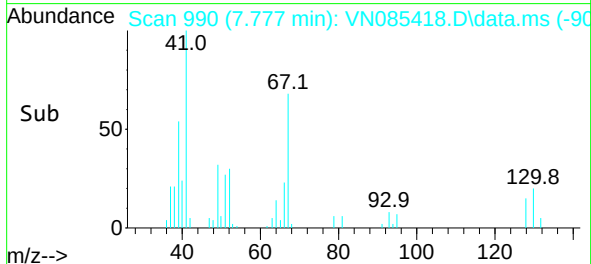
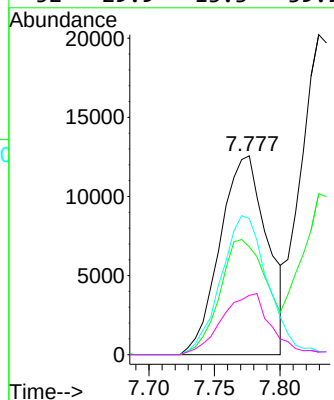
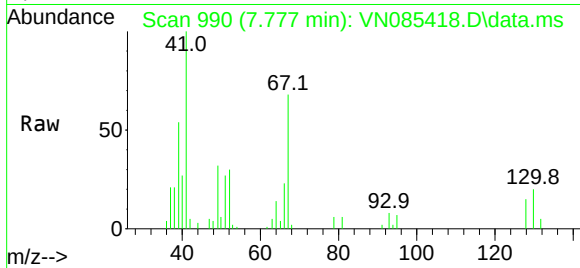




#35
Methacrylonitrile
Concen: 17.107 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

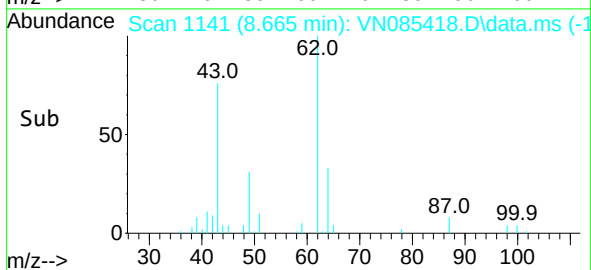
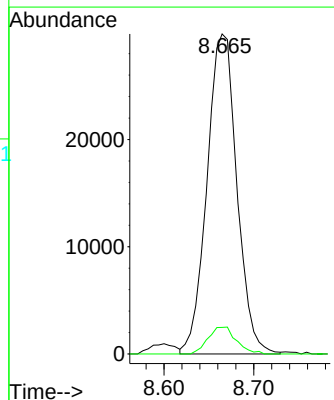
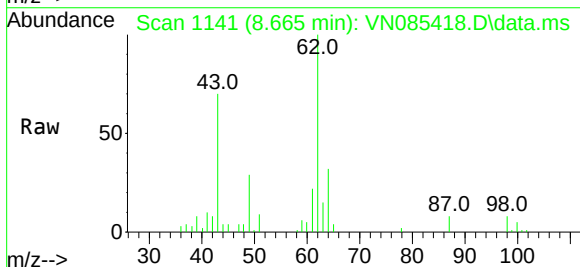
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

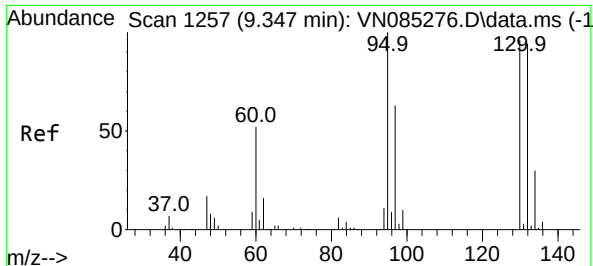
Tgt Ion:	41	Resp:	31581
Ion	Ratio	Lower	Upper
41	100		
39	54.2	26.7	80.0
67	68.4	32.5	97.5
52	29.9	13.3	39.9



#36
1,2-Dichloroethane
Concen: 19.126 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion:	62	Resp:	69072
Ion	Ratio	Lower	Upper
62	100		
98	7.9	6.6	10.0





#37

Trichloroethene

Concen: 19.343 ug/l

RT: 9.347 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

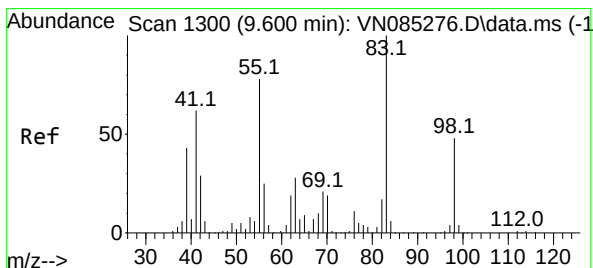
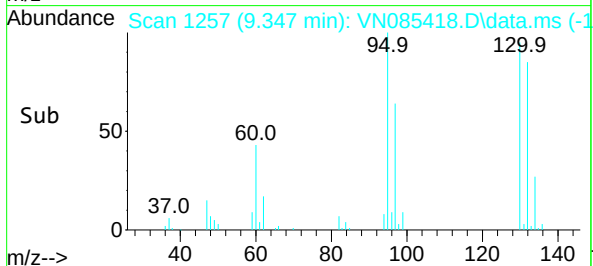
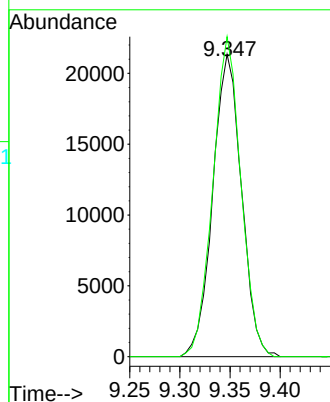
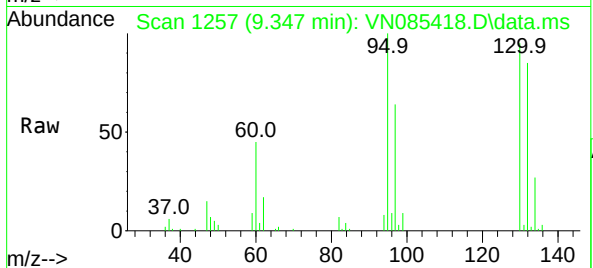
VSTDCCC020

Tgt Ion:130 Resp: 42502

Ion Ratio Lower Upper

130 100

95 105.8 80.0 120.0



#38

Methylcyclohexane

Concen: 18.783 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

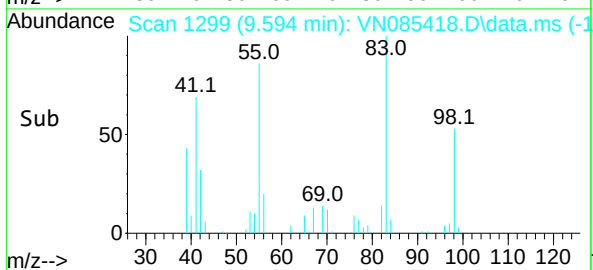
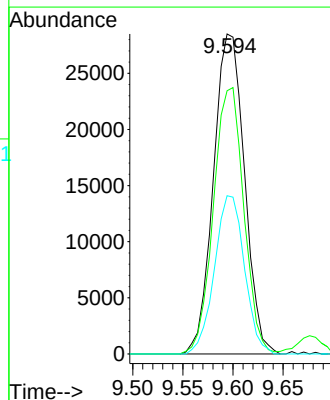
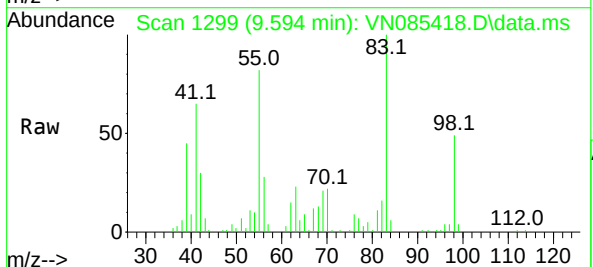
Tgt Ion: 83 Resp: 61410

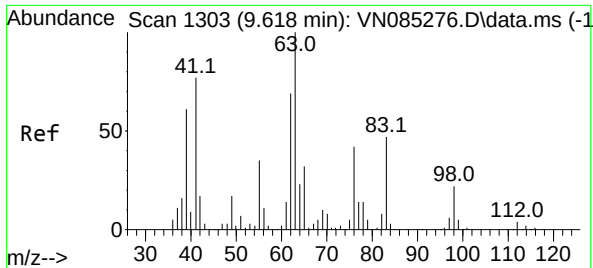
Ion Ratio Lower Upper

83 100

55 81.4 43.6 130.8

98 47.7 24.2 72.6





#39

1,2-Dichloropropane

Concen: 18.635 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

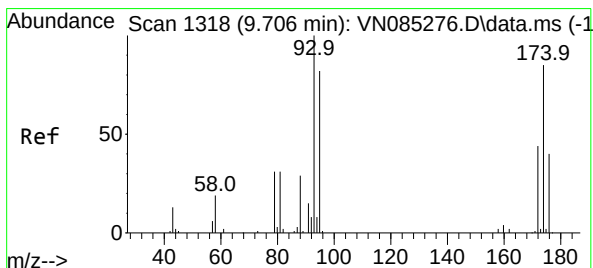
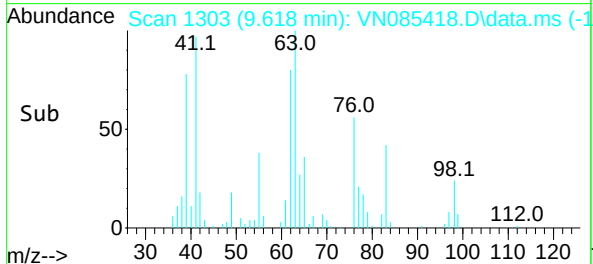
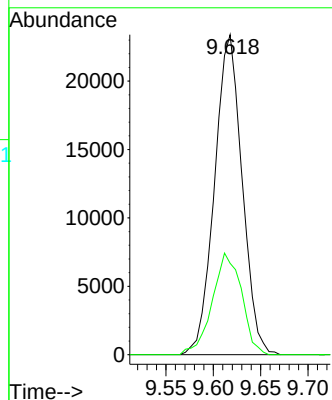
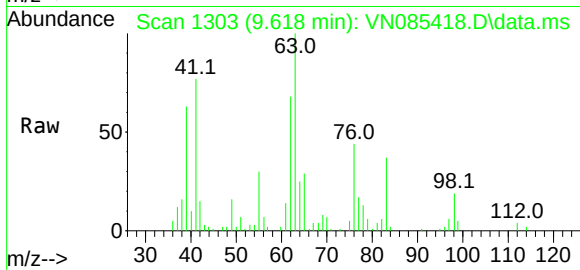
VSTDCCC020

Tgt Ion: 63 Resp: 47348

Ion Ratio Lower Upper

63 100

65 28.5 26.1 39.1



#40

Dibromomethane

Concen: 18.382 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

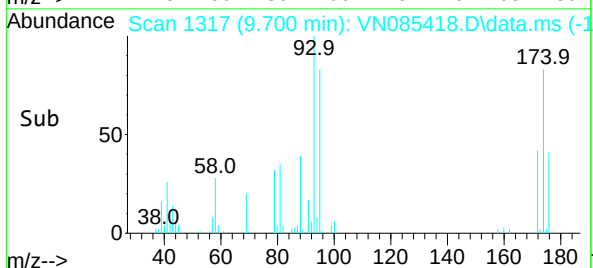
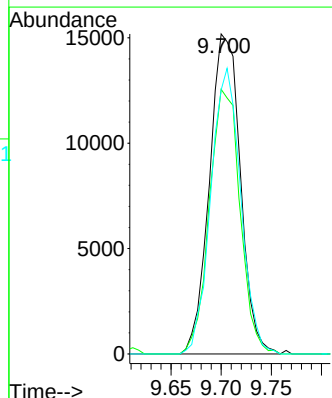
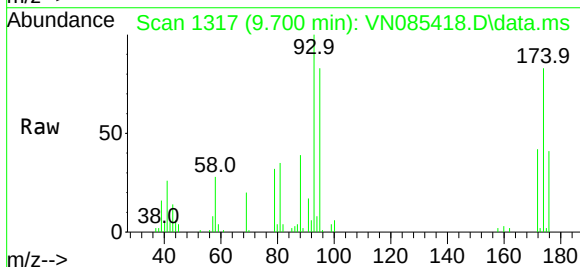
Tgt Ion: 93 Resp: 32564

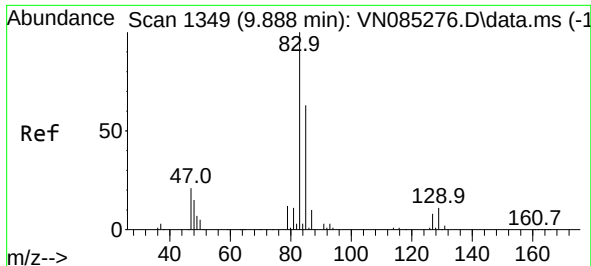
Ion Ratio Lower Upper

93 100

95 82.0 0.0 167.6

174 86.2 0.0 171.0

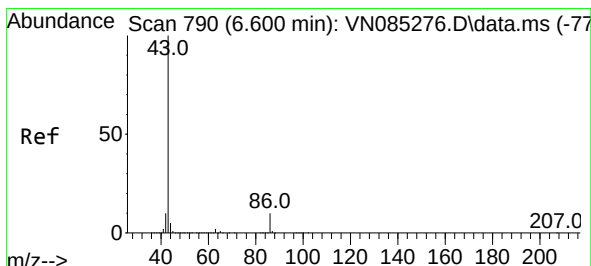
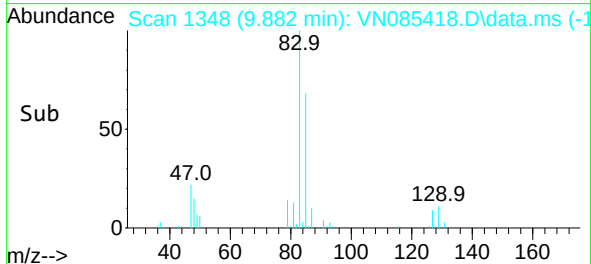
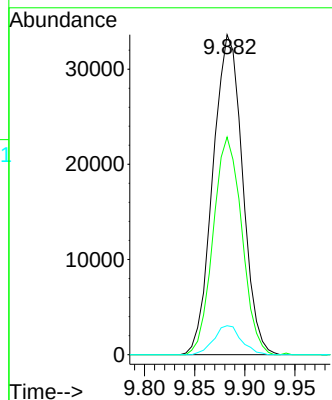
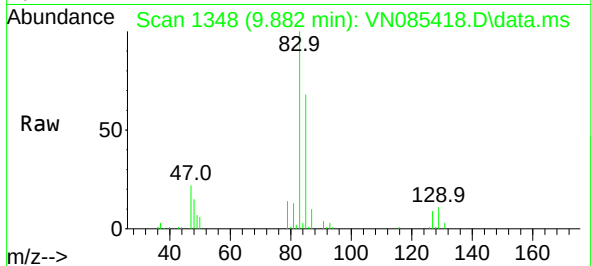




#41
Bromodichloromethane
Concen: 18.665 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

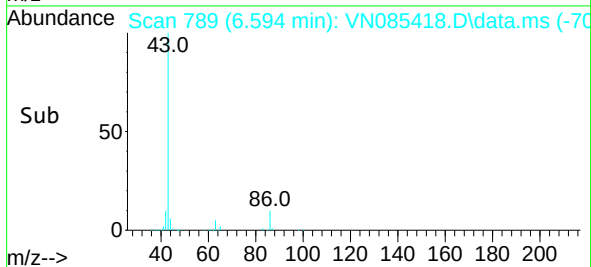
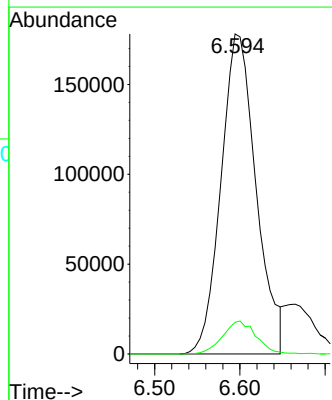
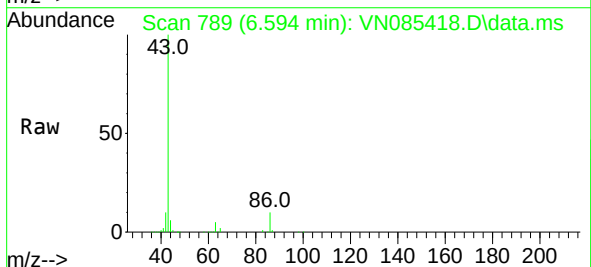
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

