

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120525\
 Data File : VN088463.D
 Acq On : 05 Dec 2025 08:56
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Dec 05 23:35:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 14 00:49:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.788	128	59227	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.077	114	320011	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	286792	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	176774	32.675	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 108.933%			
60) 4-Bromofluorobenzene	12.823	95	146237	30.164	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 100.533%			
63) Toluene-d8	10.541	98	428479	31.557	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	94184	22.622	ug/l	99
3) Chloromethane	2.383	50	93114	21.692	ug/l	90
4) Vinyl Chloride	2.536	62	95793	21.105	ug/l	96
5) Bromomethane	2.983	94	44880	18.545	ug/l	82
6) Chloroethane	3.148	64	62876	22.412	ug/l #	84
7) Trichlorofluoromethane	3.518	101	151070	23.740	ug/l	96
8) Diethyl Ether	3.965	74	50599	21.274	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	78344	23.468	ug/l	98
10) 1,1-Dichloroethene	4.347	96	72756	22.340	ug/l	90
11) Methyl Iodide	4.583	142	59928	17.291	ug/l	90
12) Methyl Acetate	5.018	43	117501	22.363	ug/l #	89
13) Acrolein	4.177	56	88903	115.004	ug/l	98
15) Acetone	4.424	58	44951	64.383	ug/l	78
16) Carbon Disulfide	4.706	76	228023	20.760	ug/l	100
17) Allyl chloride	5.018	41	126570	19.999	ug/l	96
18) Methylene Chloride	5.265	84	86355	21.332	ug/l	90
19) trans-1,2-Dichloroethene	5.771	96	80133	21.130	ug/l	94
20) Diisopropyl ether	6.653	45	297553	22.002	ug/l	98
21) 1,1-Dichloroethane	6.547	63	170394	22.364	ug/l	97
22) cis-1,2-Dichloroethene	7.471	96	93887	21.300	ug/l	99
23) tert-Butyl Alcohol	5.506	59	73408	83.618	ug/l #	100
24) Methyl tert-Butyl Ether	5.783	73	272854	20.779	ug/l	100
25) Chloroform	7.947	83	173494	22.980	ug/l	97
26) Cyclohexane	8.235	56	138559	21.529	ug/l #	91
29) 1,1-Dichloropropene	8.347	75	118022	22.103	ug/l	97
30) 2-Butanone	7.465	43	299279	86.649	ug/l	98
31) 2,2-Dichloropropane	7.471	77	151175	22.955	ug/l	99
32) 1,1,1-Trichloroethane	8.147	97	152208	23.124	ug/l	99
33) Carbon Tetrachloride	8.341	117	128007	22.773	ug/l	98
34) Benzene	8.582	78	346069	21.683	ug/l	96
35) Methacrylonitrile	7.759	41	77135	21.410	ug/l	99
36) 1,2-Dichloroethane	8.647	62	141611	22.799	ug/l	97
37) Trichloroethene	9.329	130	76599	21.178	ug/l	91
38) Methylcyclohexane	9.577	83	121021	19.770	ug/l	97
39) 1,2-Dichloropropane	9.594	63	91062	22.115	ug/l	92
40) Dibromomethane	9.688	93	64817	21.909	ug/l	99
41) Bromodichloromethane	9.865	83	134133	22.522	ug/l	95
42) Vinyl Acetate	6.588	43	1303384	113.063	ug/l	97
43) Ethyl Acetate	7.541	43	132211	19.025	ug/l	97

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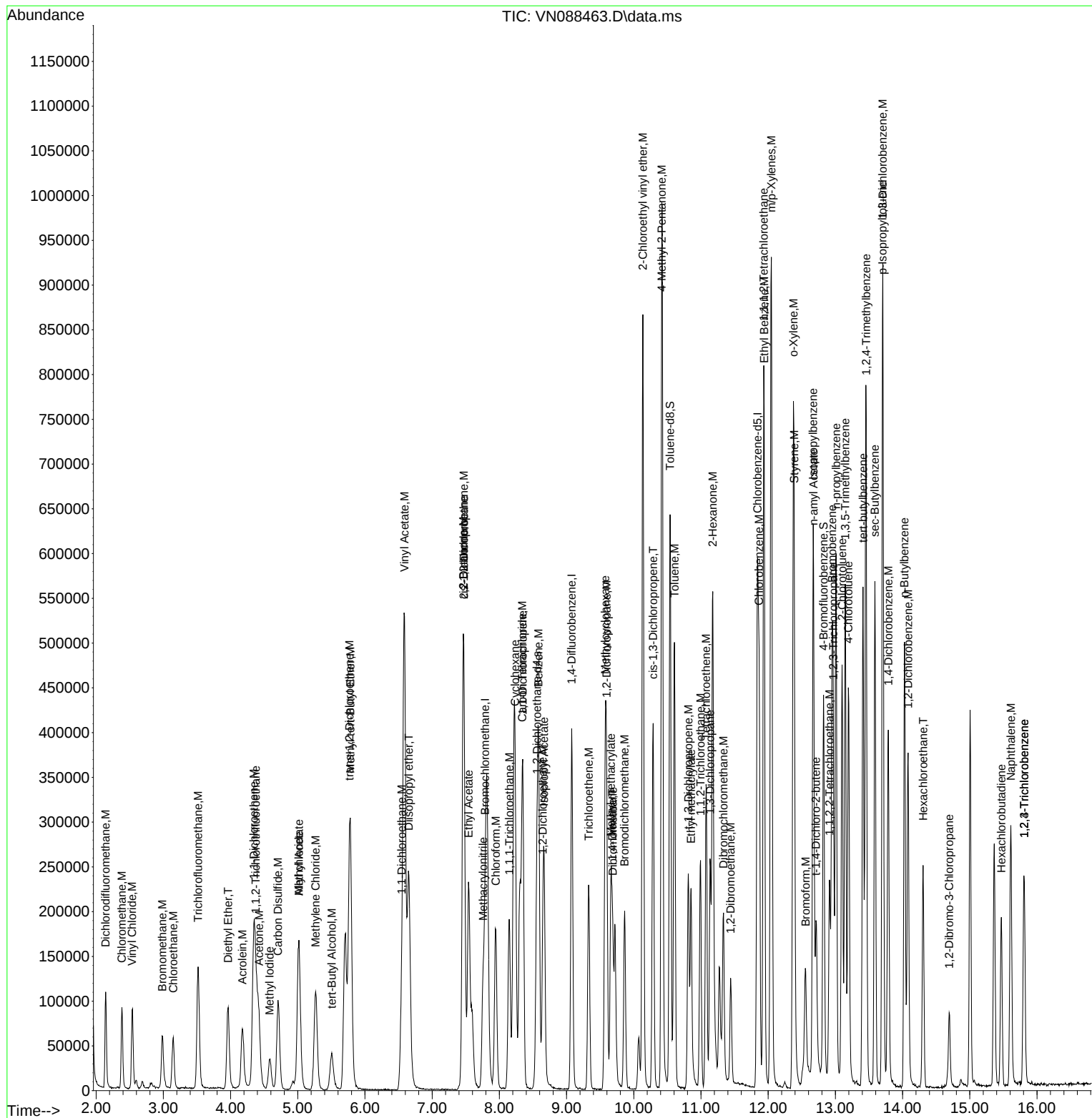
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.665	43	222294	20.756	ug/l	98
45) 1,4-Dioxane	9.682	88	20867	323.546	ug/l	95
46) Methyl methacrylate	9.659	41	96475	19.250	ug/l	90
47) n-amyl Acetate	12.676	43	19354	3.566	ug/l #	100
48) t-1,3-Dichloropropene	10.812	75	130395	20.470	ug/l	98
49) cis-1,3-Dichloropropene	10.288	75	145247	21.914	ug/l	94
50) 1,1,2-Trichloroethane	10.994	97	78702	21.514	ug/l	97
51) Ethyl methacrylate	10.853	69	122189	20.301	ug/l	95
52) 1,3-Dichloropropane	11.135	76	142499	21.389	ug/l	98
53) Dibromochloromethane	11.335	129	89109	21.206	ug/l	96
54) 1,2-Dibromoethane	11.441	107	78256	20.588	ug/l	98
55) 2-Chloroethyl vinyl ether	10.135	63	371373	107.114	ug/l	99
56) Bromoform	12.559	173	53681	20.183	ug/l	98
58) 4-Methyl-2-Pentanone	10.418	43	707806	109.119	ug/l	98
59) 2-Hexanone	11.176	43	426609	99.045	ug/l	98
61) Tetrachloroethene	11.076	164	69724	23.580	ug/l	96
62) Toluene	10.606	91	360586	21.910	ug/l	99
64) Chlorobenzene	11.865	112	216153	21.206	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.935	131	76739	21.996	ug/l	98
66) Ethyl Benzene	11.941	91	387071	21.339	ug/l	99
67) m/p-Xylenes	12.047	106	288470	42.527	ug/l	96
68) o-Xylene	12.376	106	133315	20.834	ug/l	100
69) Styrene	12.388	104	233398	21.476	ug/l	99
70) Isopropylbenzene	12.670	105	358264	21.126	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.912	83	116013	21.119	ug/l	99
72) 1,2,3-Trichloropropane	12.970	75	158195	29.727	ug/l	57
73) Bromobenzene	12.953	156	81337	21.245	ug/l	97
74) n-propylbenzene	13.012	91	452151	21.545	ug/l	99
75) 2-Chlorotoluene	13.100	91	265903	20.837	ug/l	98
76) 1,3,5-Trimethylbenzene	13.147	105	294960	20.721	ug/l	99
77) t-1,4-Dichloro-2-butene	12.712	75	38743	21.200	ug/l	86
78) 4-Chlorotoluene	13.194	91	279836	21.639	ug/l	99
79) tert-butylbenzene	13.412	119	245070	20.109	ug/l	97
80) 1,2,4-Trimethylbenzene	13.459	105	297403	21.010	ug/l	97
81) sec-Butylbenzene	13.588	105	367360	20.666	ug/l	99
82) p-Isopropyltoluene	13.700	119	298050	20.292	ug/l	99
83) 1,3-Dichlorobenzene	13.706	146	159510	21.444	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	163238	21.670	ug/l	97
85) n-Butylbenzene	14.029	91	281516	20.110	ug/l	99
86) Hexachloroethane	14.306	117	51931	18.465	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	145745	20.758	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.694	75	25886	20.048	ug/l	94
89) 1,2,4-Trichlorobenzene	15.811	180	78169	19.840	ug/l	99
90) Hexachlorobutadiene	15.470	225	29984	19.596	ug/l	99
91) Naphthalene	15.611	128	267411	18.758	ug/l	98
92) 1,2,3-Trichlorobenzene	15.811	180	78169	19.840	ug/l	99