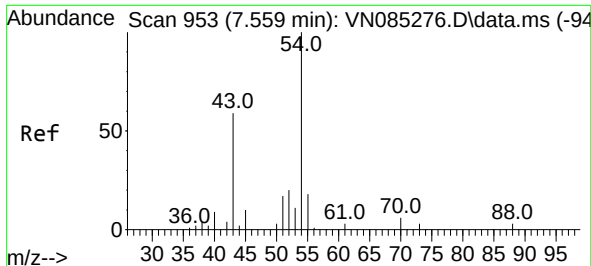
Tgt Ion: 83 Resp: 69100
Ion Ratio Lower Upper
83 100
85 68.0 50.1 75.1
127 9.1 5.8 8.6#



#42
Vinyl Acetate
Concen: 86.656 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 43 Resp: 510123
Ion Ratio Lower Upper
43 100
86 9.8 7.9 11.9

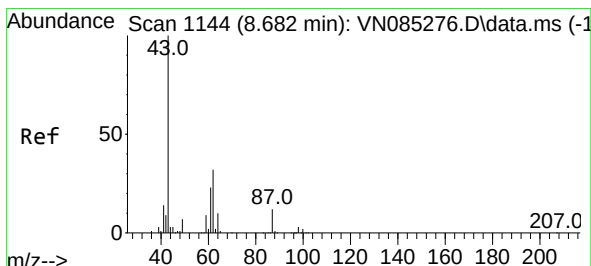
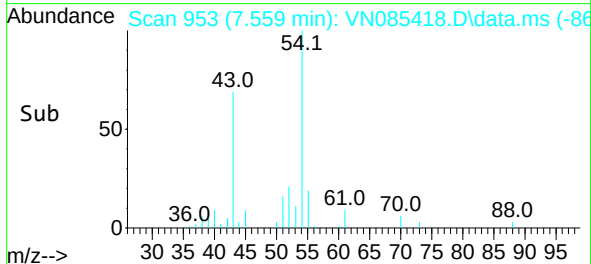
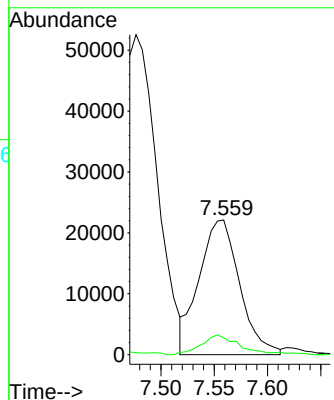
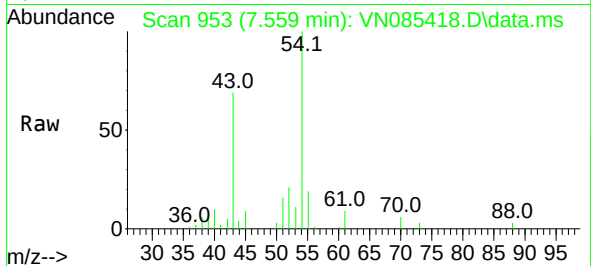




#43
Ethyl Acetate
Concen: 16.978 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

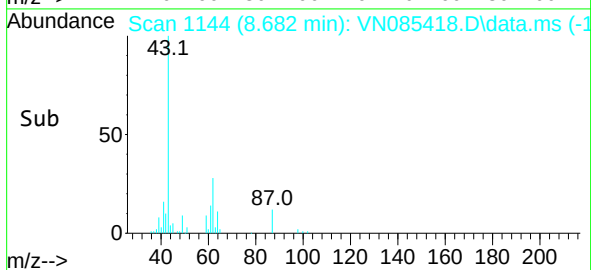
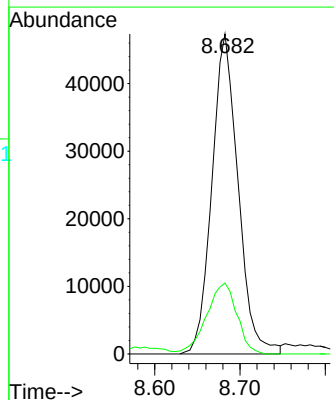
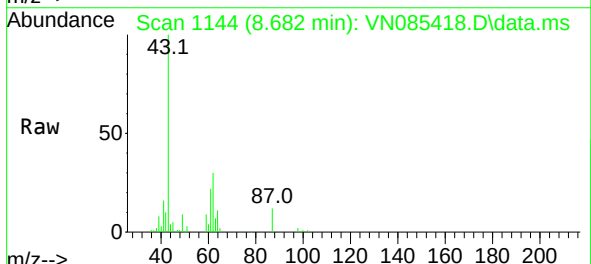
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

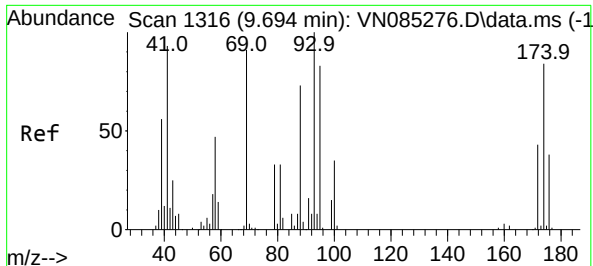
Tgt Ion: 43 Resp: 58554
Ion Ratio Lower Upper
43 100
45 13.2 11.9 17.9



#44
Isopropyl Acetate
Concen: 17.622 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 43 Resp: 100964
Ion Ratio Lower Upper
43 100
61 25.7 19.7 29.5

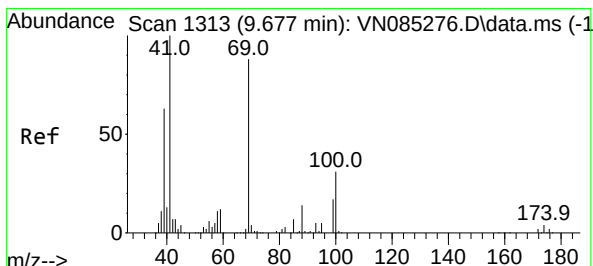
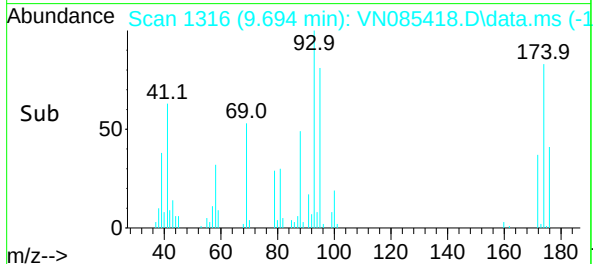
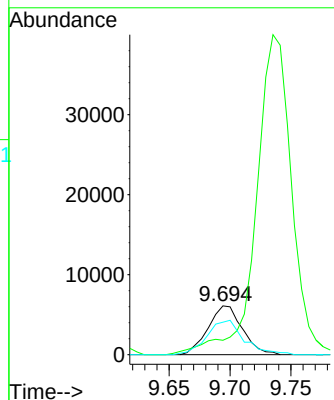
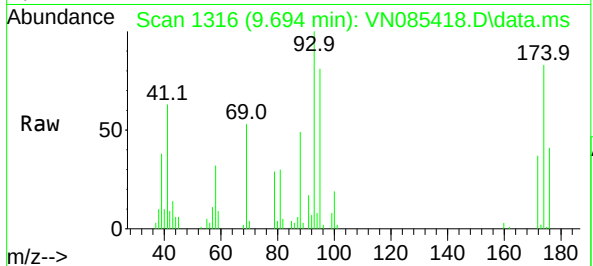




#45
1,4-Dioxane
Concen: 268.750 ug/l
RT: 9.694 min Scan# 11976
Delta R.T. 0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

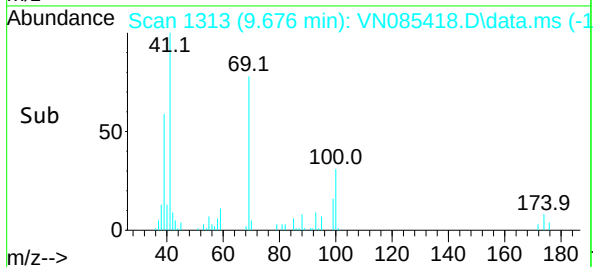
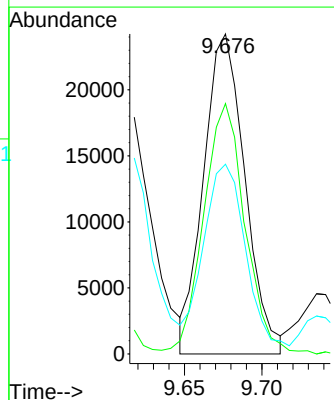
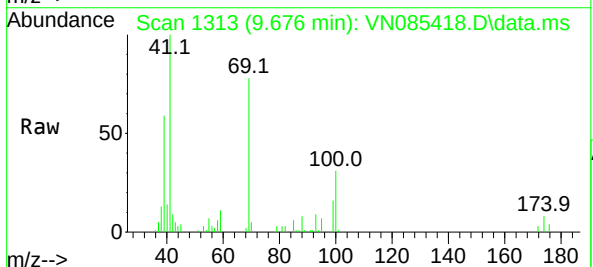
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

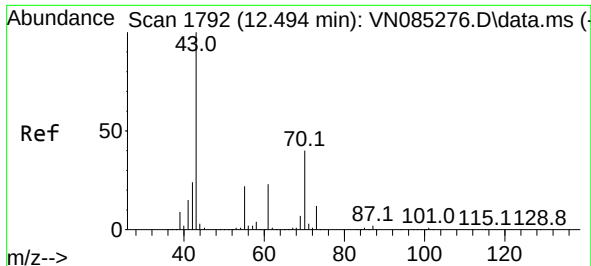
Tgt Ion: 88 Resp: 11976
Ion Ratio Lower Upper
88 100
43 26.1 25.4 38.2
58 76.3 58.5 87.7



#46
Methyl methacrylate
Concen: 16.885 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 41 Resp: 44903
Ion Ratio Lower Upper
41 100
69 79.4 39.9 119.6
39 58.5 31.6 95.0

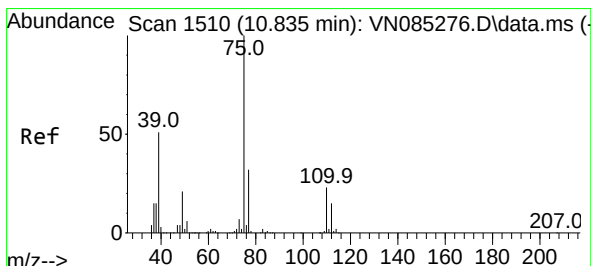
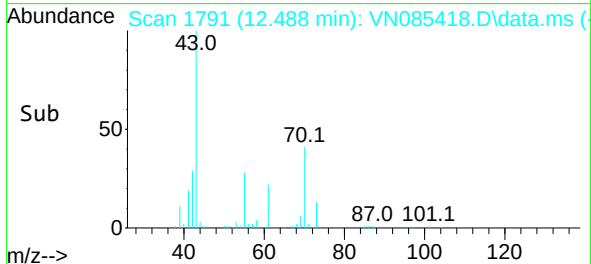
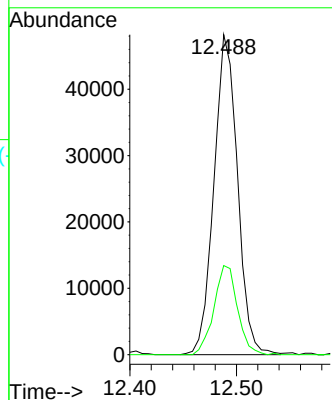
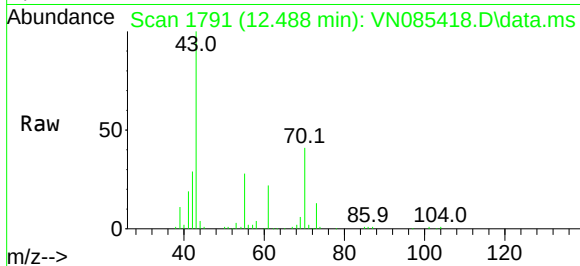




#47
n-amyl acetate
Concen: 15.146 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

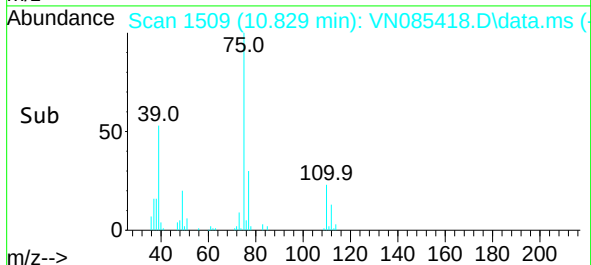
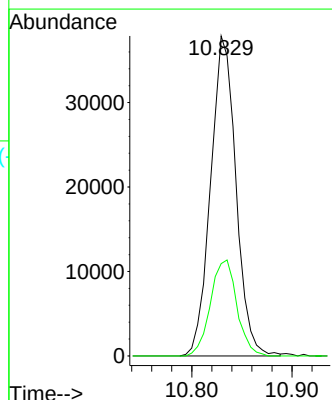
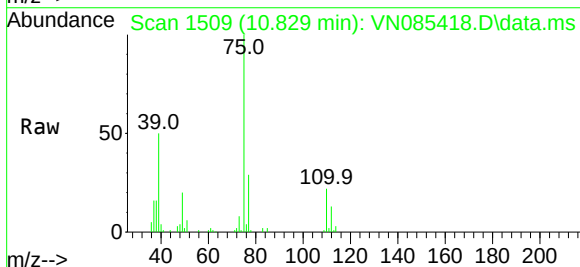
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

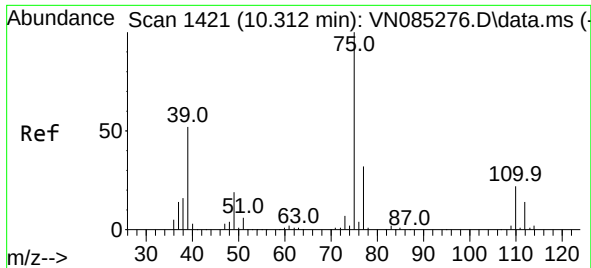
Tgt Ion: 43 Resp: 73922
Ion Ratio Lower Upper
43 100
55 27.8 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 18.167 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 75 Resp: 66432
Ion Ratio Lower Upper
75 100
77 28.8 23.8 35.6

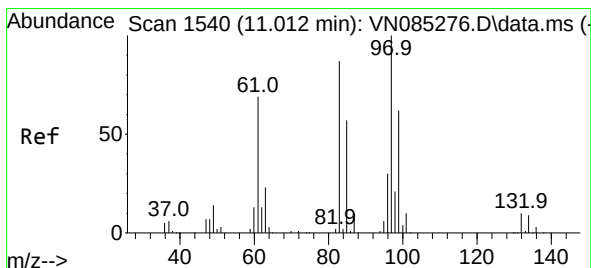
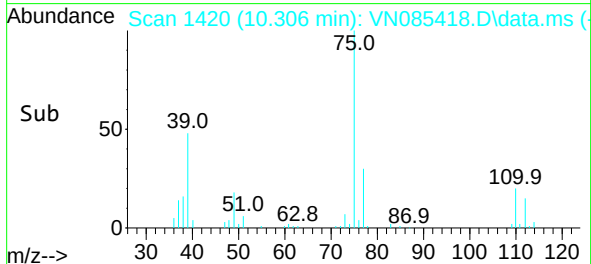
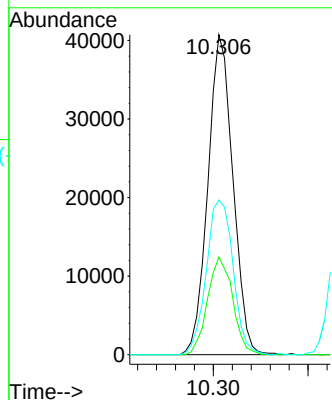
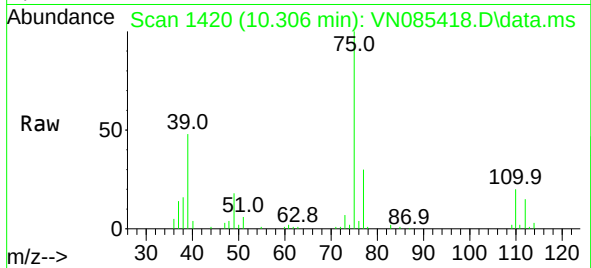




#49
 cis-1,3-Dichloropropene
 Concen: 19.006 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN085418.D
 Acq: 10 Jan 2025 10:56

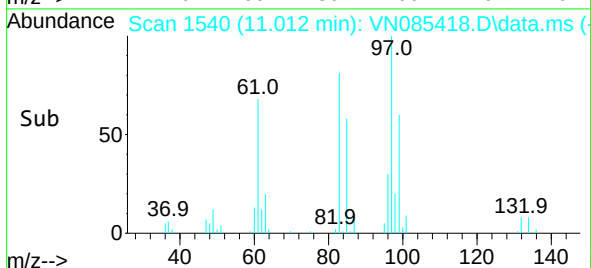
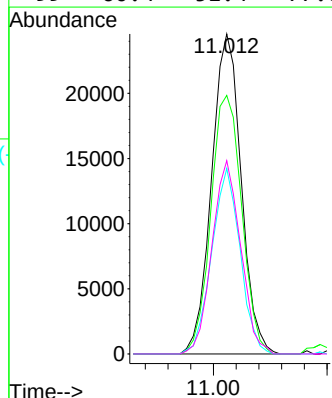
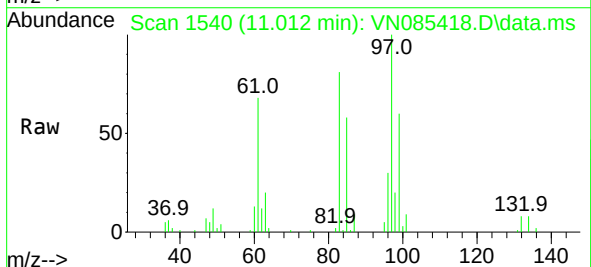
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

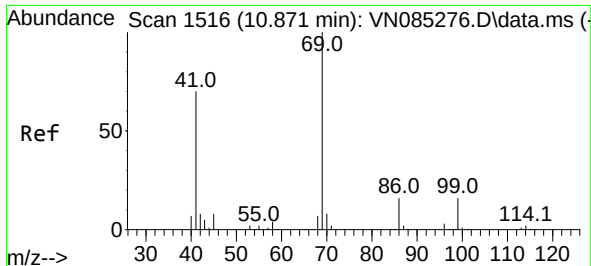
Tgt Ion:	75	Resp:	74719
Ion	Ratio	Lower	Upper
75	100		
77	30.5	26.6	40.0
39	48.4	41.9	62.9



#50
 1,1,2-Trichloroethane
 Concen: 19.170 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN085418.D
 Acq: 10 Jan 2025 10:56

Tgt Ion:	97	Resp:	44413
Ion	Ratio	Lower	Upper
97	100		
83	80.8	72.2	108.2
85	57.9	46.6	70.0
99	60.4	51.4	77.0

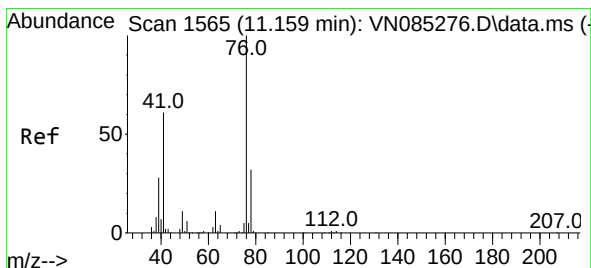
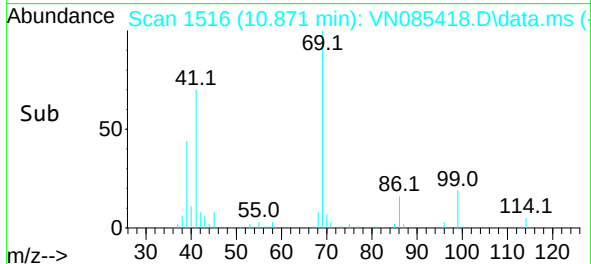
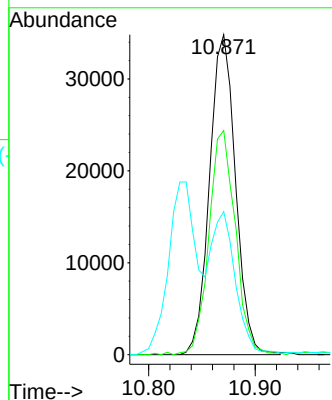
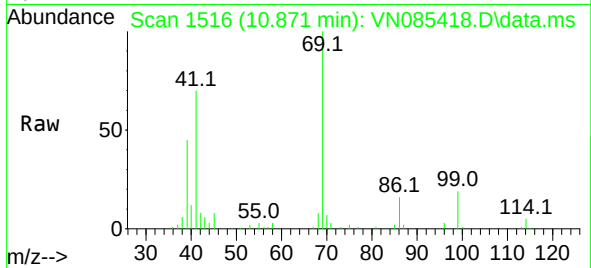




#51
Ethyl methacrylate
Concen: 16.849 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

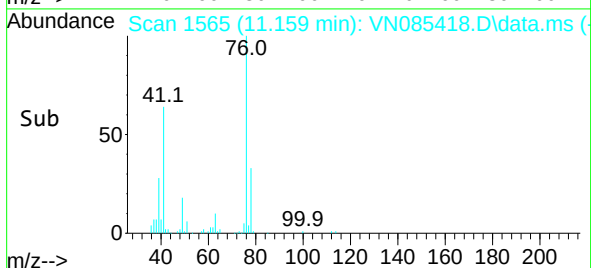
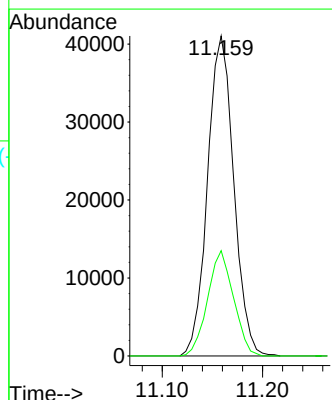
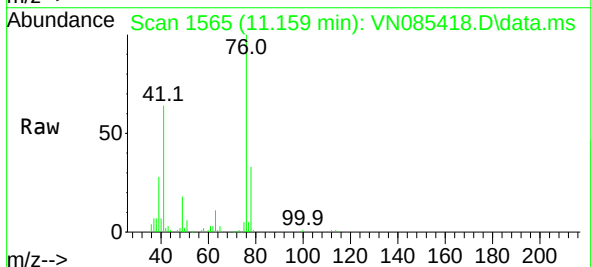
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

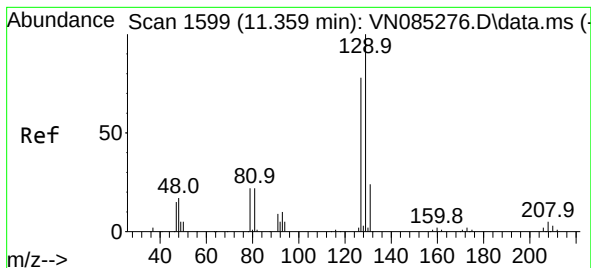
Tgt Ion: 69 Resp: 59042
Ion Ratio Lower Upper
69 100
41 69.5 38.1 114.5
39 44.2 24.1 72.2



#52
1,3-Dichloropropane
Concen: 18.479 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 76 Resp: 74734
Ion Ratio Lower Upper
76 100
78 32.5 0.0 66.2





#53

Dibromochloromethane

Concen: 18.058 ug/l

RT: 11.353 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

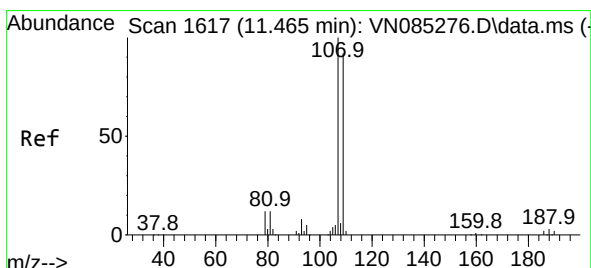
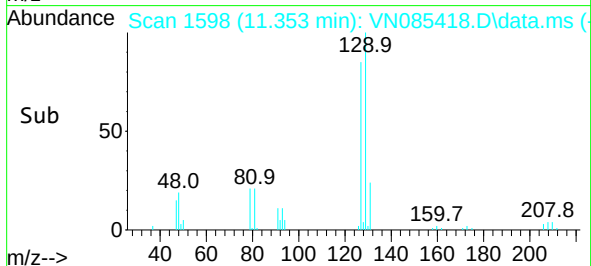
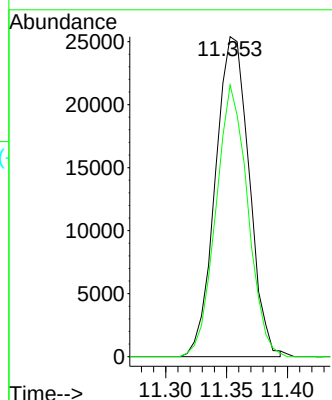
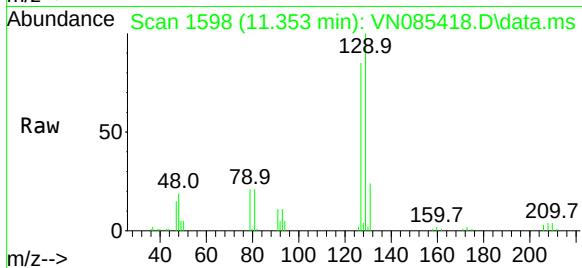
VSTDCCC020

Tgt Ion:129 Resp: 49021

Ion Ratio Lower Upper

129 100

127 80.0 38.1 114.3



#54

1,2-Dibromoethane

Concen: 18.063 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN085418.D

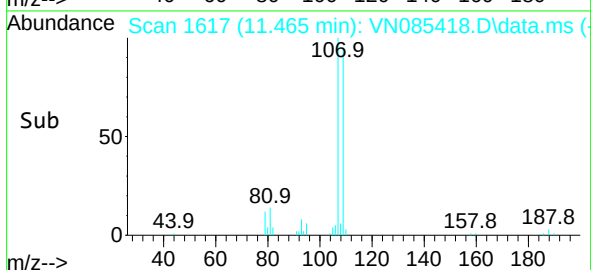
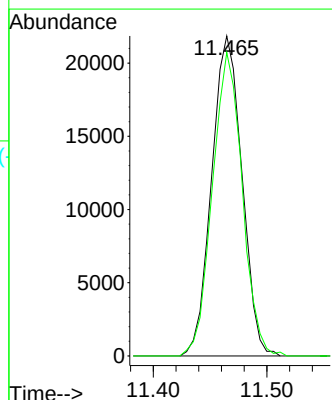
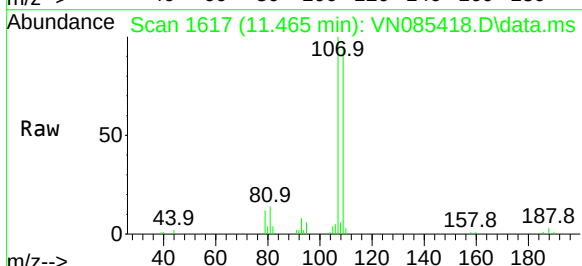
Acq: 10 Jan 2025 10:56

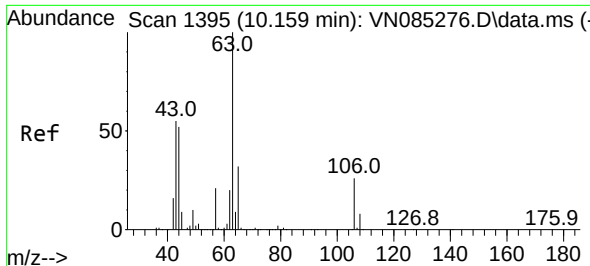
Tgt Ion:107 Resp: 40499

Ion Ratio Lower Upper

107 100

109 93.3 76.2 114.4

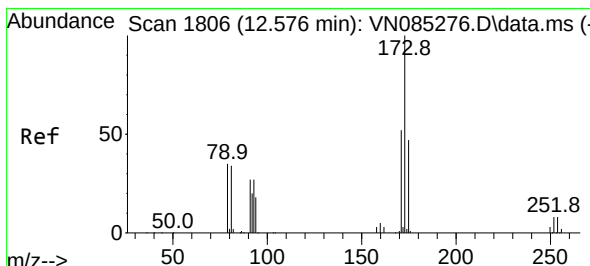
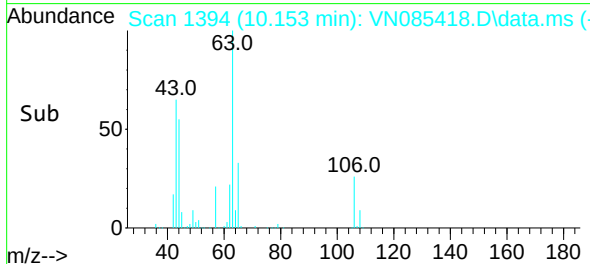
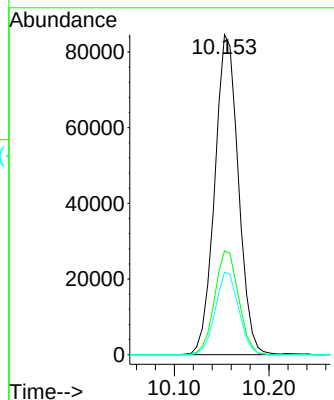
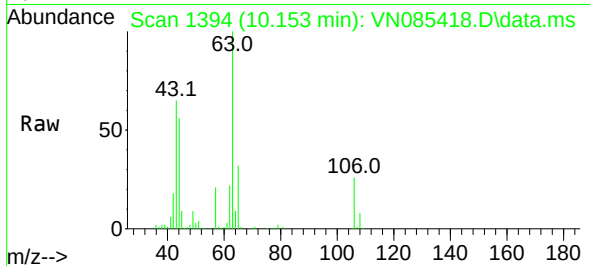




#55
2-Chloroethyl vinyl ether
Concen: 81.596 ug/l
RT: 10.153 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

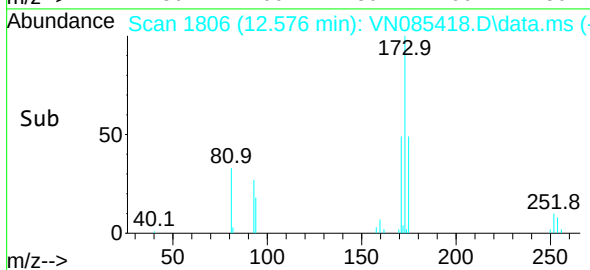
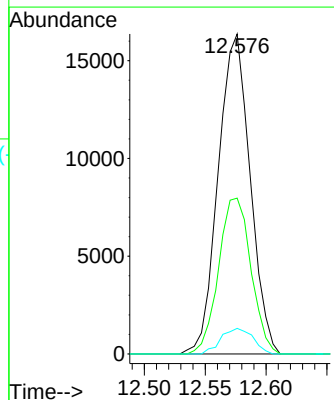
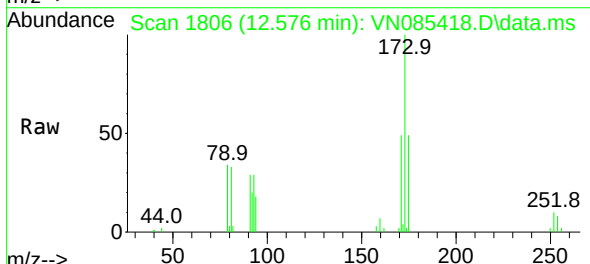
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