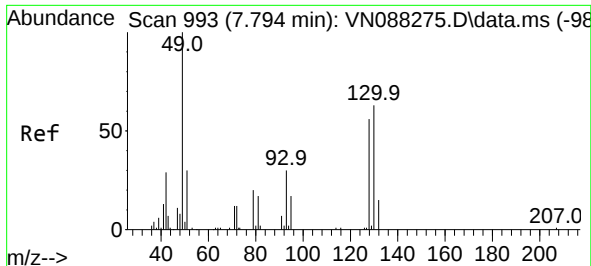
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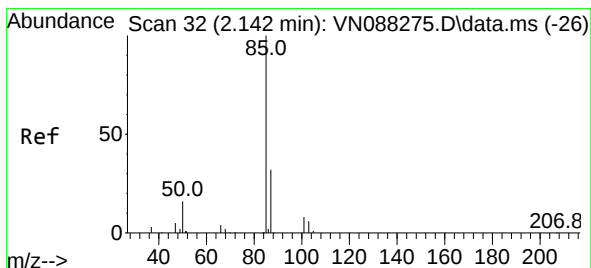
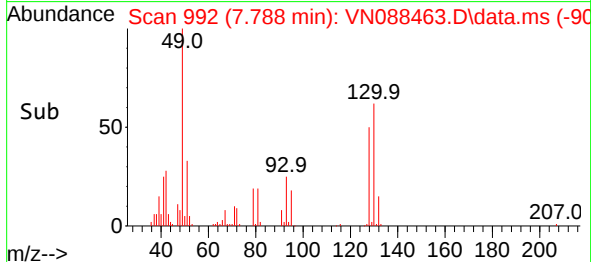
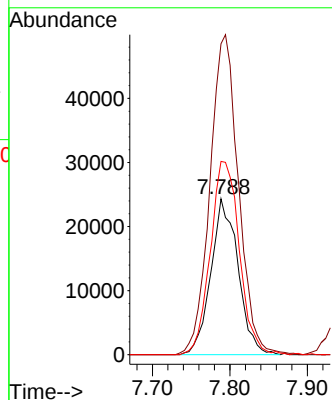
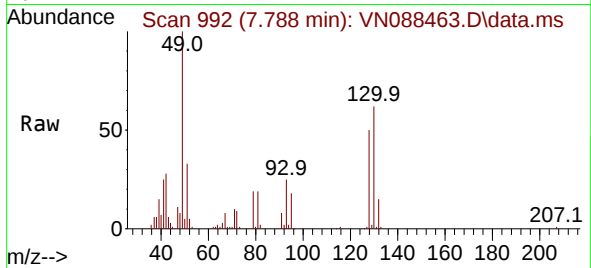




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.788 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088463.D
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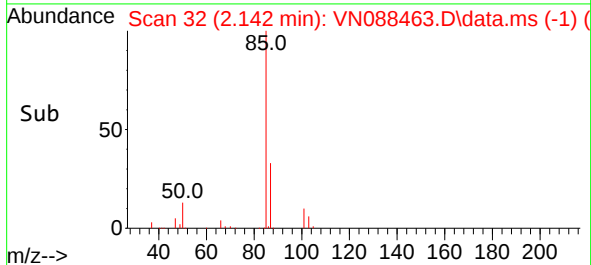
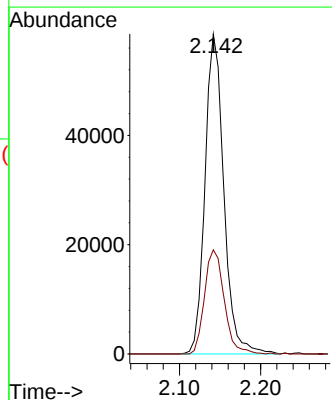
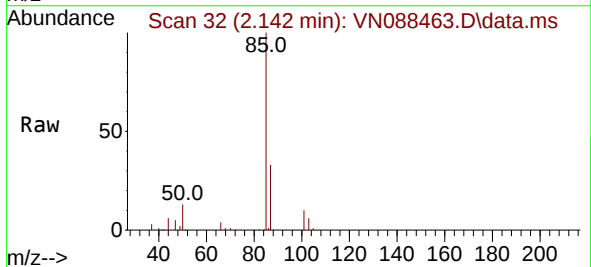
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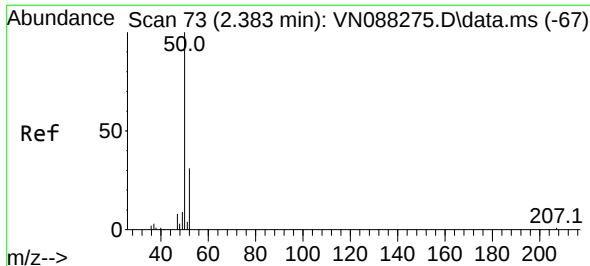
Tgt Ion:128 Resp: 59227
Ion Ratio Lower Upper
128 100
49 215.9 0.0 501.2
130 132.7 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 22.622 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 85 Resp: 94184
Ion Ratio Lower Upper
85 100
87 32.6 16.0 48.0

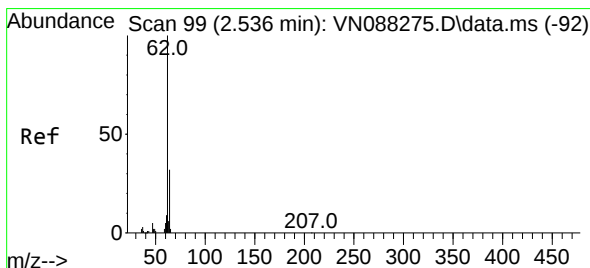
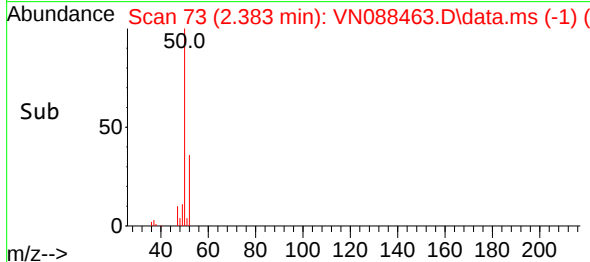
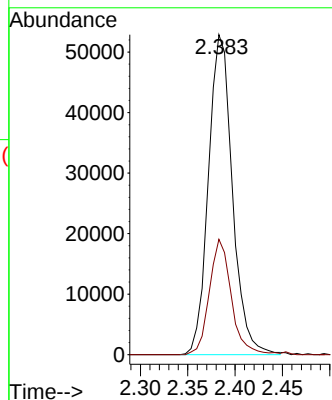
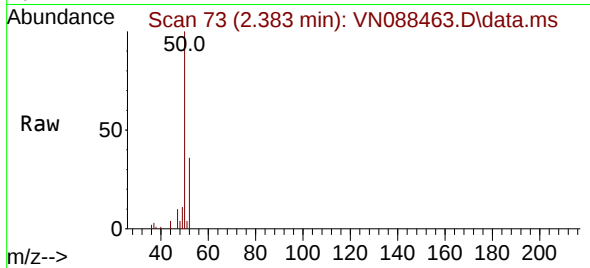




#3
Chloromethane
Concen: 21.692 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

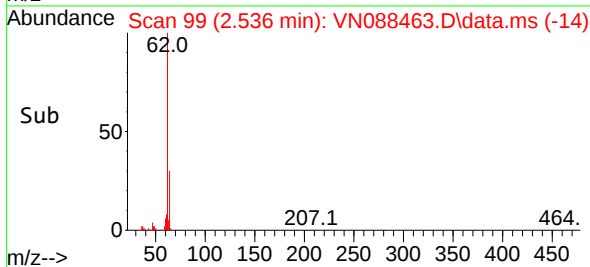
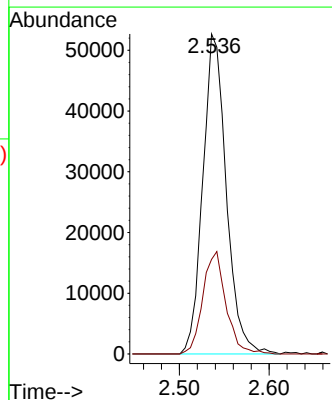
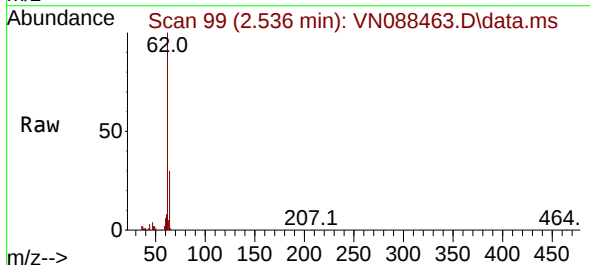
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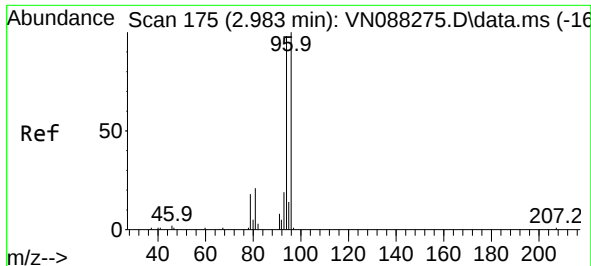
Tgt Ion: 50 Resp: 93114
Ion Ratio Lower Upper
50 100
52 36.1 24.6 36.8



#4
Vinyl Chloride
Concen: 21.105 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 62 Resp: 95793
Ion Ratio Lower Upper
62 100
64 29.6 25.4 38.2