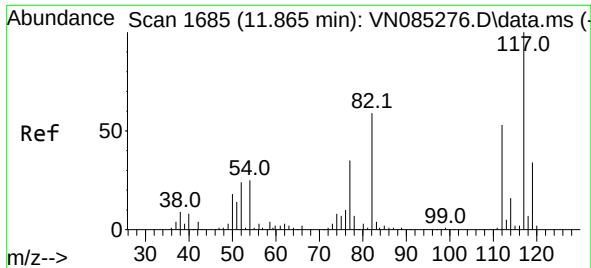
Tgt Ion: 63 Resp: 147280
Ion Ratio Lower Upper
63 100
65 32.9 25.9 38.9
106 25.5 21.2 31.8



#56
Bromoform
Concen: 16.838 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion:173 Resp: 29820
Ion Ratio Lower Upper
173 100
175 49.4 39.4 59.2
254 8.0 7.2 10.8

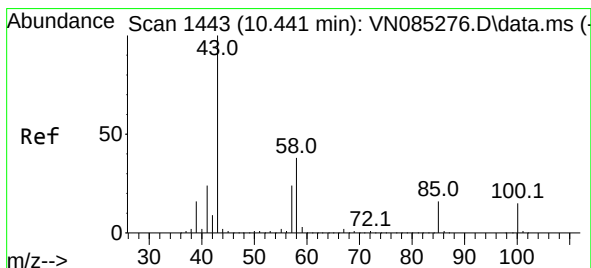
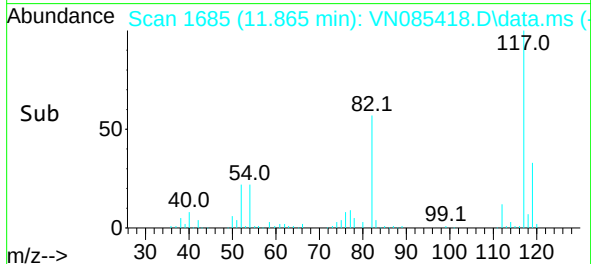
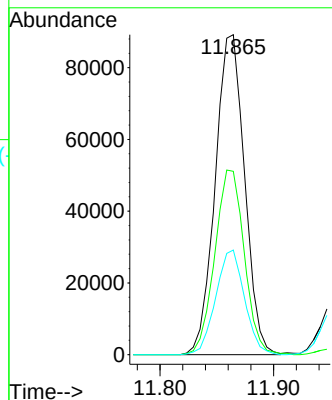
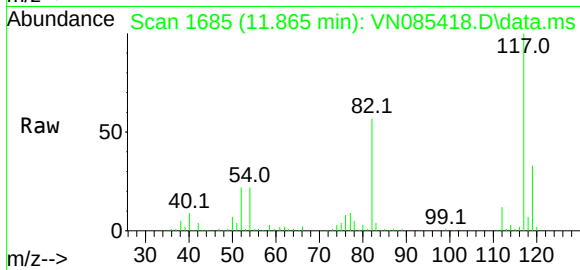




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

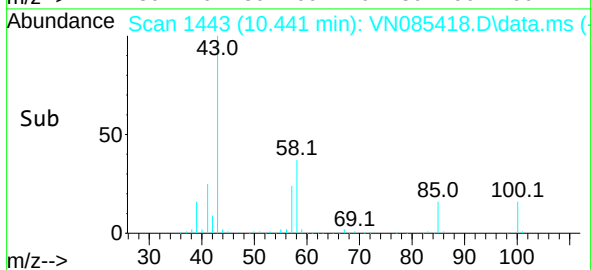
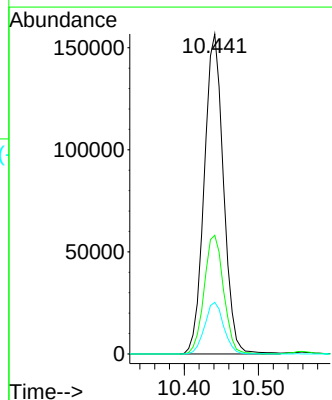
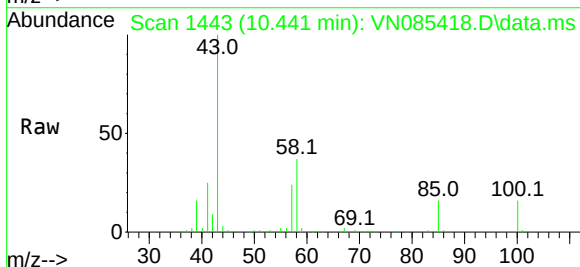
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

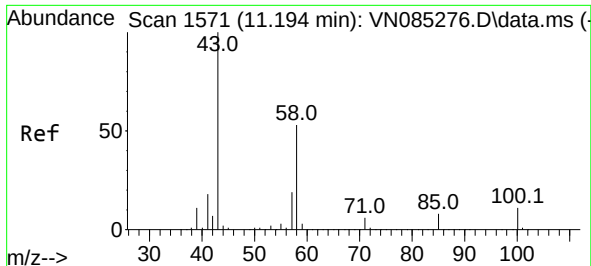
Tgt Ion:117 Resp: 160429
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.0
119 32.0 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 86.957 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 43 Resp: 282811
Ion Ratio Lower Upper
43 100
58 37.5 29.2 43.8
85 16.0 12.8 19.2

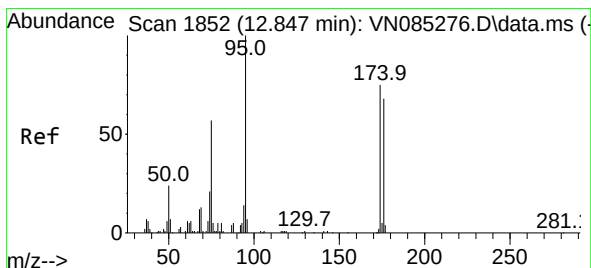
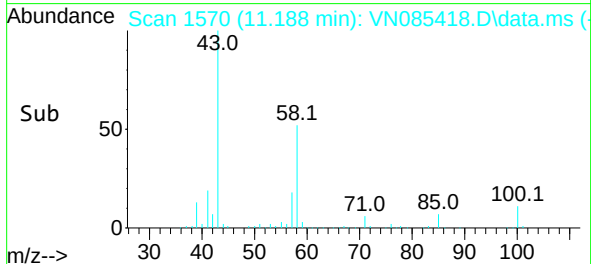
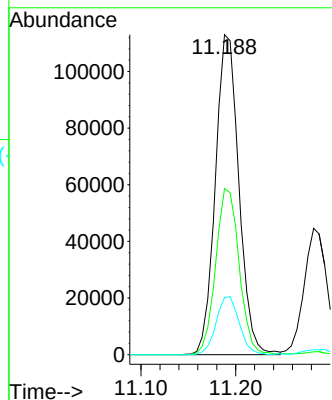
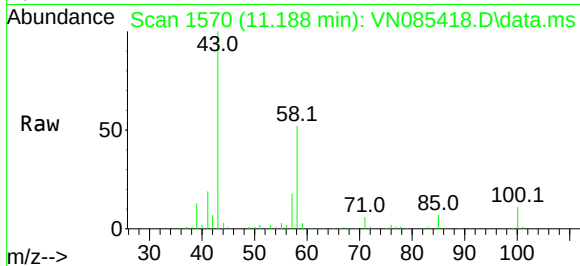




#59
2-Hexanone
Concen: 82.589 ug/l
RT: 11.188 min Scan# 1570
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

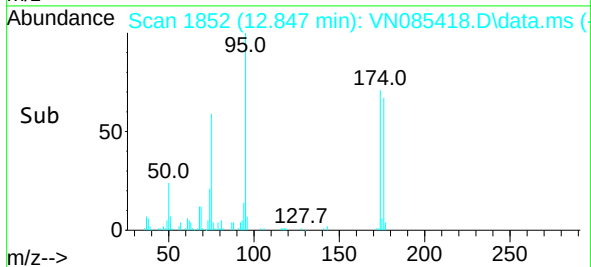
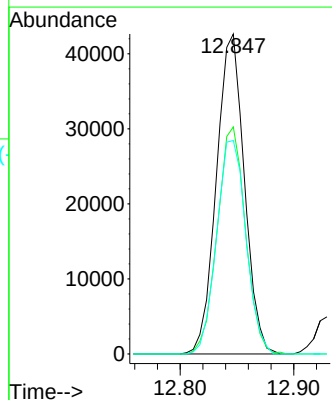
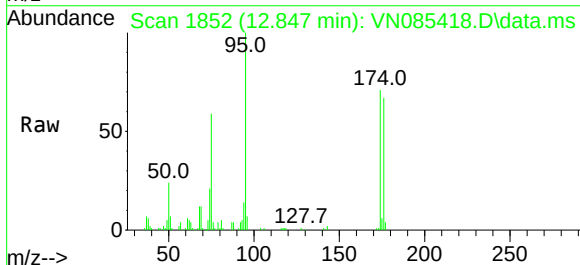
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

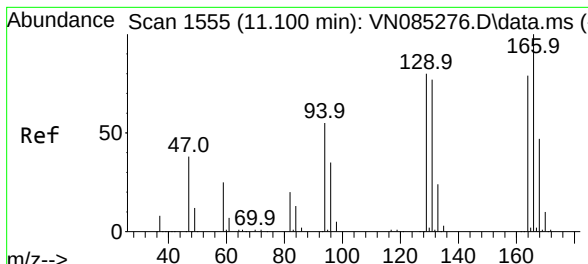
Tgt Ion: 43 Resp: 195130
Ion Ratio Lower Upper
43 100
58 51.7 40.2 60.4
57 17.8 14.2 21.4



#60
4-Bromofluorobenzene
Concen: 28.023 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

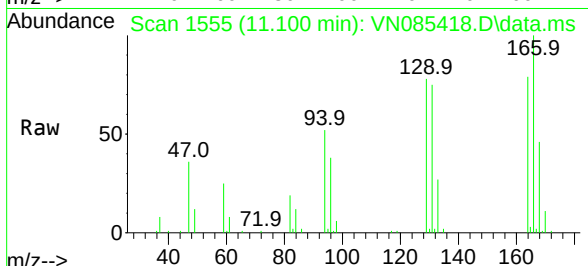
Tgt Ion: 95 Resp: 72823
Ion Ratio Lower Upper
95 100
174 71.6 57.8 86.8
176 70.0 57.1 85.7





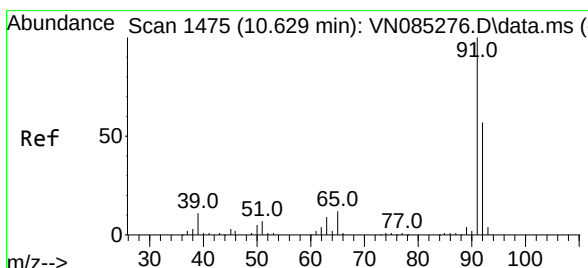
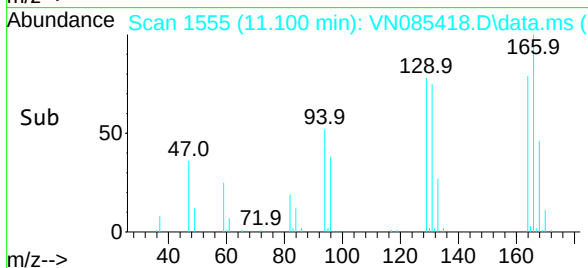
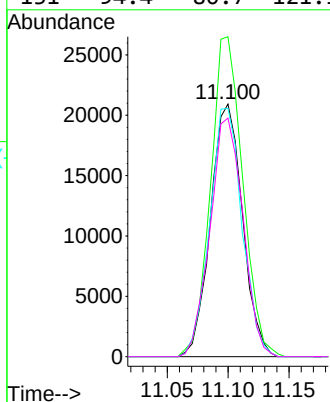
#61
Tetrachloroethene
Concen: 21.374 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:164 Resp: 38281

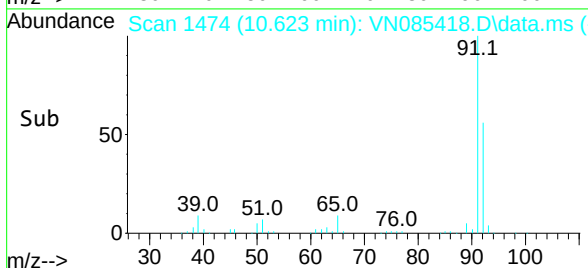
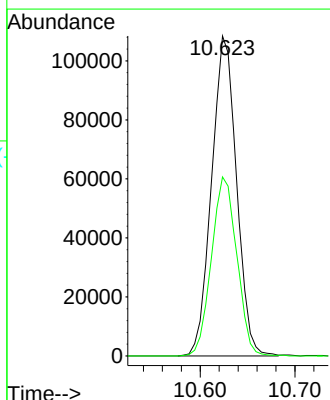
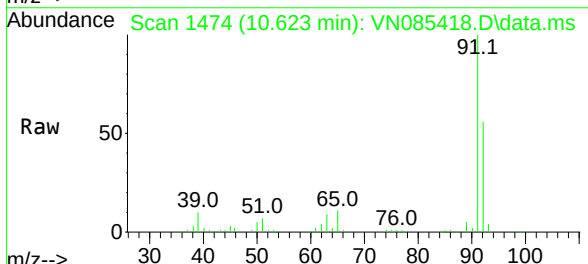
Ion	Ratio	Lower	Upper
164	100		
166	126.6	109.0	163.4
129	98.3	85.1	127.7
131	94.4	80.7	121.1

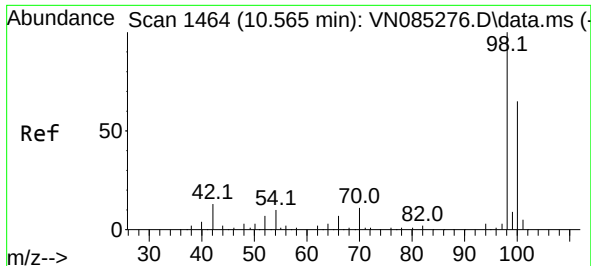


#62
Toluene
Concen: 20.113 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 91 Resp: 198231

Ion	Ratio	Lower	Upper
91	100		
92	56.8	45.9	68.9

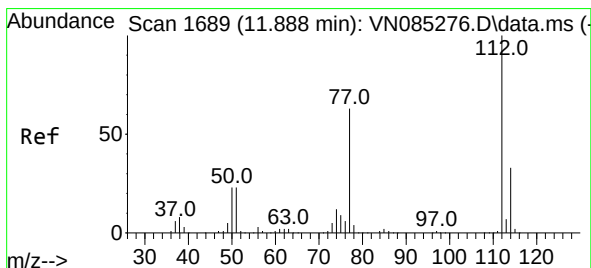
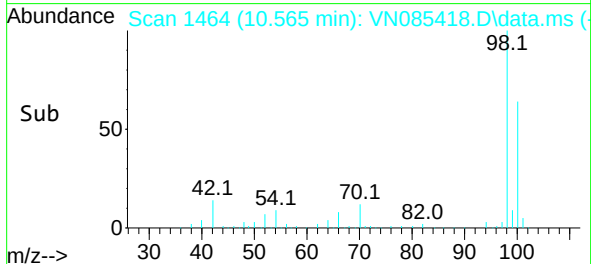
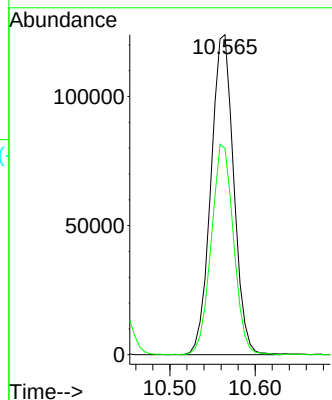
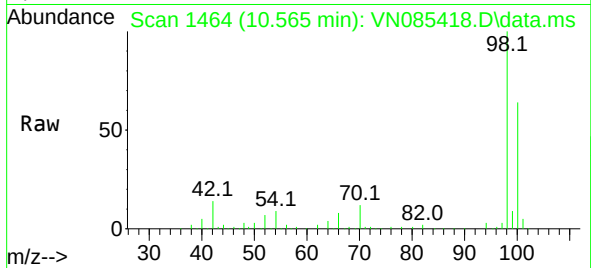




#63
Toluene-d8
Concen: 29.411 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

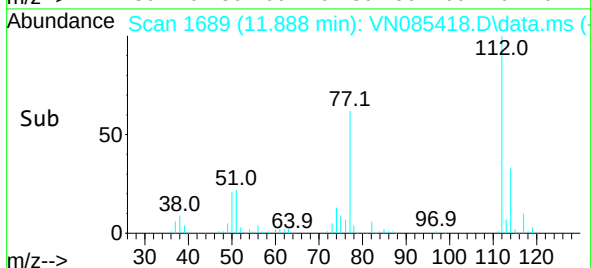
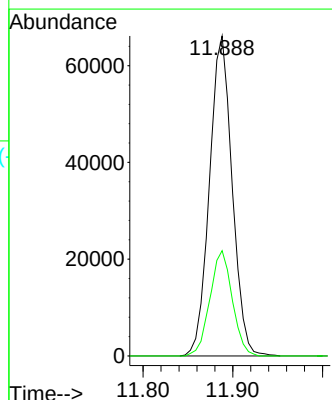
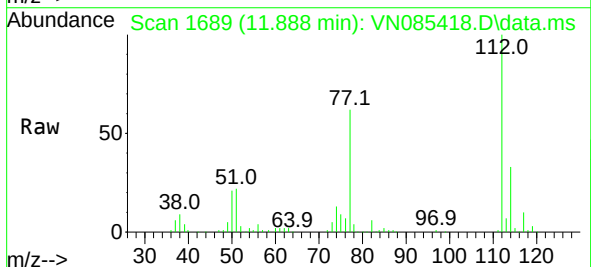
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

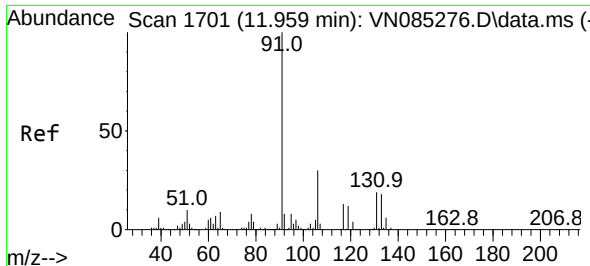
Tgt Ion: 98 Resp: 230396
Ion Ratio Lower Upper
98 100
100 64.4 50.8 76.2



#64
Chlorobenzene
Concen: 19.531 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 112 Resp: 116097
Ion Ratio Lower Upper
112 100
114 32.9 26.4 39.6

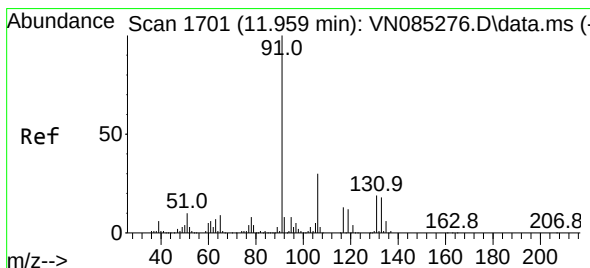
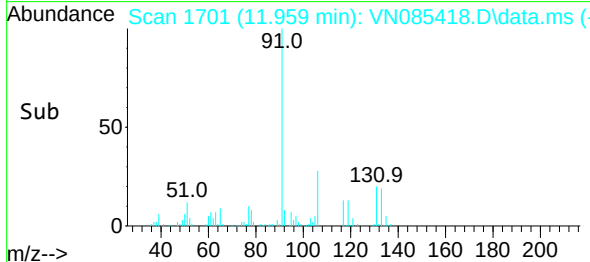
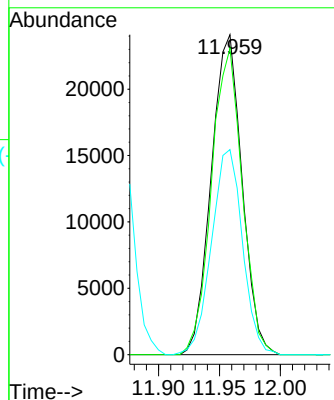
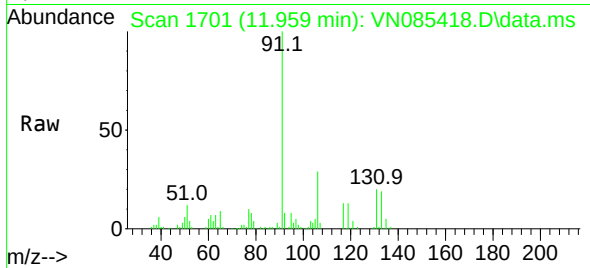




#65
1,1,1,2-Tetrachloroethane
Concen: 19.707 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

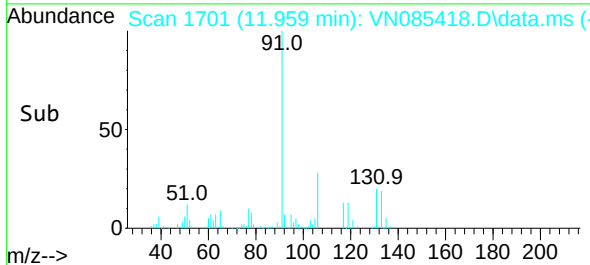
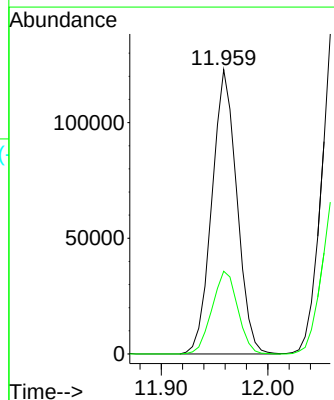
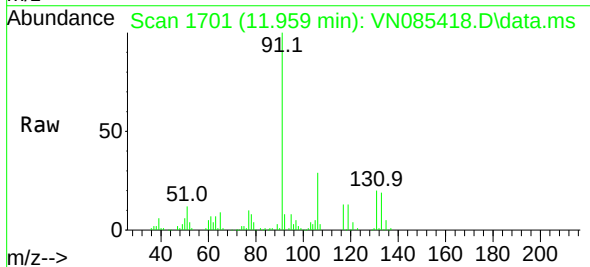
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

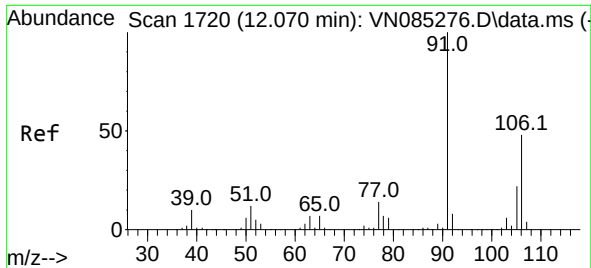
Tgt Ion:131 Resp: 42484
Ion Ratio Lower Upper
131 100
133 95.5 0.0 189.4
119 64.5 0.0 135.0



#66
Ethyl Benzene
Concen: 19.299 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 91 Resp: 200143
Ion Ratio Lower Upper
91 100
106 29.1 23.2 34.8

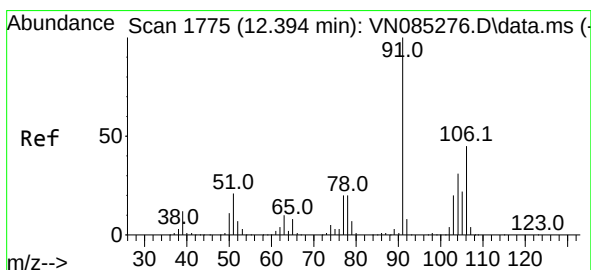
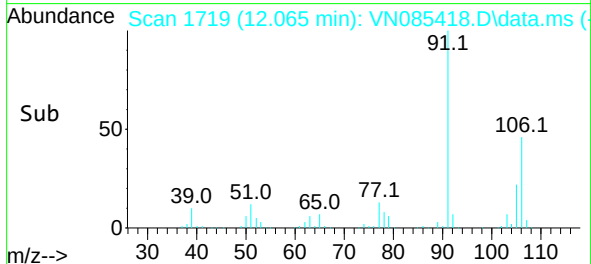
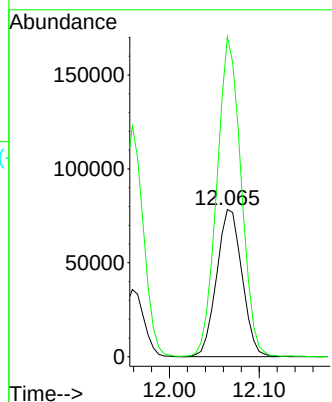
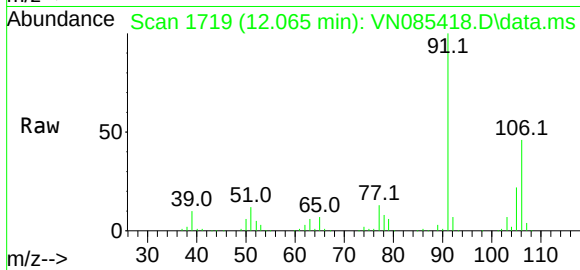




#67
m/p-Xylenes
Concen: 39.595 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

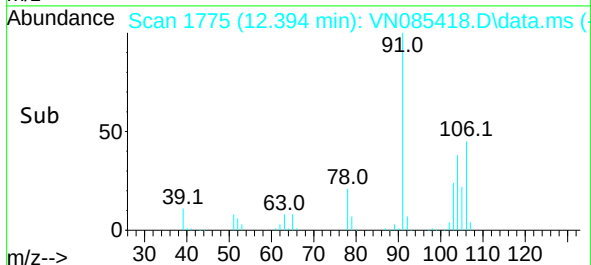
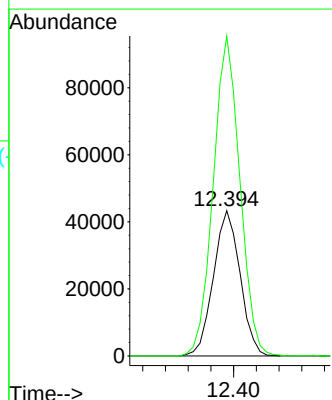
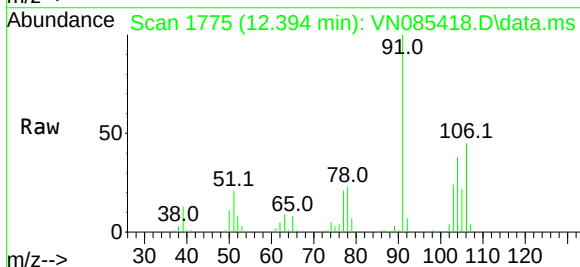
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

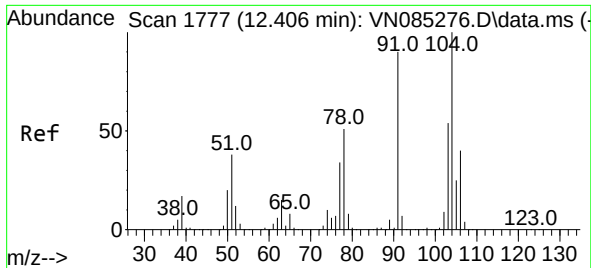
Tgt Ion:106 Resp: 154051
Ion Ratio Lower Upper
106 100
91 207.6 167.0 250.4



#68
o-Xylene
Concen: 19.070 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion:106 Resp: 70672
Ion Ratio Lower Upper
106 100
91 219.7 110.6 331.8

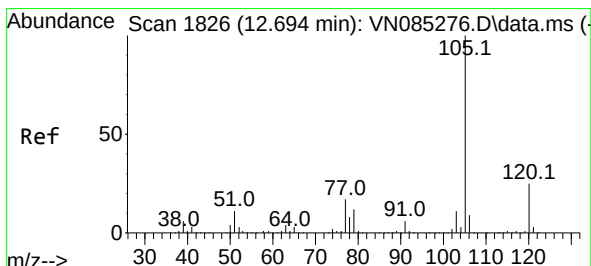
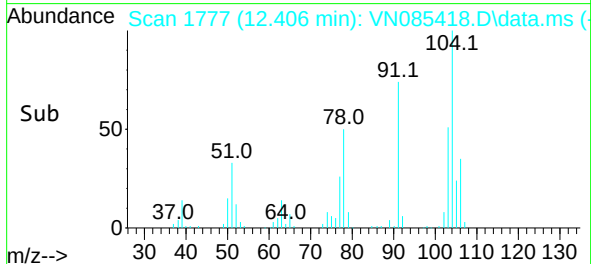
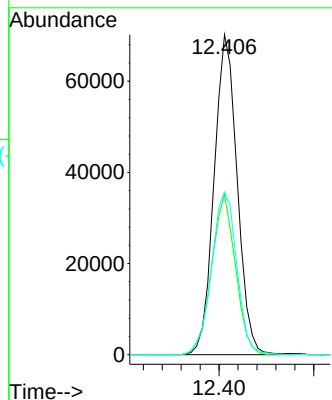
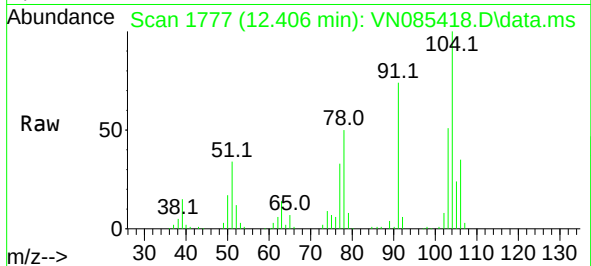




#69
Styrene
Concen: 18.987 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

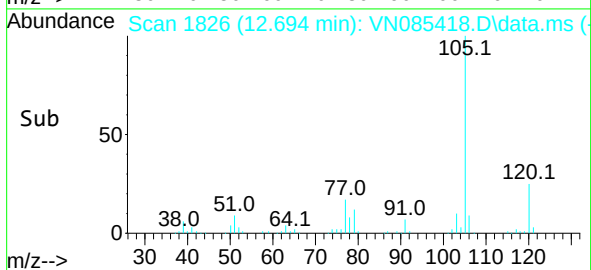
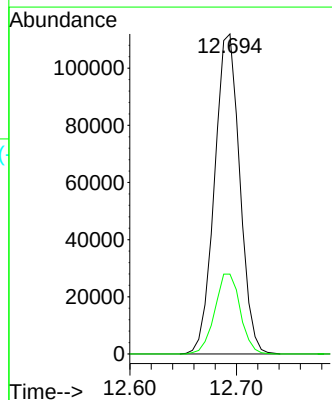
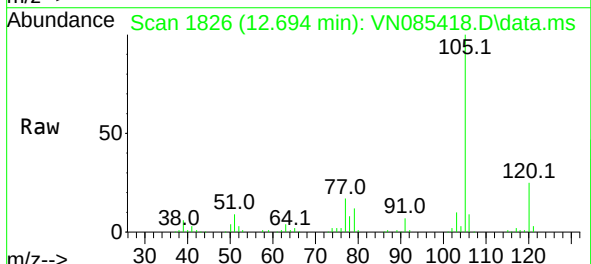
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