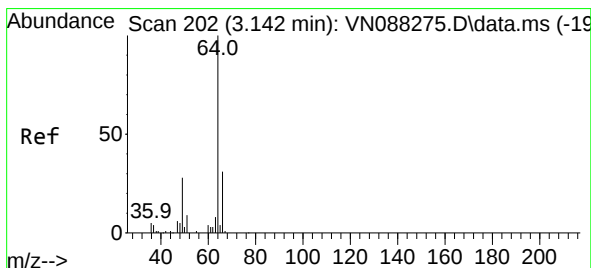
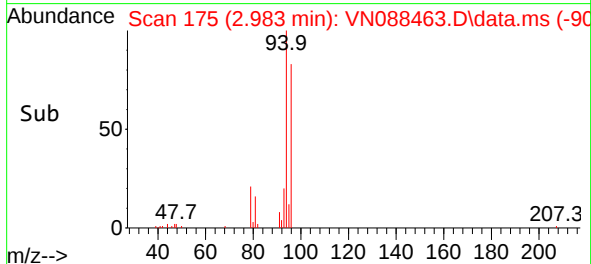
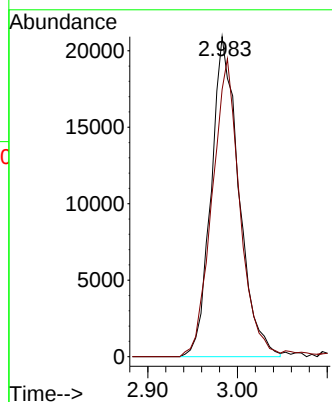
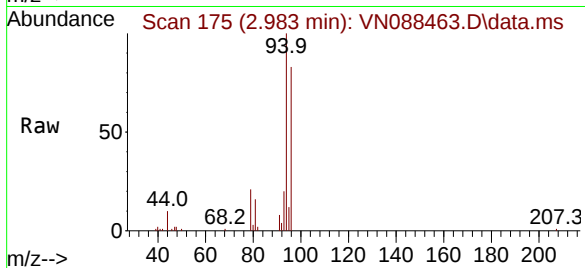




#5
Bromomethane
Concen: 18.545 ug/l
RT: 2.983 min Scan# 11
Delta R.T. -0.000 min
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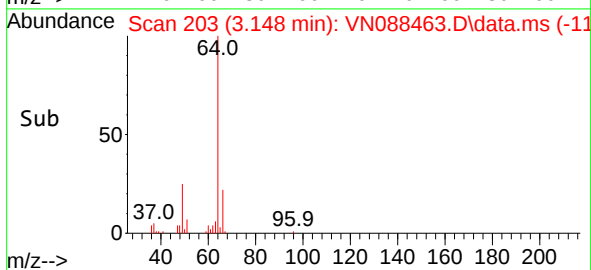
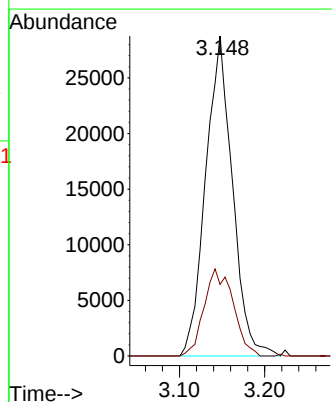
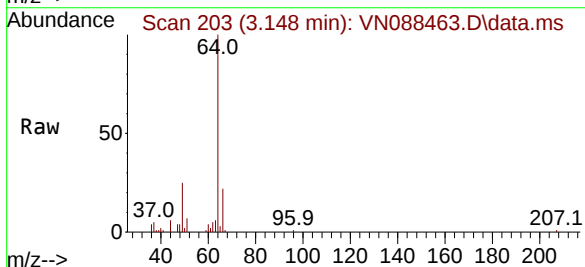
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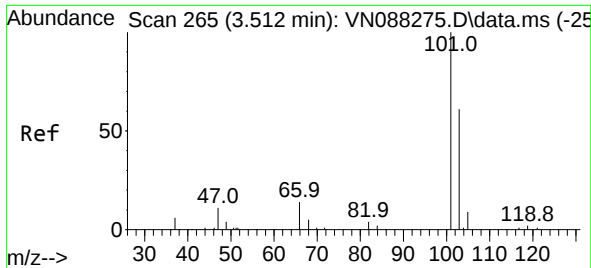
Tgt Ion: 94 Resp: 44880
Ion Ratio Lower Upper
94 100
96 83.5 81.3 121.9



#6
Chloroethane
Concen: 22.412 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 64 Resp: 62876
Ion Ratio Lower Upper
64 100
66 22.3 24.7 37.1#

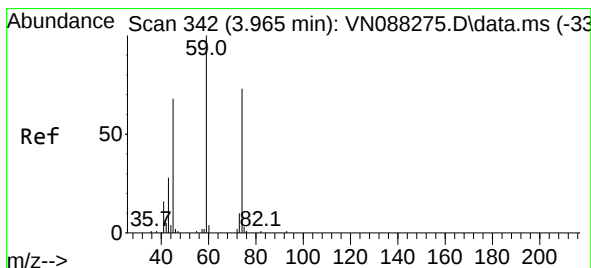
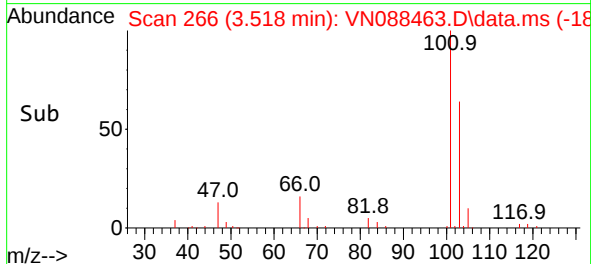
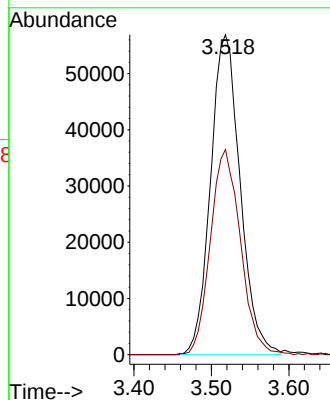
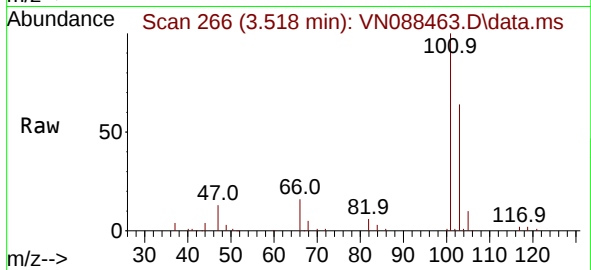




#7
Trichlorofluoromethane
Concen: 23.740 ug/l
RT: 3.518 min Scan# 265
Delta R.T. 0.006 min
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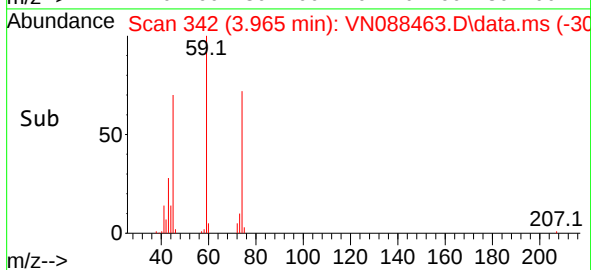
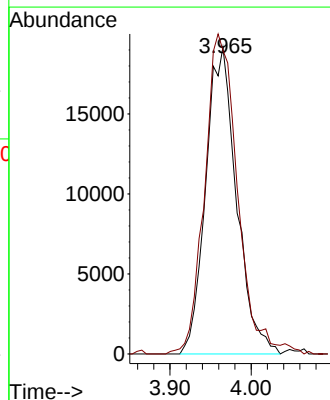
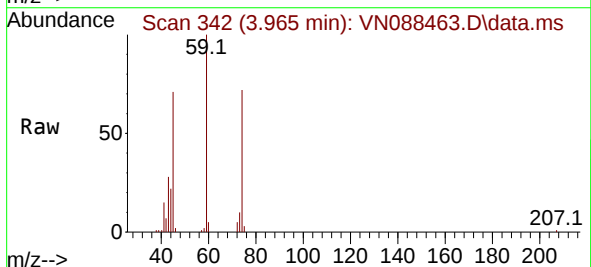
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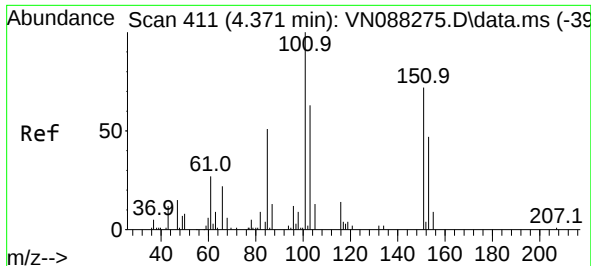
Tgt Ion:101 Resp: 151070
Ion Ratio Lower Upper
101 100
103 63.8 48.6 73.0



#8
Diethyl Ether
Concen: 21.274 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 74 Resp: 50599
Ion Ratio Lower Upper
74 100
45 108.1 20.9 187.7

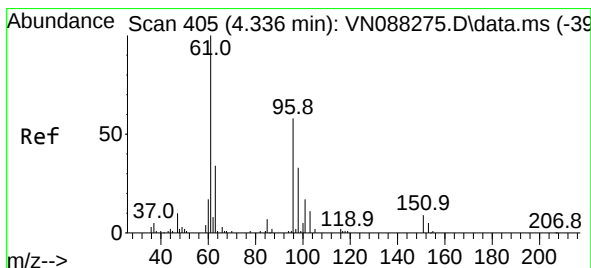
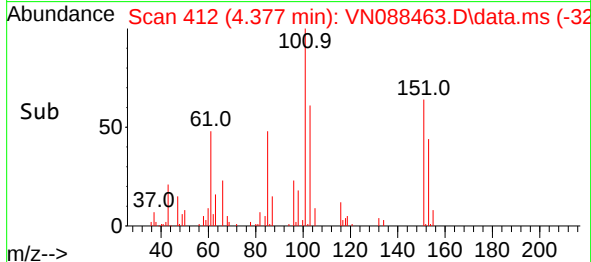
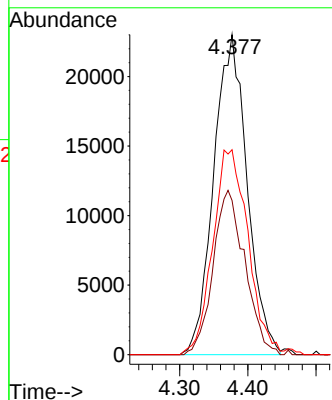
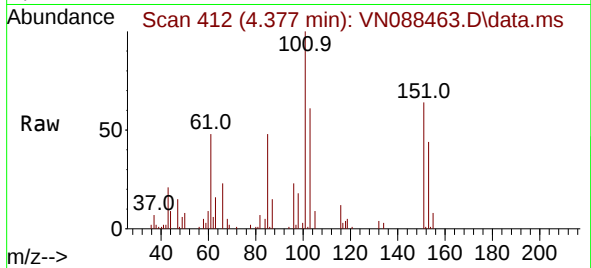