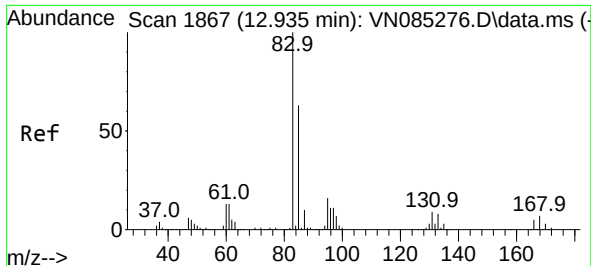
Tgt Ion:104 Resp: 118918
Ion Ratio Lower Upper
104 100
78 51.8 41.0 61.4
103 55.4 44.8 67.2



#70
Isopropylbenzene
Concen: 19.781 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion:105 Resp: 184077
Ion Ratio Lower Upper
105 100
120 25.3 18.4 34.2

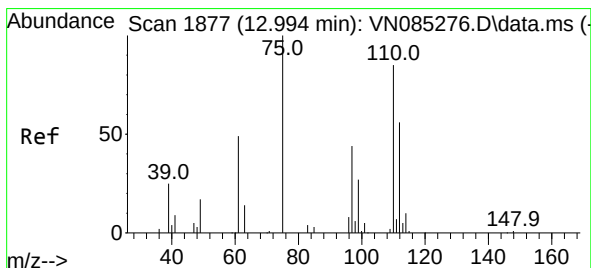
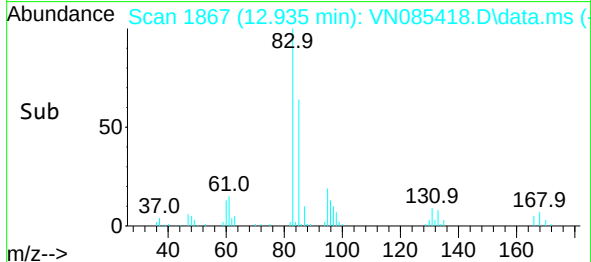
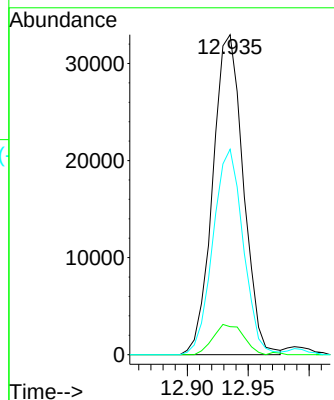
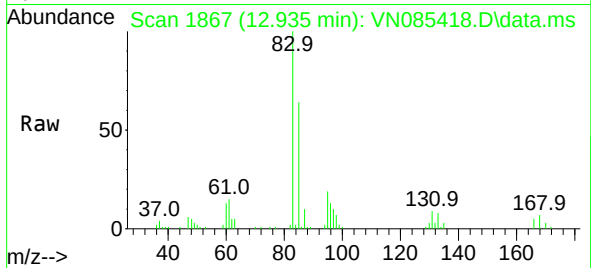




#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.426 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085418.D
 Acq: 10 Jan 2025 10:56

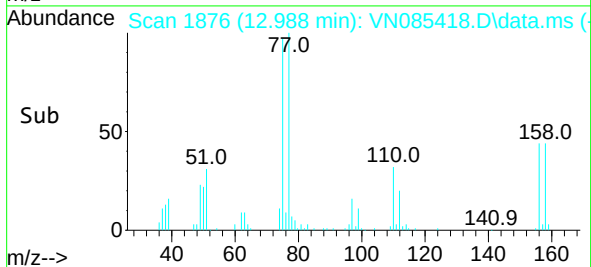
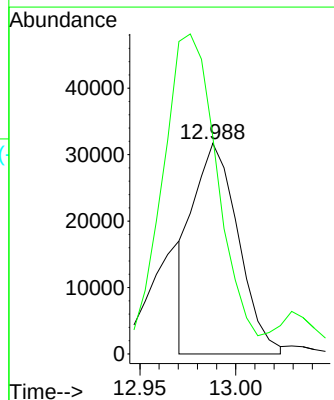
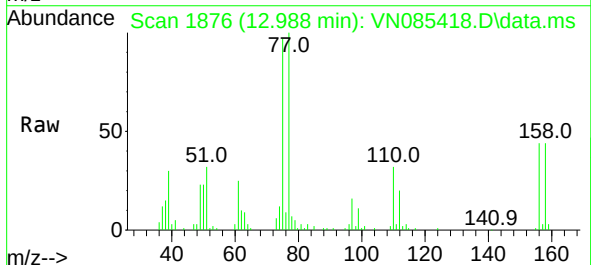
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

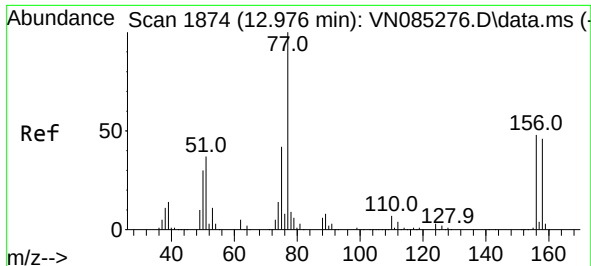
Tgt Ion: 83 Resp: 57515
 Ion Ratio Lower Upper
 83 100
 131 9.4 5.0 15.0
 85 63.7 33.0 98.9



#72
 1,2,3-Trichloropropane
 Concen: 18.533 ug/l m
 RT: 12.988 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VN085418.D
 Acq: 10 Jan 2025 10:56

Tgt Ion: 75 Resp: 52061
 Ion Ratio Lower Upper
 75 100
 77 187.9 0.0 407.2

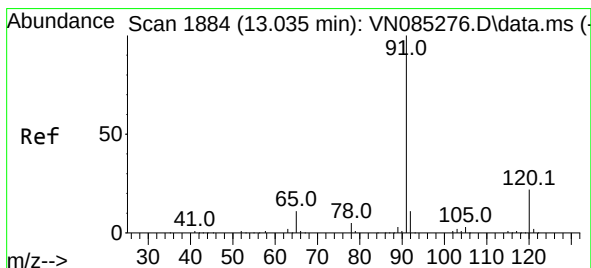
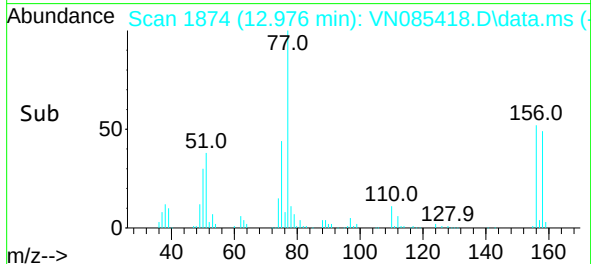
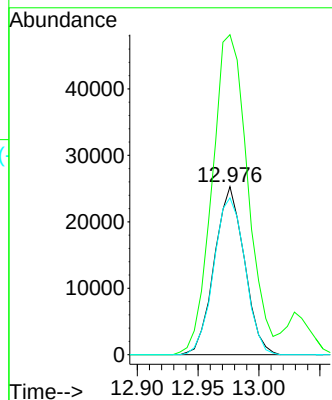
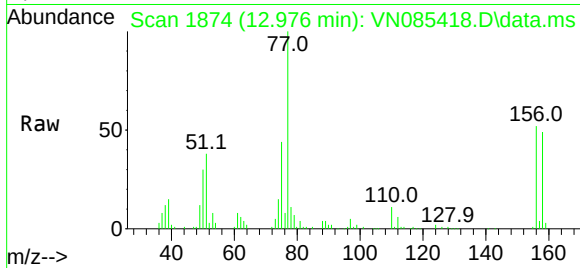




#73
Bromobenzene
Concen: 18.850 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

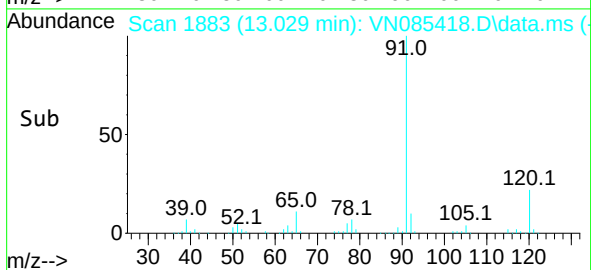
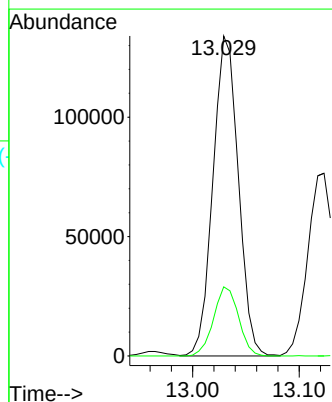
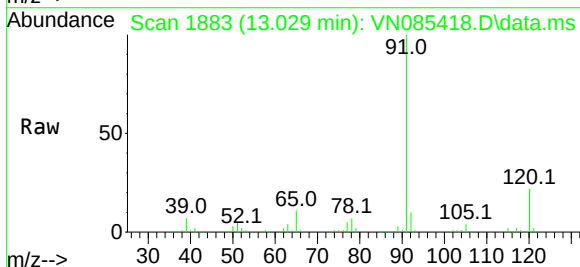
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

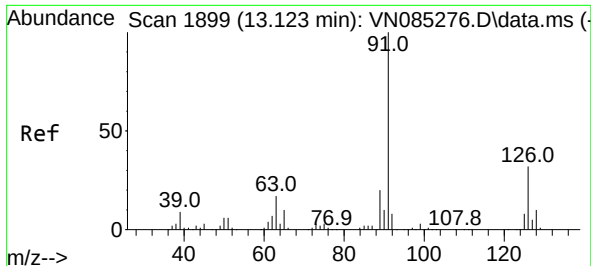
Tgt Ion:156 Resp: 43334
Ion Ratio Lower Upper
156 100
77 225.8 0.0 462.6
158 97.4 0.0 186.4



#74
n-propylbenzene
Concen: 19.123 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 91 Resp: 221693
Ion Ratio Lower Upper
91 100
120 21.2 0.0 41.4

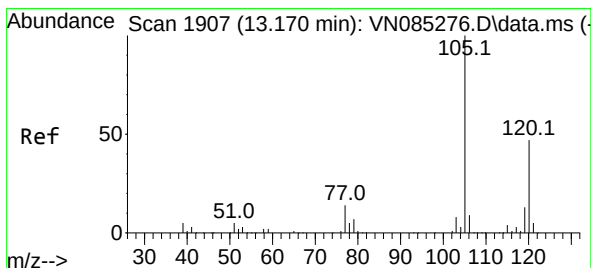
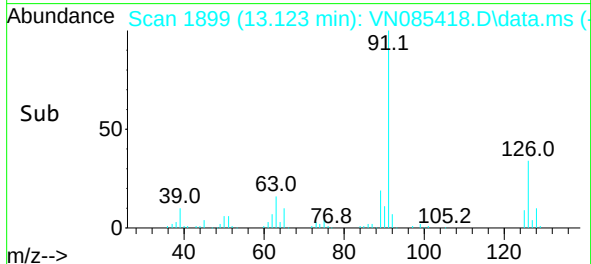
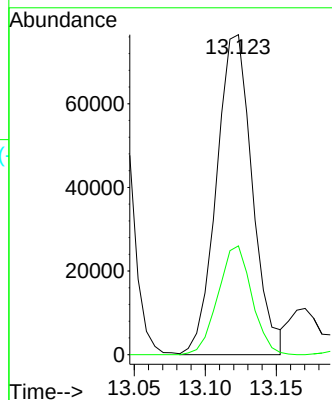
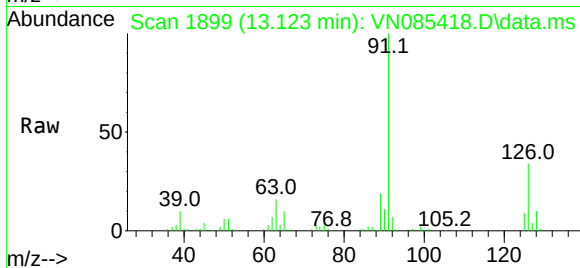




#75
2-Chlorotoluene
Concen: 19.259 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

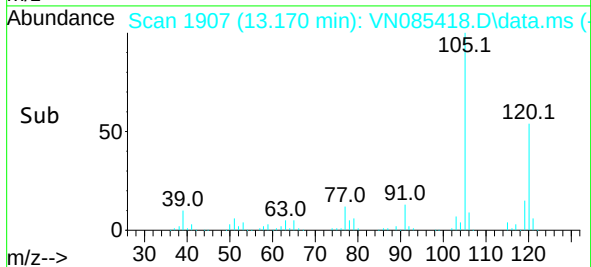
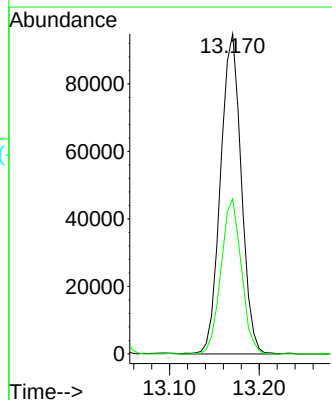
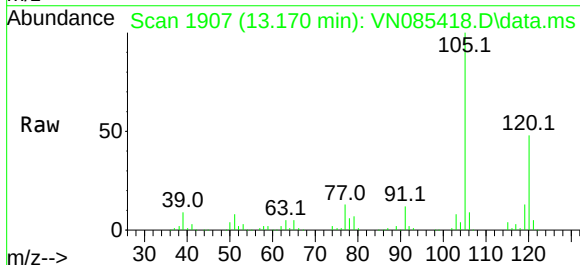
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

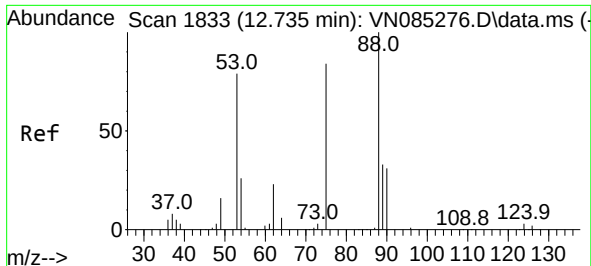
Tgt Ion: 91 Resp: 134505
Ion Ratio Lower Upper
91 100
126 32.1 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 19.171 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 105 Resp: 152226
Ion Ratio Lower Upper
105 100
120 47.6 0.0 95.0

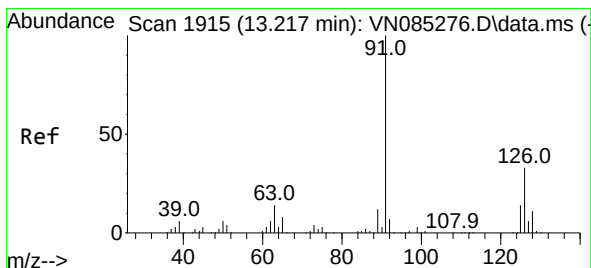
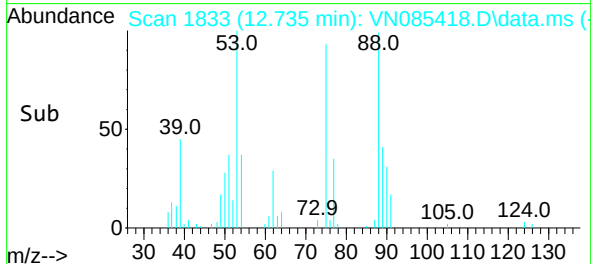
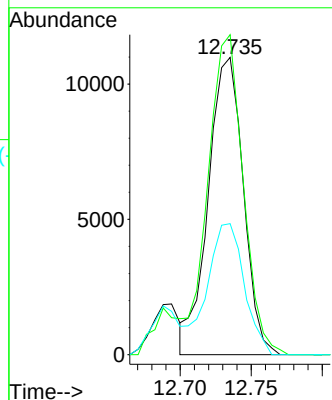
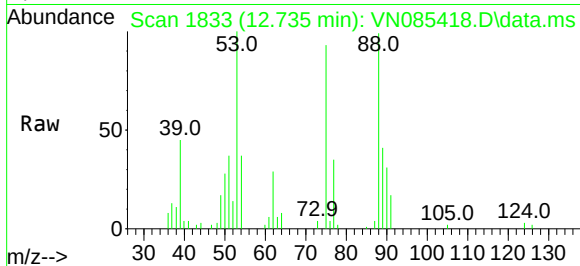




#77
t-1,4-Dichloro-2-butene
Concen: 16.435 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

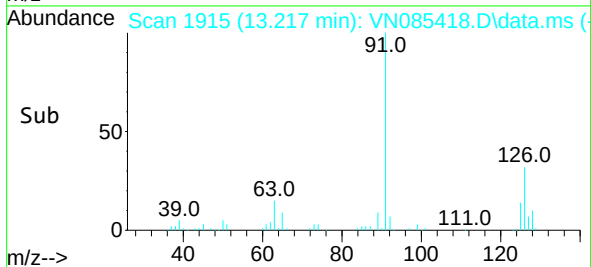
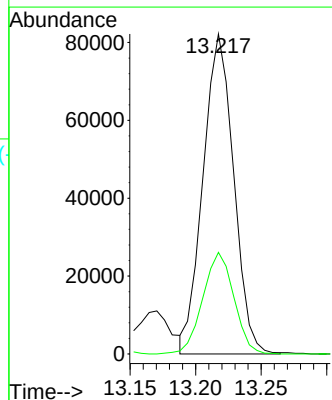
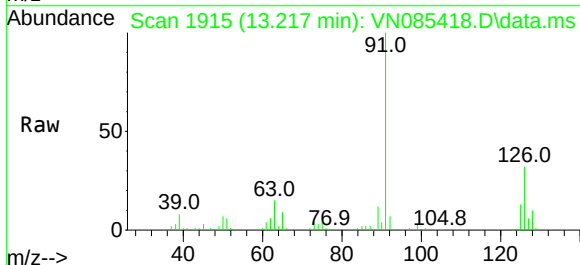
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

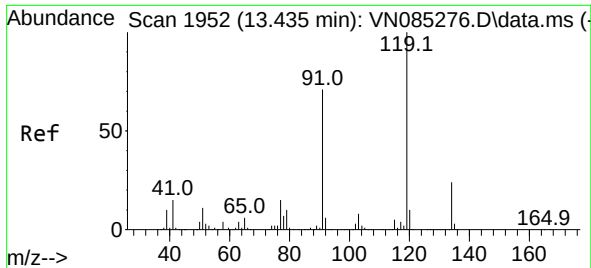
Tgt Ion: 75 Resp: 18868
Ion Ratio Lower Upper
75 100
53 106.0 54.9 164.5
89 44.1 22.8 68.3



#78
4-Chlorotoluene
Concen: 18.801 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 91 Resp: 133506
Ion Ratio Lower Upper
91 100
126 32.3 0.0 63.6

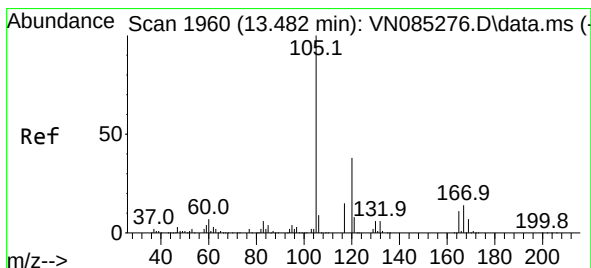
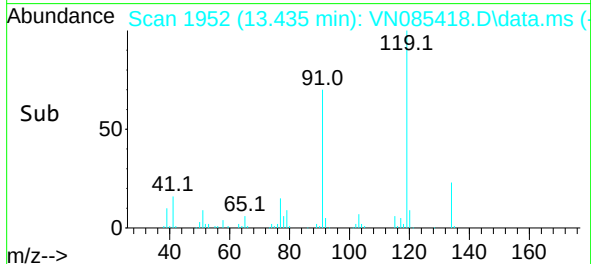
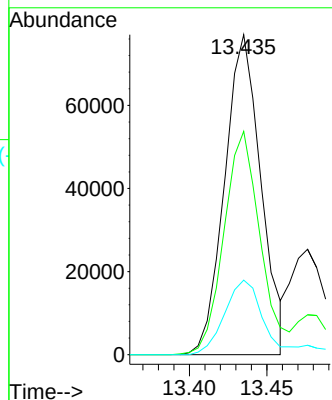
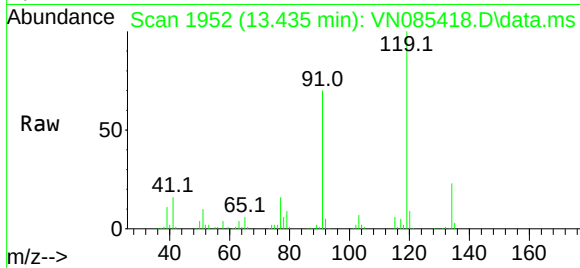




#79
tert-butylbenzene
Concen: 19.356 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

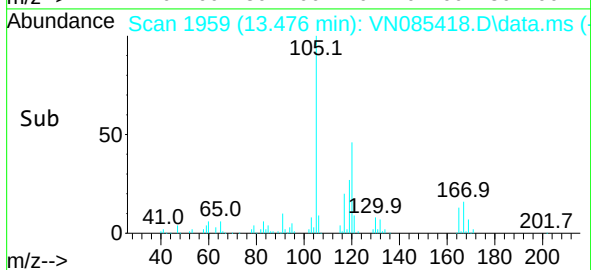
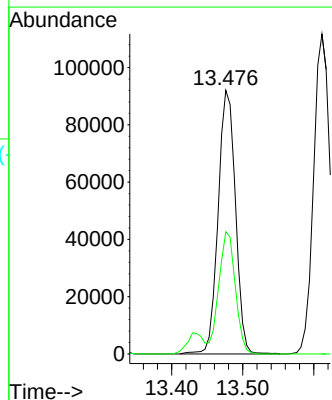
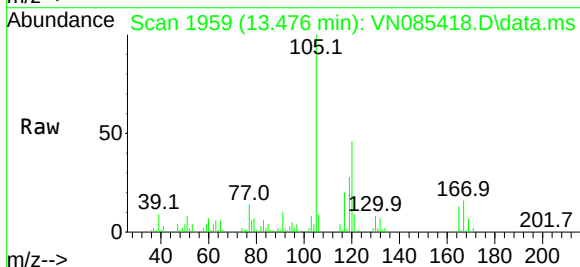
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

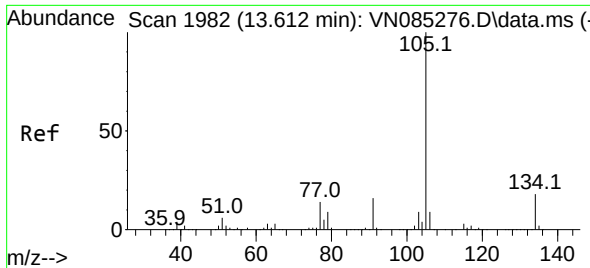
Tgt Ion:119 Resp: 125691
Ion Ratio Lower Upper
119 100
91 69.9 0.0 142.0
134 23.9 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 19.650 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion:105 Resp: 155304
Ion Ratio Lower Upper
105 100
120 44.8 0.0 89.8

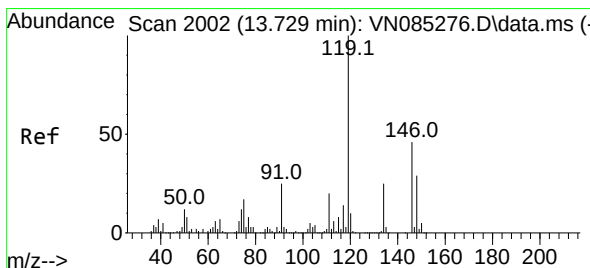
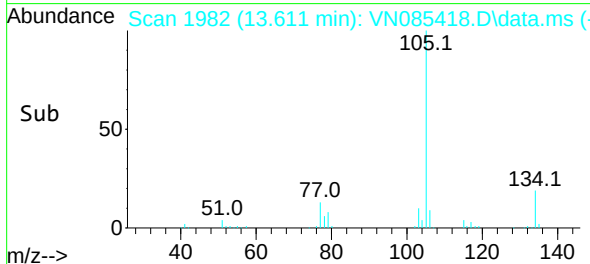
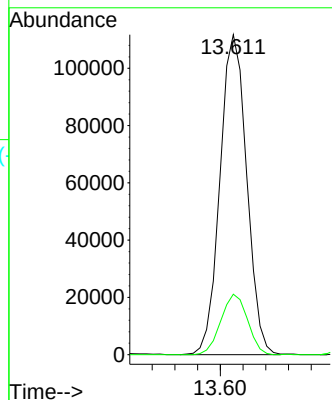
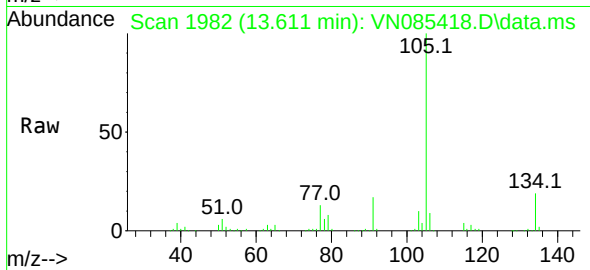




#81
 sec-Butylbenzene
 Concen: 19.489 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085418.D
 Acq: 10 Jan 2025 10:56

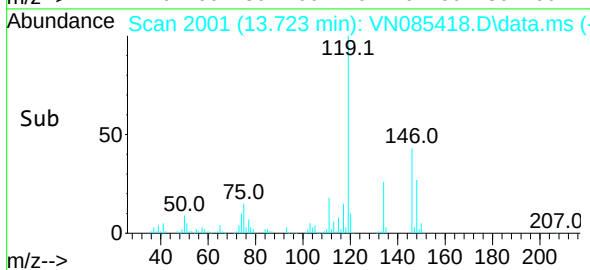
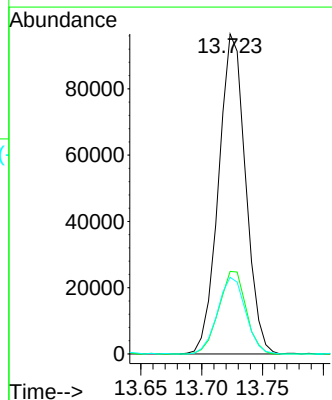
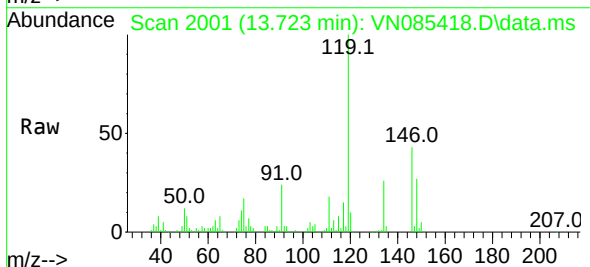
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

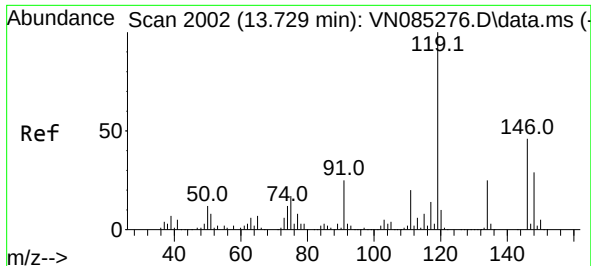
Tgt Ion:105 Resp: 182710
 Ion Ratio Lower Upper
 105 100
 134 18.8 0.0 39.8



#82
 p-Isopropyltoluene
 Concen: 19.277 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN085418.D
 Acq: 10 Jan 2025 10:56

Tgt Ion:119 Resp: 148838
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.4
 91 25.0 0.0 51.4

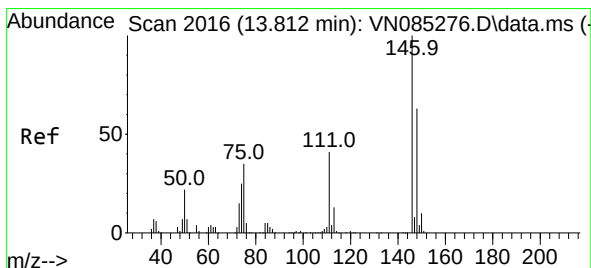
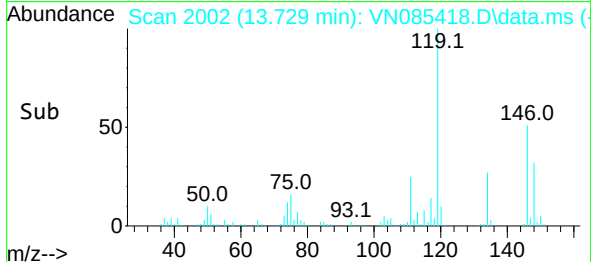
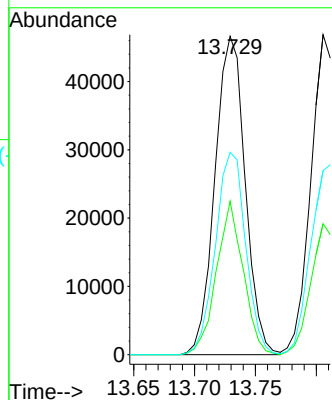
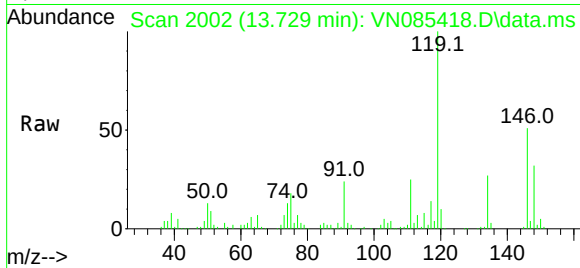




#83
 1,3-Dichlorobenzene
 Concen: 18.789 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085418.D
 Acq: 10 Jan 2025 10:56

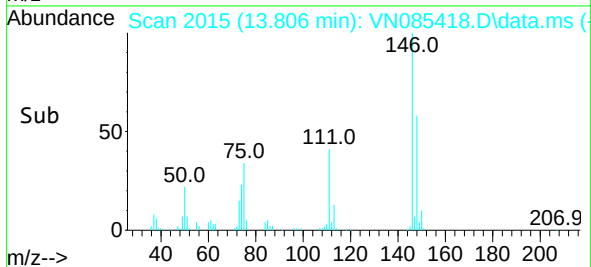
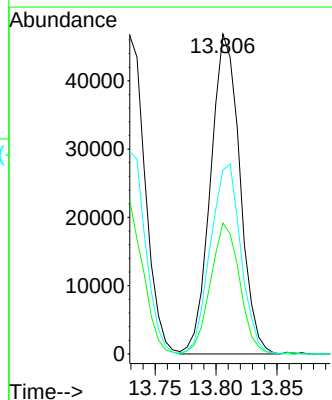
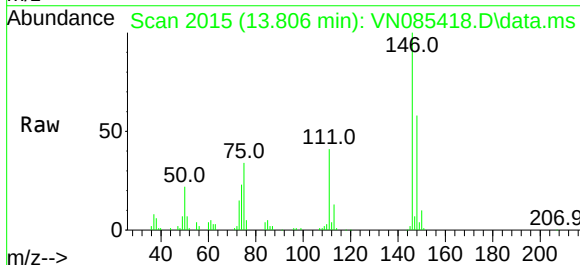
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

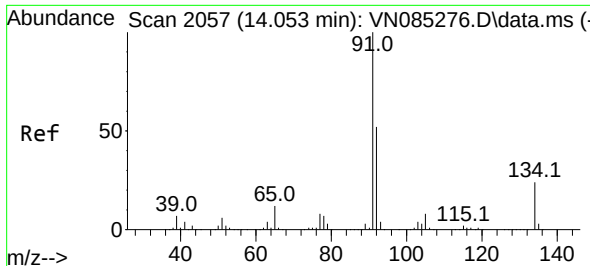
Tgt Ion:146 Resp: 80555
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.4 61.3
 148 63.7 31.1 93.5



#84
 1,4-Dichlorobenzene
 Concen: 18.862 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN085418.D
 Acq: 10 Jan 2025 10:56

Tgt Ion:146 Resp: 78237
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.7 62.1
 148 61.7 33.2 99.6