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 23.468 ug/l
 RT: 4.377 min Scan# 411
 Delta R.T. 0.006 min
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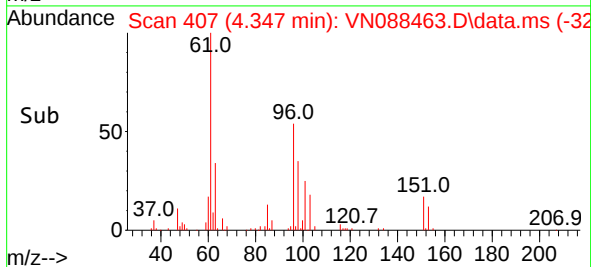
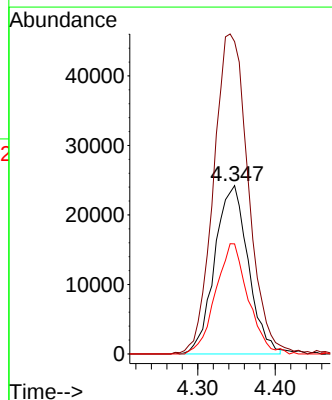
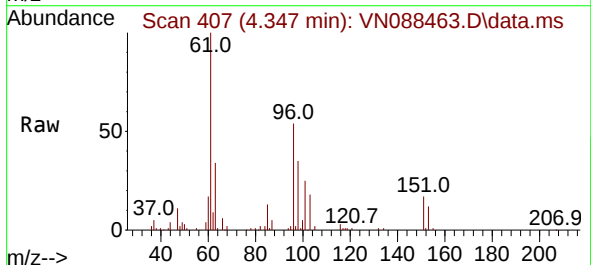
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 ClientSampleId :
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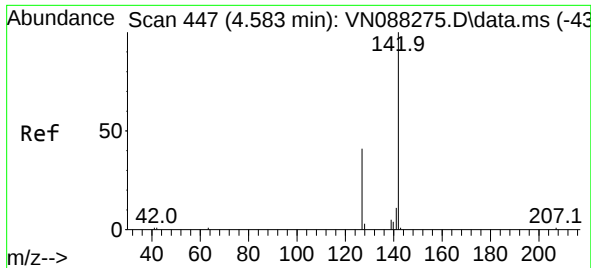
Tgt Ion:101 Resp: 78344
 Ion Ratio Lower Upper
 101 100
 85 49.0 0.0 100.8
 151 67.6 0.0 138.4



#10
 1,1-Dichloroethene
 Concen: 22.340 ug/l
 RT: 4.347 min Scan# 407
 Delta R.T. 0.012 min
 Lab File: VN088463.D
 Acq: 05 Dec 2025 08:56

Tgt Ion: 96 Resp: 72756
 Ion Ratio Lower Upper
 96 100
 61 184.9 137.8 206.8
 98 65.4 45.6 68.4

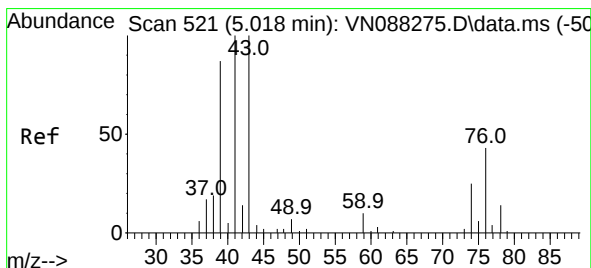
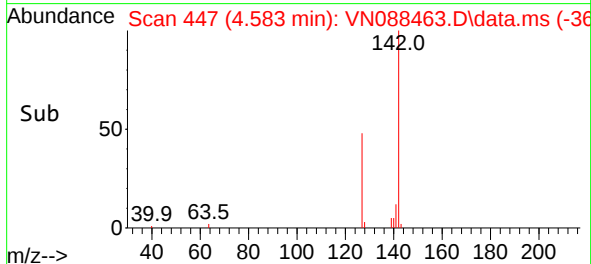
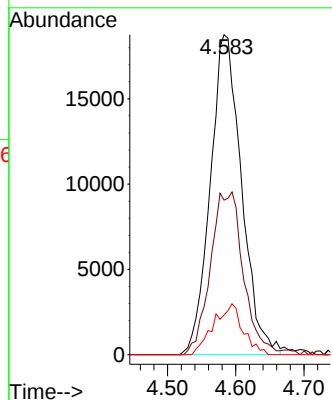
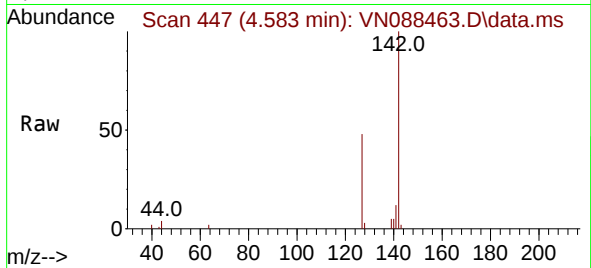




#11
Methyl Iodide
Concen: 17.291 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

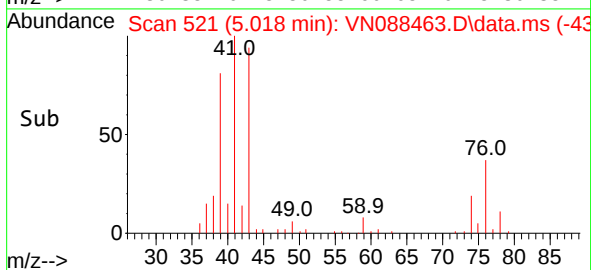
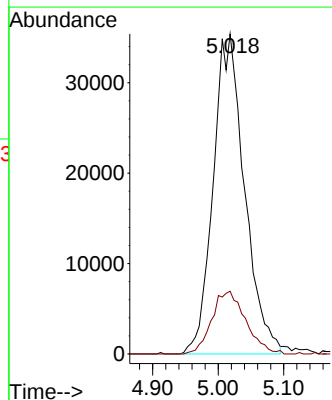
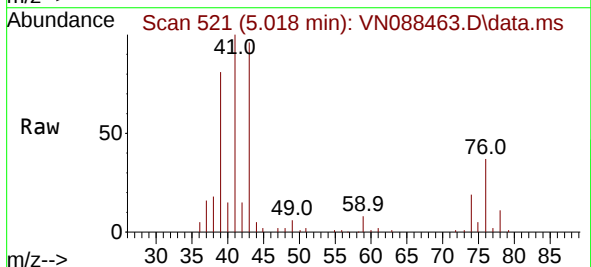
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

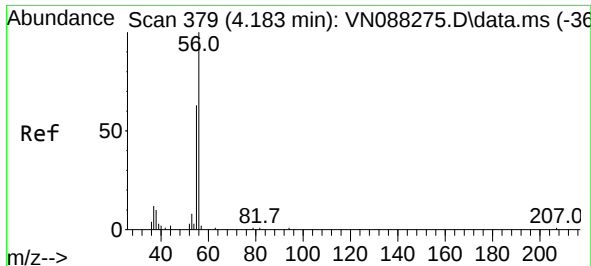
Tgt Ion:142 Resp: 59928
Ion Ratio Lower Upper
142 100
127 48.2 20.4 61.2
141 12.5 5.6 16.8



#12
Methyl Acetate
Concen: 22.363 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 43 Resp: 117501
Ion Ratio Lower Upper
43 100
74 19.3 19.8 29.8#

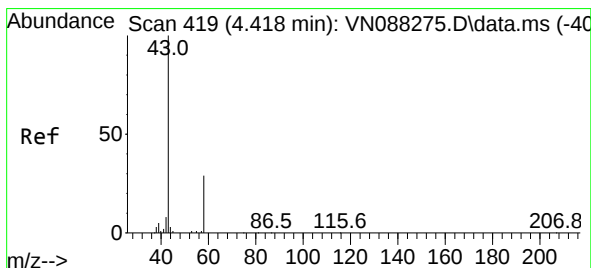
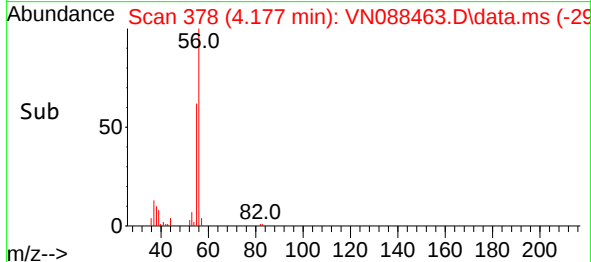
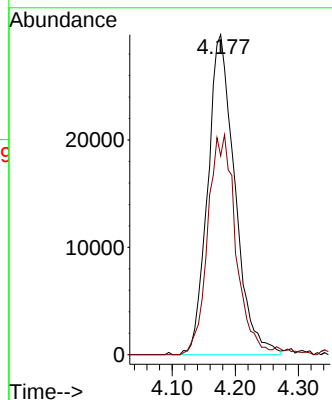
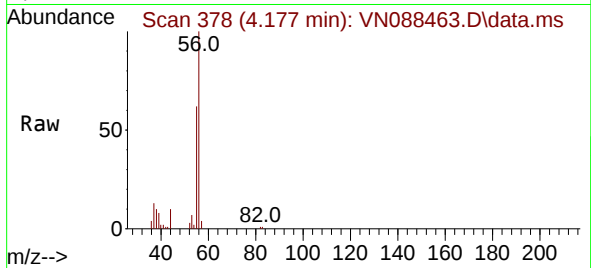




#13
Acrolein
Concen: 115.004 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

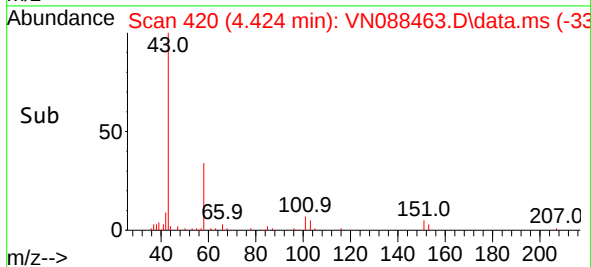
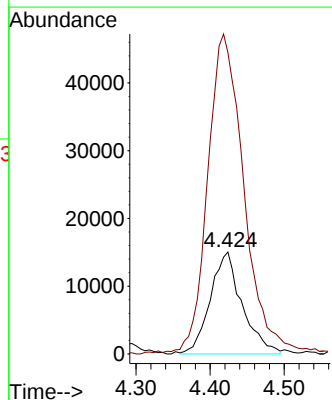
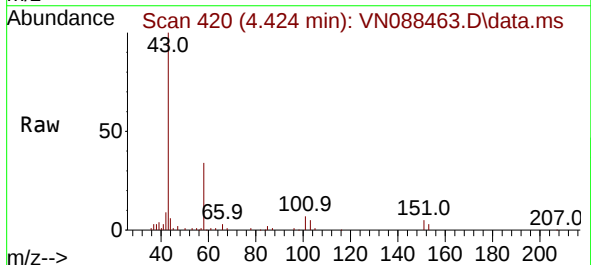
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

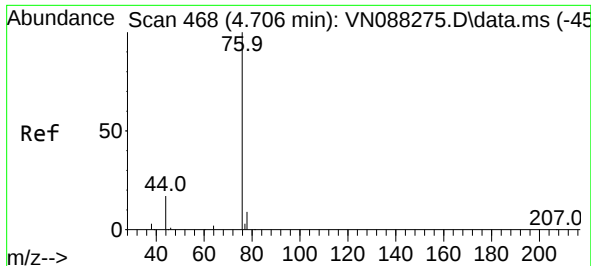
Tgt Ion: 56 Resp: 88903
Ion Ratio Lower Upper
56 100
55 70.7 57.9 86.9



#15
Acetone
Concen: 64.383 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 58 Resp: 44951
Ion Ratio Lower Upper
58 100
43 294.4 273.9 410.9

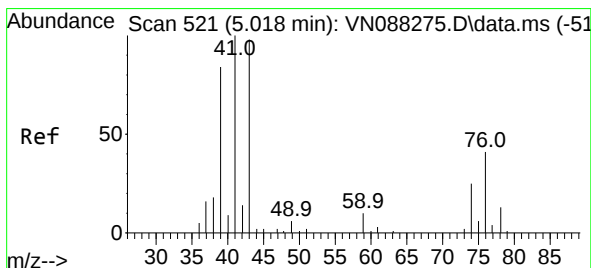
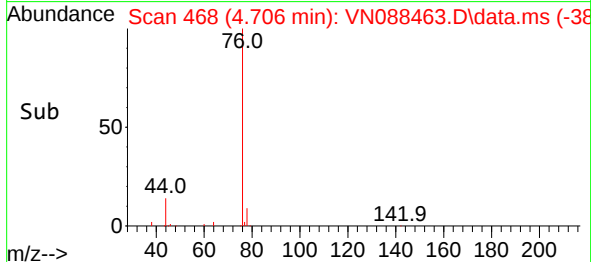
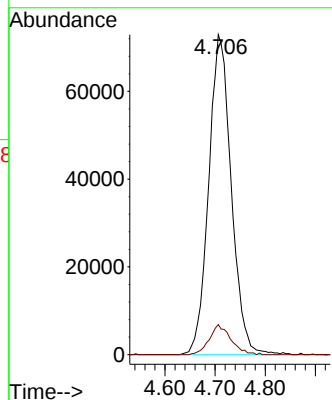
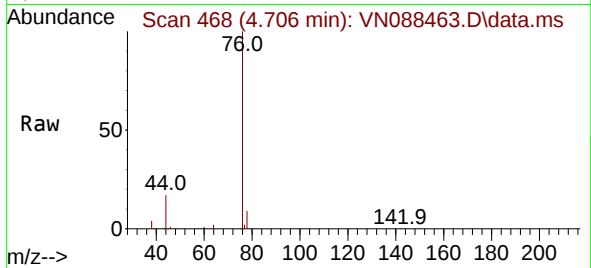




#16
Carbon Disulfide
Concen: 20.760 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

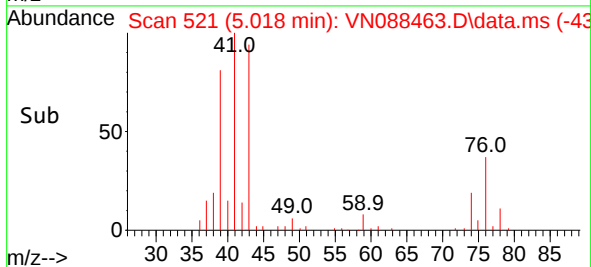
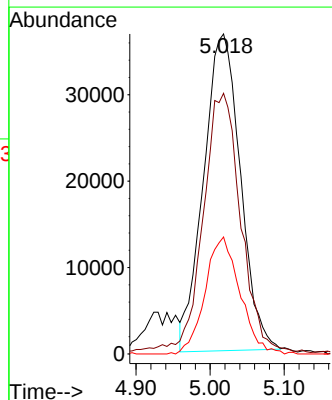
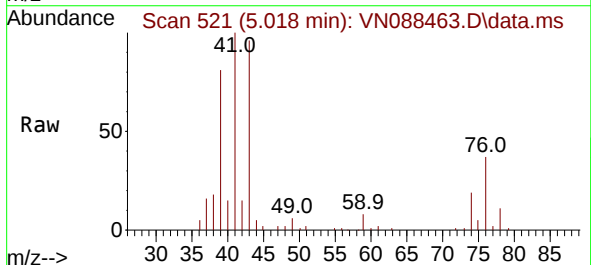
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

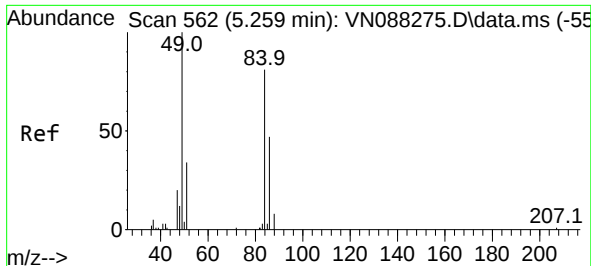
Tgt Ion: 76 Resp: 228023
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#17
Allyl chloride
Concen: 19.999 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 41 Resp: 126570
Ion Ratio Lower Upper
41 100
39 80.8 38.3 114.9
76 36.2 18.5 55.5

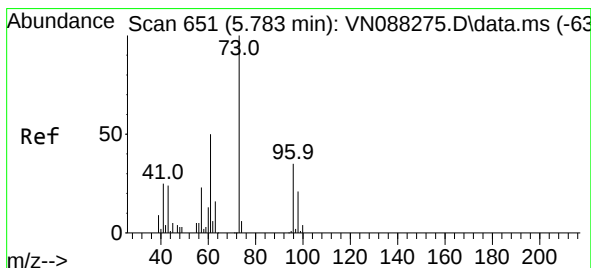
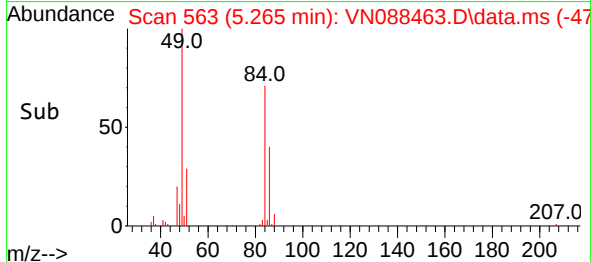
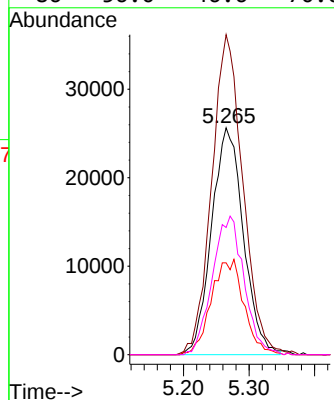
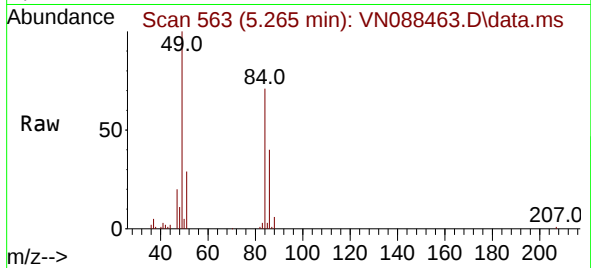




#18
Methylene Chloride
Concen: 21.332 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

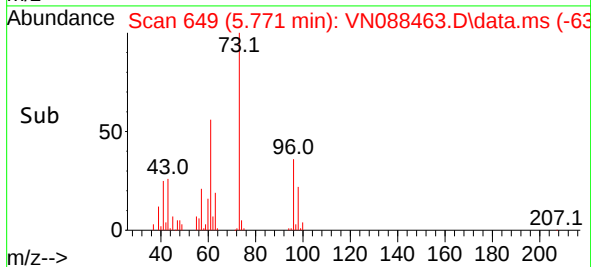
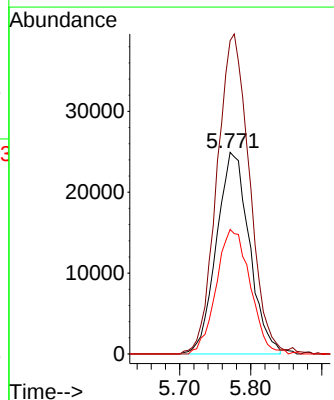
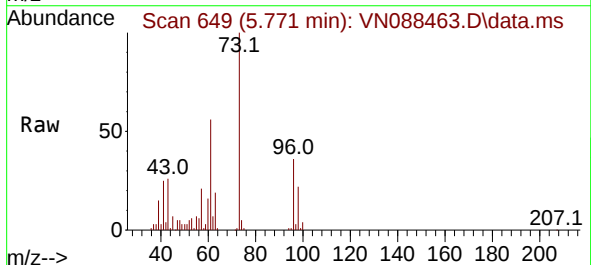
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