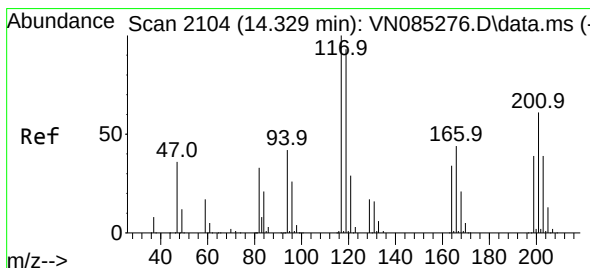
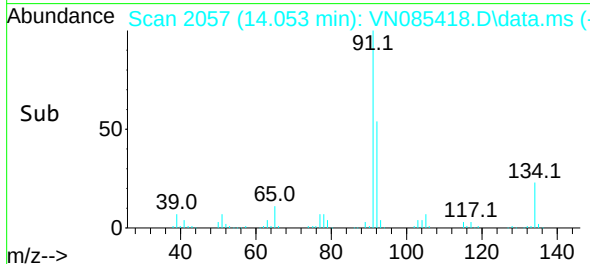
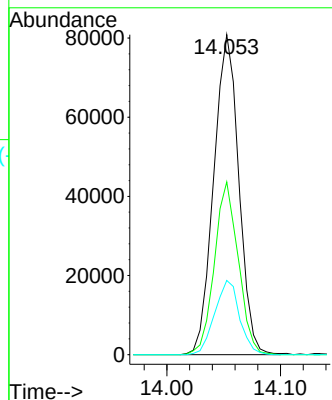
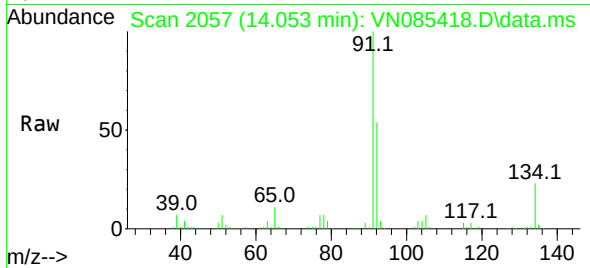




#85
n-Butylbenzene
Concen: 18.640 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

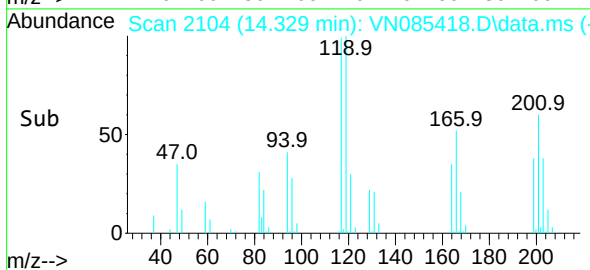
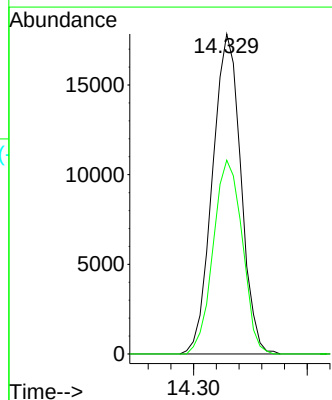
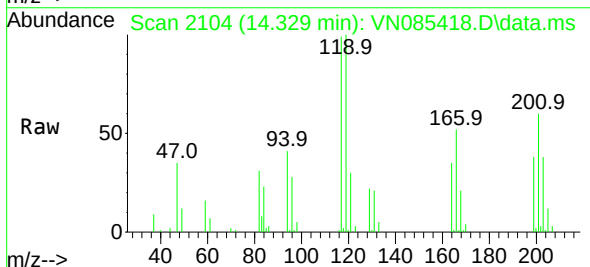
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

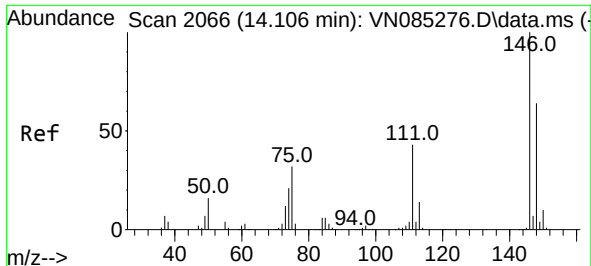
Tgt Ion: 91 Resp: 124250
Ion Ratio Lower Upper
91 100
92 51.3 0.0 102.0
134 22.9 0.0 46.4



#86
Hexachloroethane
Concen: 18.706 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion: 117 Resp: 31006
Ion Ratio Lower Upper
117 100
201 62.0 31.8 95.3





#87

1,2-Dichlorobenzene

Concen: 18.718 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

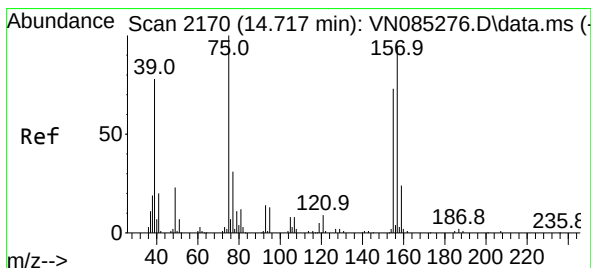
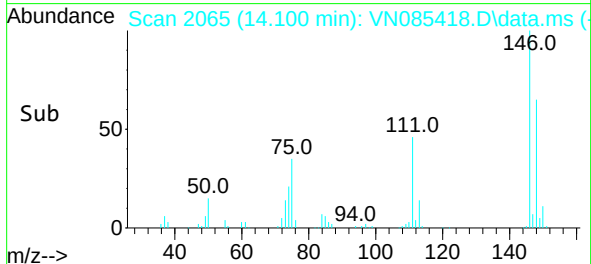
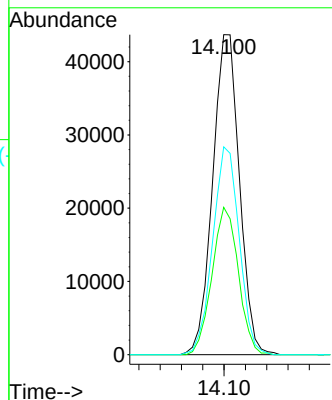
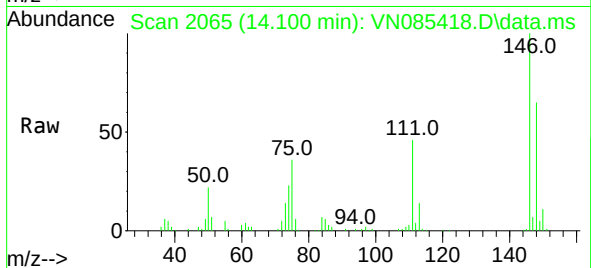
Tgt Ion:146 Resp: 76243

Ion Ratio Lower Upper

146 100

111 45.3 22.1 66.3

148 64.4 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.276 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

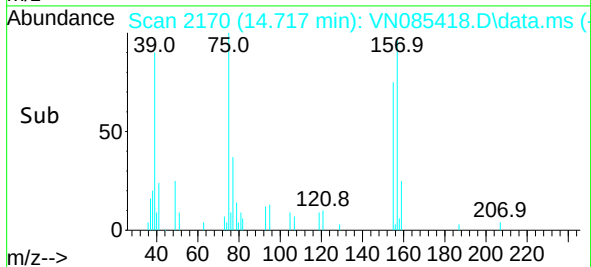
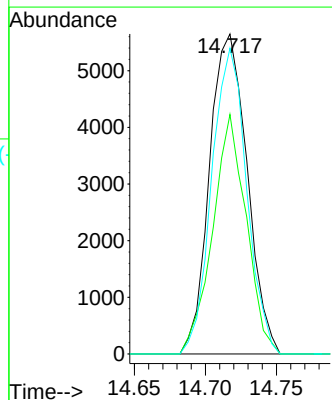
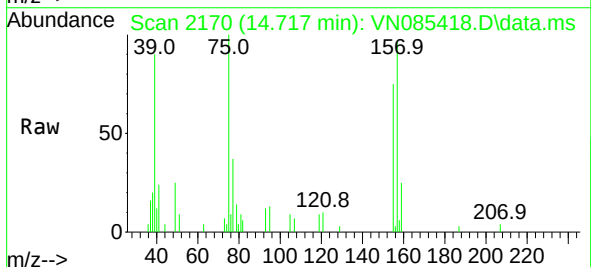
Tgt Ion: 75 Resp: 10409

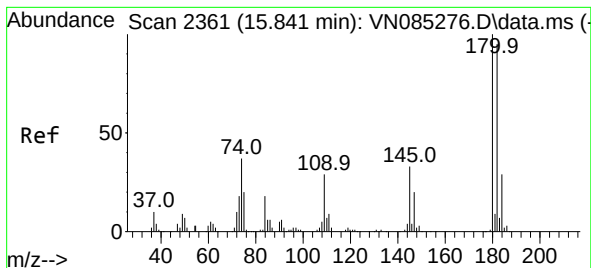
Ion Ratio Lower Upper

75 100

155 66.7 53.4 80.0

157 88.6 74.2 111.4





#89

1,2,4-Trichlorobenzene

Concen: 19.254 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

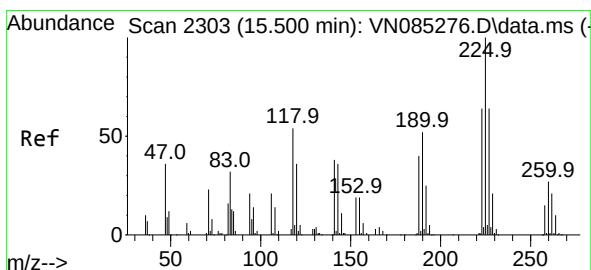
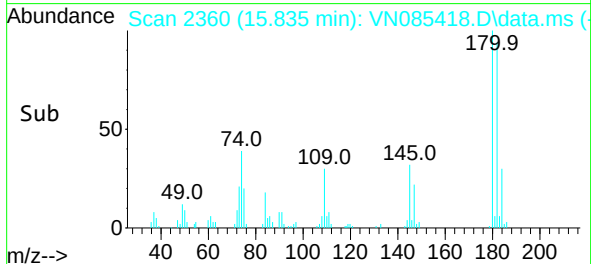
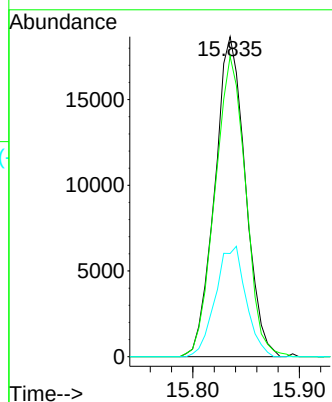
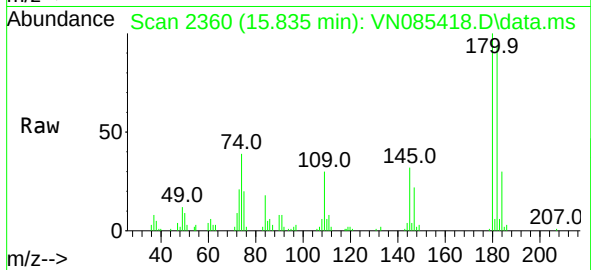
Tgt Ion:180 Resp: 37156

Ion Ratio Lower Upper

180 100

182 94.3 76.5 114.7

145 34.4 27.4 41.2



#90

Hexachlorobutadiene

Concen: 19.449 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085418.D

Acq: 10 Jan 2025 10:56

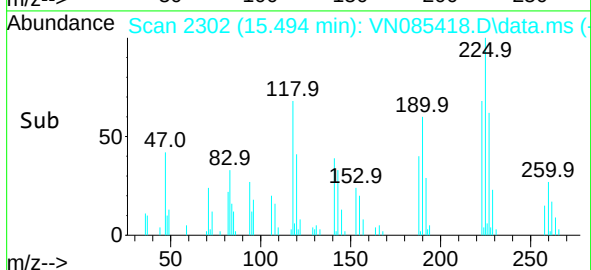
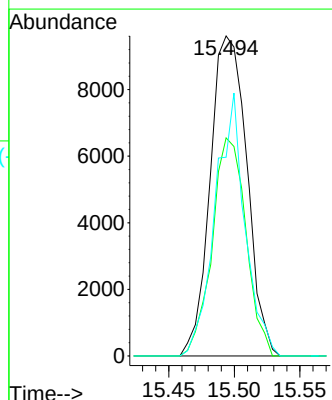
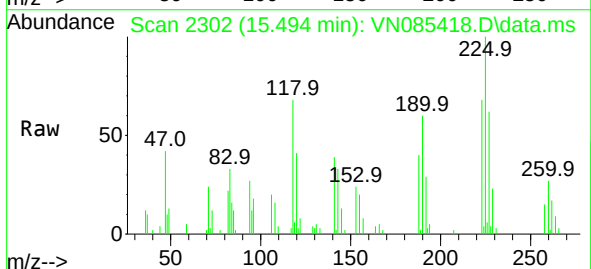
Tgt Ion:225 Resp: 18708

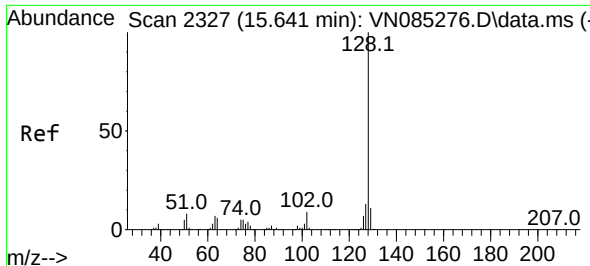
Ion Ratio Lower Upper

225 100

223 62.8 0.0 116.2

227 66.6 0.0 116.4

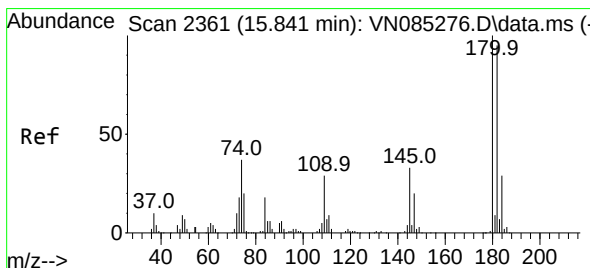
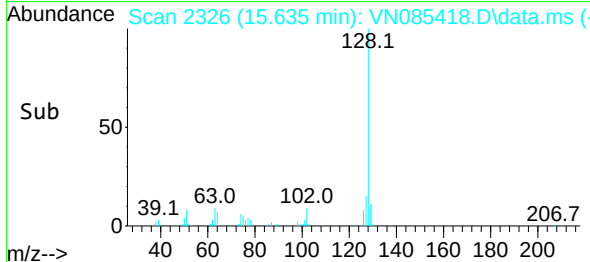
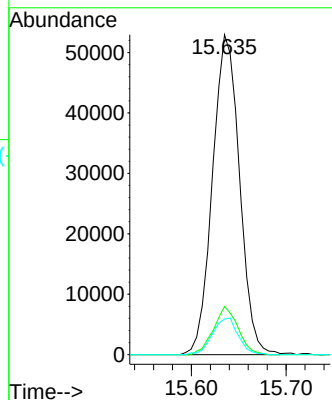
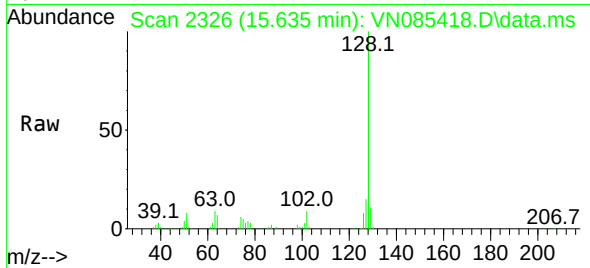




#91
Naphthalene
Concen: 16.934 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 104996
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 11.0 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 19.254 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085418.D
Acq: 10 Jan 2025 10:56

Tgt Ion:180 Resp: 37156
Ion Ratio Lower Upper
180 100
182 94.3 0.0 191.2
145 34.4 0.0 68.6