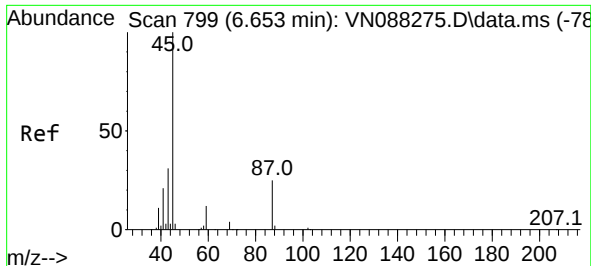
Tgt Ion:	84	Resp:	86355
Ion	Ratio	Lower	Upper
84	100		
49	140.4	98.7	148.1
51	40.4	33.7	50.5
86	56.0	46.6	70.0



#19
trans-1,2-Dichloroethene
Concen: 21.130 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion:	96	Resp:	80133
Ion	Ratio	Lower	Upper
96	100		
61	155.4	117.0	175.4
98	61.8	48.6	72.8



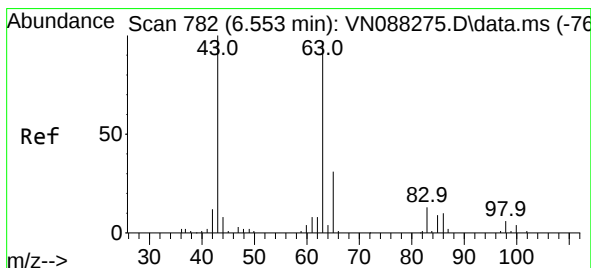
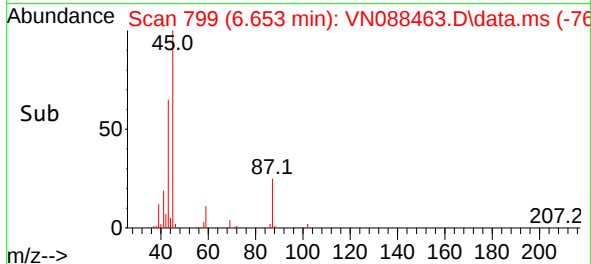
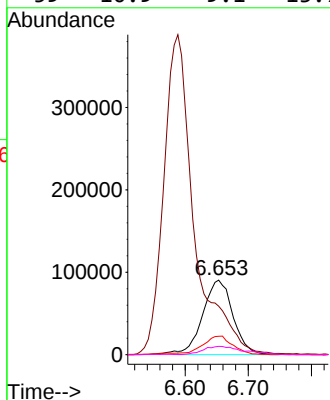
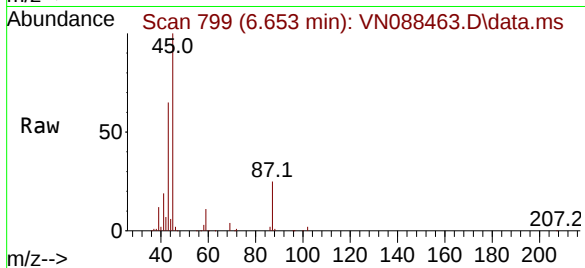


#20
Diisopropyl ether
Concen: 22.002 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 45 Resp: 297553

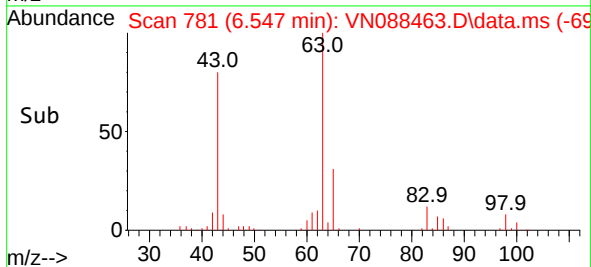
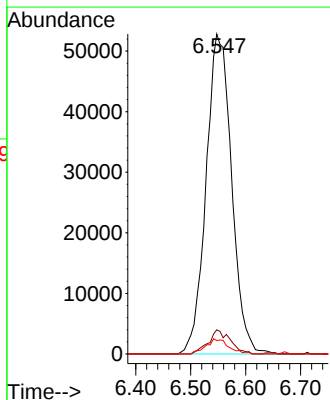
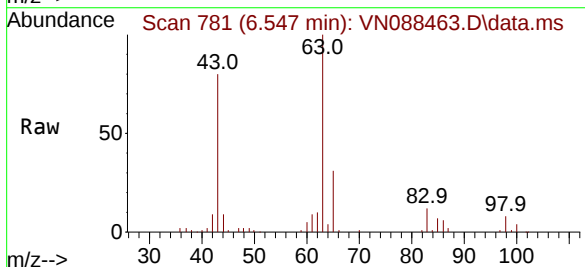
Ion	Ratio	Lower	Upper
45	100		
43	63.5	51.9	77.9
87	24.6	21.1	31.7
59	10.9	9.1	13.7

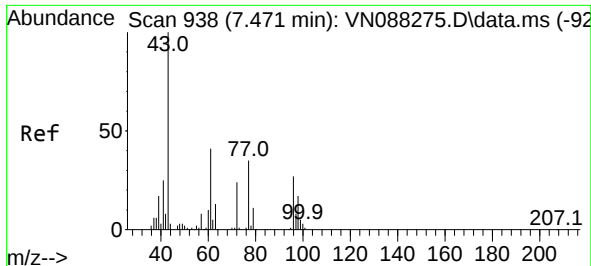


#21
1,1-Dichloroethane
Concen: 22.364 ug/l
RT: 6.547 min Scan# 781
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 63 Resp: 170394

Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.0	9.0
100	4.2	2.1	6.3

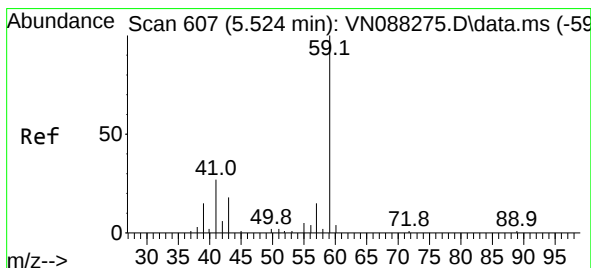
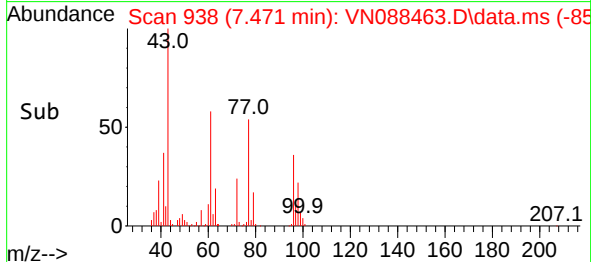
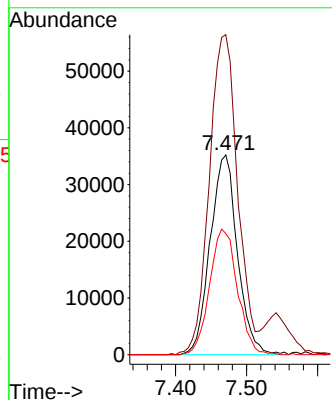
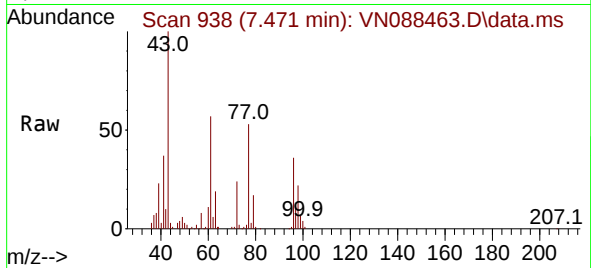




#22
 cis-1,2-Dichloroethene
 Concen: 21.300 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN088463.D
 Acq: 05 Dec 2025 08:56

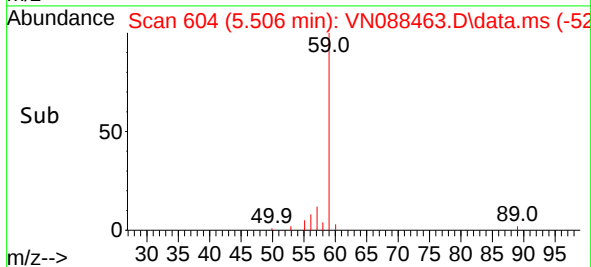
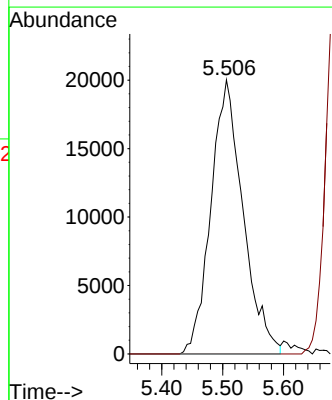
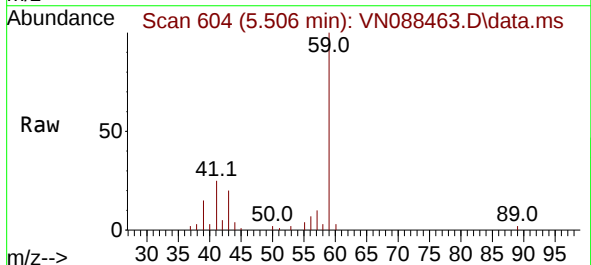
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

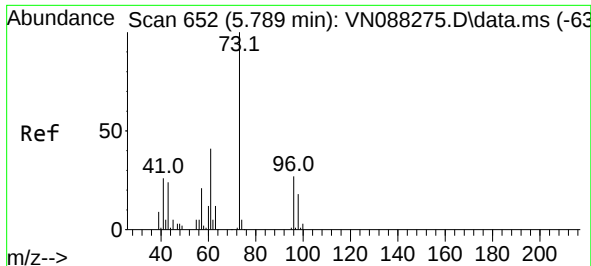
Tgt Ion:	96	Resp:	93887
Ion	Ratio	Lower	Upper
96	100		
61	165.3	131.2	196.8
98	64.1	51.0	76.4



#23
 tert-Butyl Alcohol
 Concen: 83.618 ug/l
 RT: 5.506 min Scan# 604
 Delta R.T. -0.018 min
 Lab File: VN088463.D
 Acq: 05 Dec 2025 08:56

Tgt Ion:	59	Resp:	73408
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

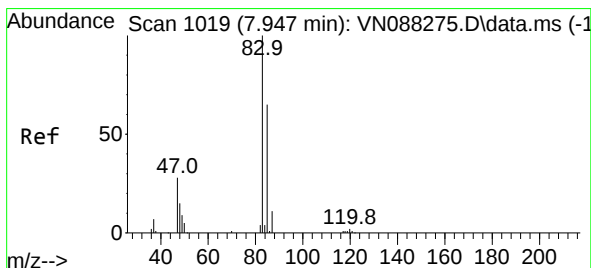
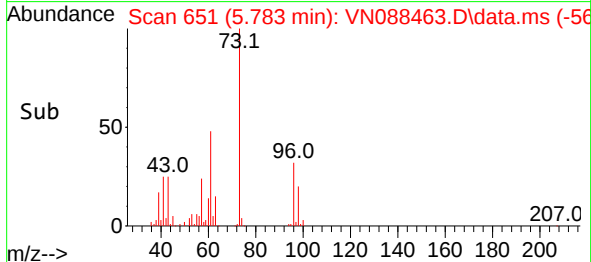
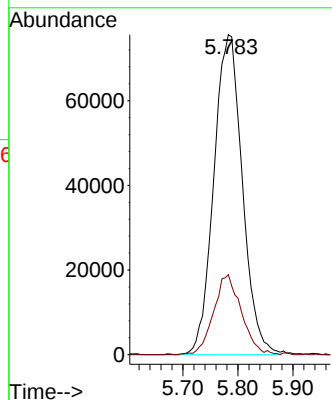
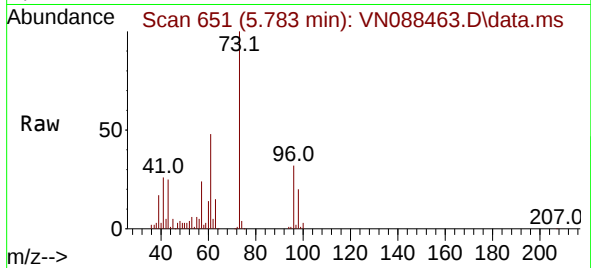




#24
Methyl tert-Butyl Ether
Concen: 20.779 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

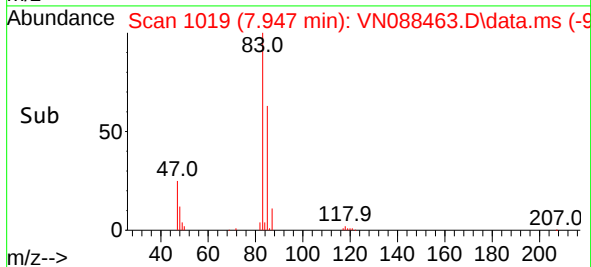
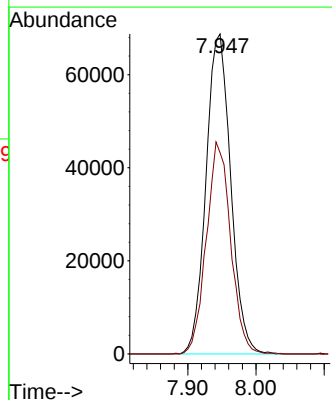
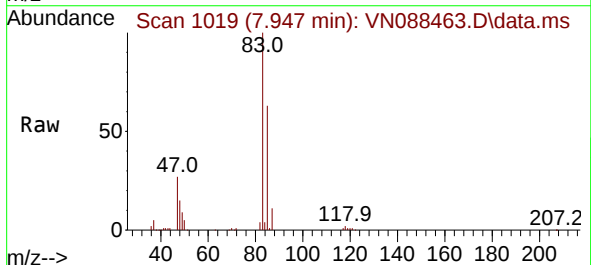
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

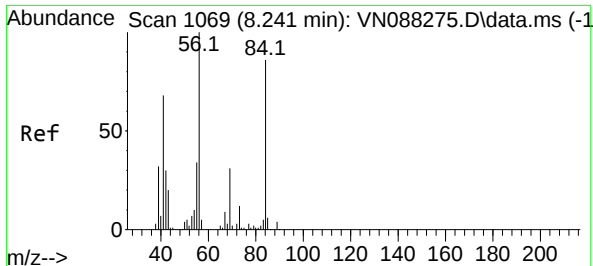
Tgt Ion: 73 Resp: 272854
Ion Ratio Lower Upper
73 100
43 23.2 18.5 27.7



#25
Chloroform
Concen: 22.980 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 83 Resp: 173494
Ion Ratio Lower Upper
83 100
85 62.9 52.2 78.4

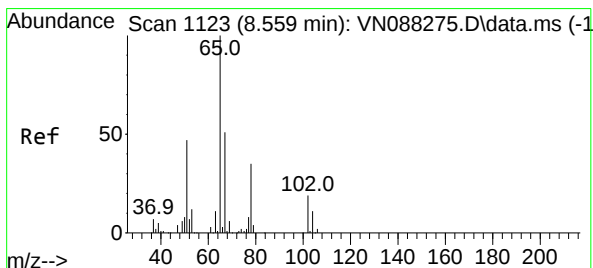
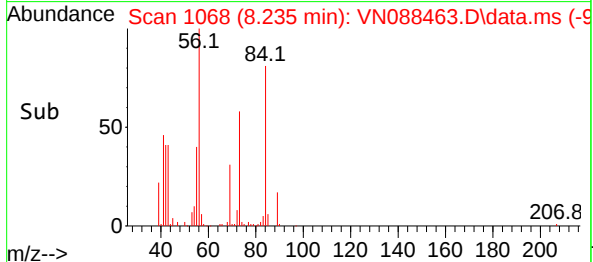
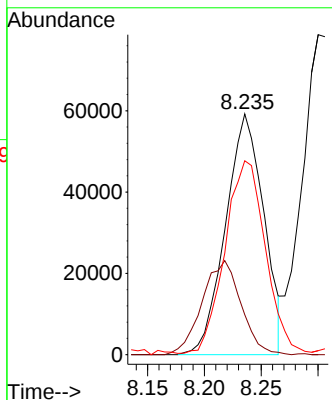
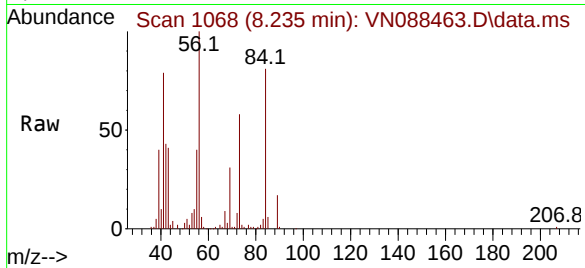




#26
Cyclohexane
Concen: 21.529 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

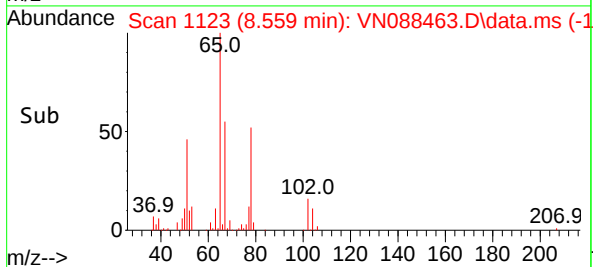
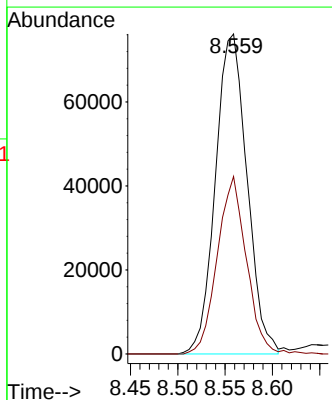
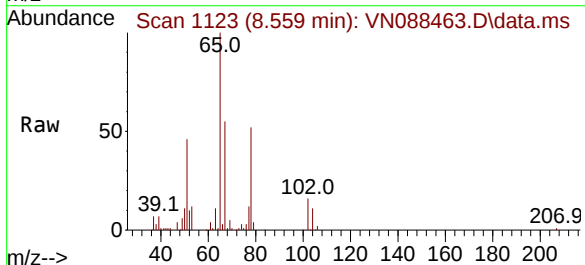
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

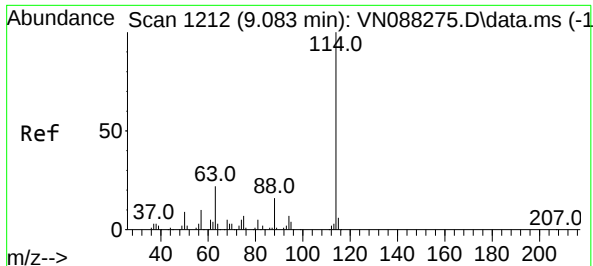
Tgt Ion: 56 Resp: 138559
Ion Ratio Lower Upper
56 100
89 39.7 7.3 10.9#
84 85.9 67.8 101.8



#27
1,2-Dichloroethane-d4
Concen: 32.675 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 65 Resp: 176774
Ion Ratio Lower Upper
65 100
67 51.0 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.077 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088463.D

Acq: 05 Dec 2025 08:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

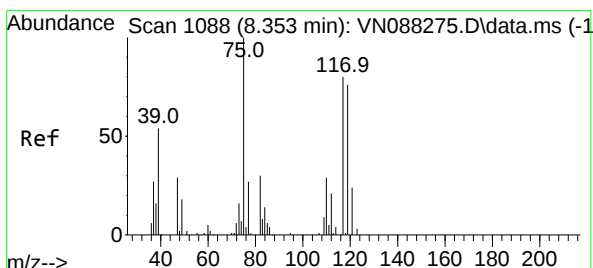
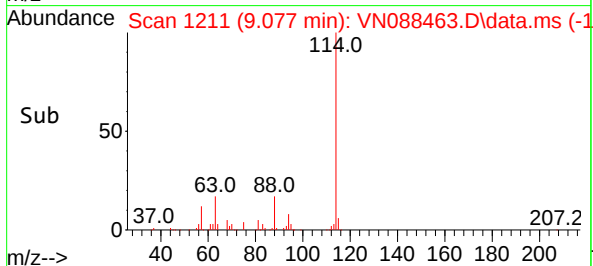
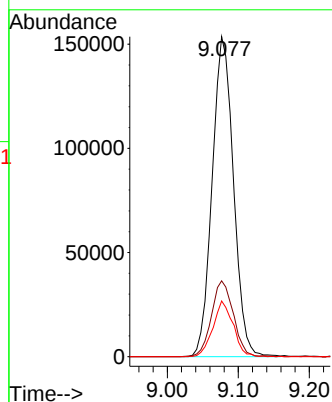
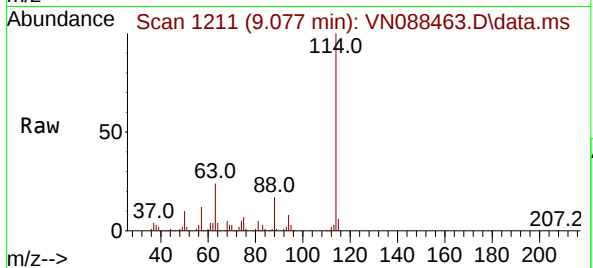
Tgt Ion:114 Resp: 320011

Ion Ratio Lower Upper

114 100

63 24.2 18.9 28.3

88 16.5 12.8 19.2



#29

1,1-Dichloropropene

Concen: 22.103 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN088463.D

Acq: 05 Dec 2025 08:56

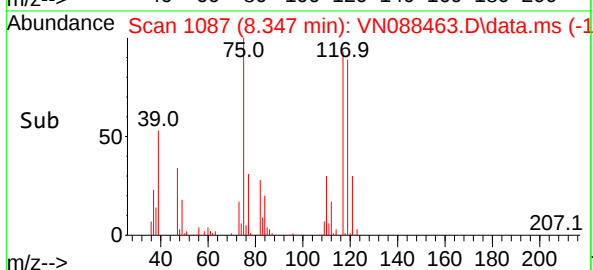
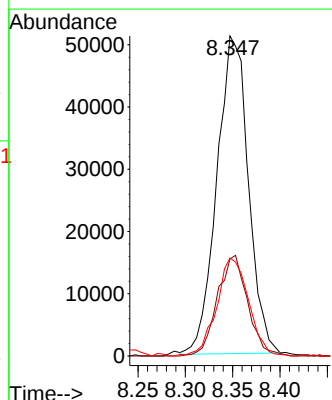
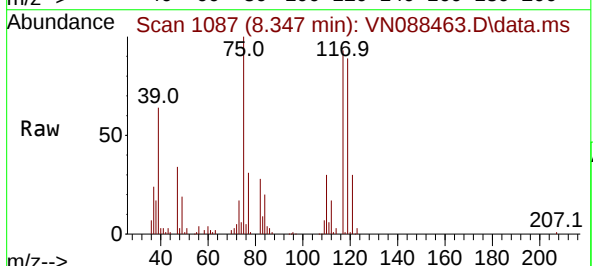
Tgt Ion: 75 Resp: 118022

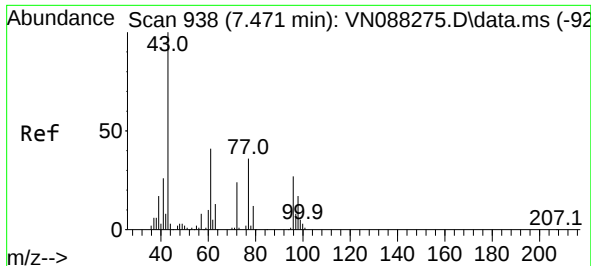
Ion Ratio Lower Upper

75 100

110 30.4 0.0 65.6

77 31.3 0.0 60.8

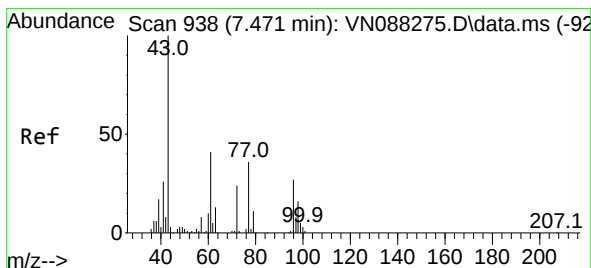
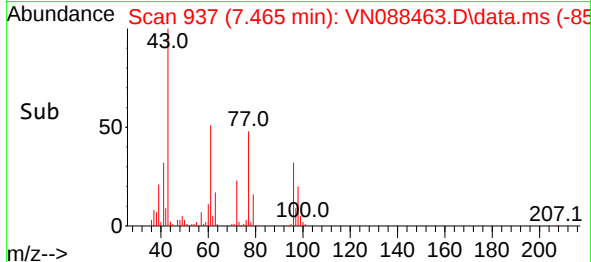
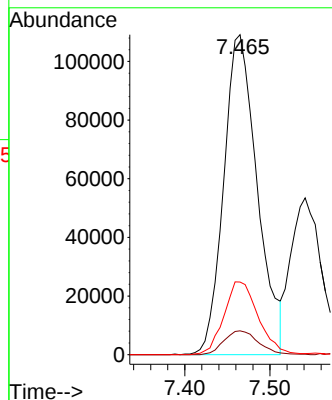
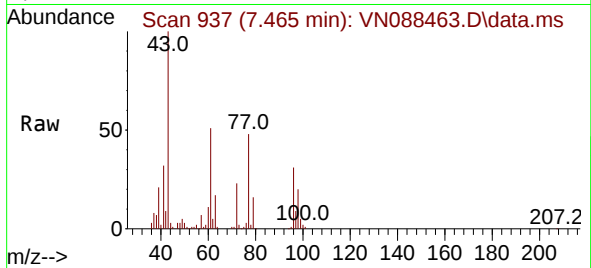




#30
2-Butanone
Concen: 86.649 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

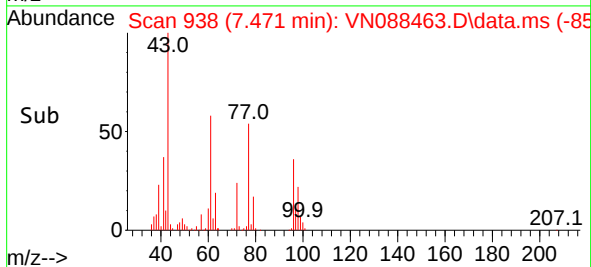
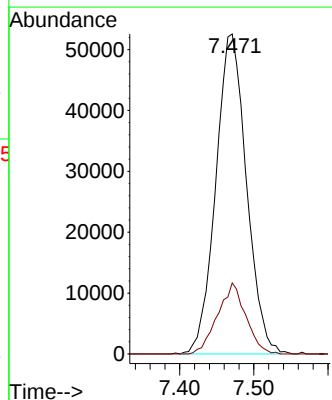
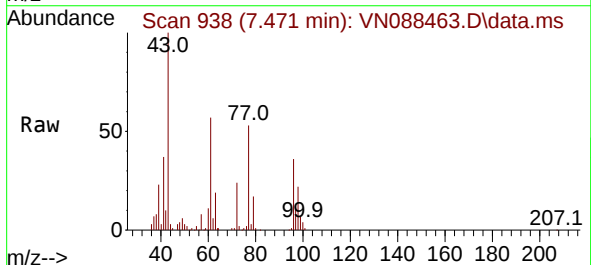
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

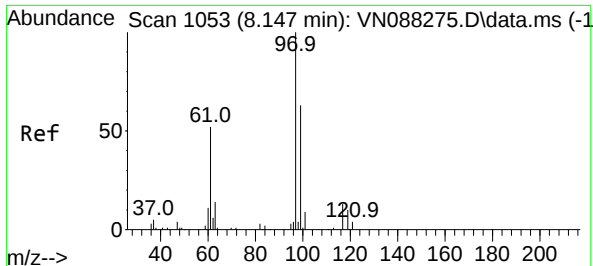
Tgt Ion: 43 Resp: 299279
Ion Ratio Lower Upper
43 100
57 7.6 6.2 9.4
72 23.3 19.4 29.2



#31
2,2-Dichloropropane
Concen: 22.955 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 77 Resp: 151175
Ion Ratio Lower Upper
77 100
97 20.3 16.8 25.2





#32

1,1,1-Trichloroethane

Concen: 23.124 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN088463.D

Acq: 05 Dec 2025 08:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

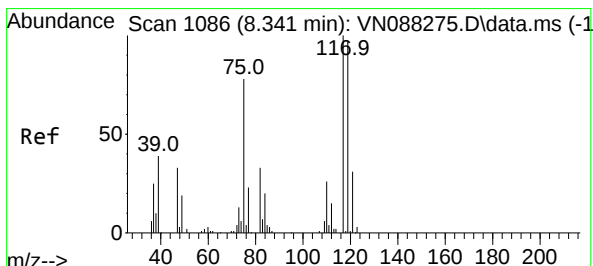
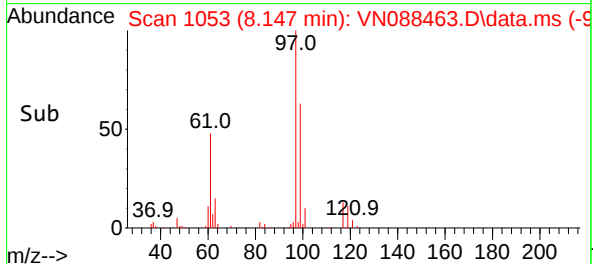
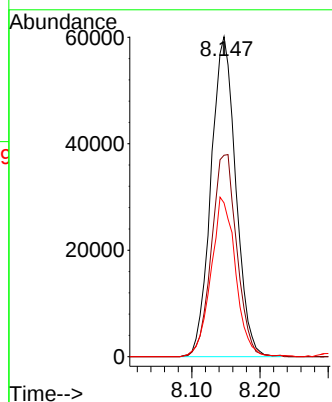
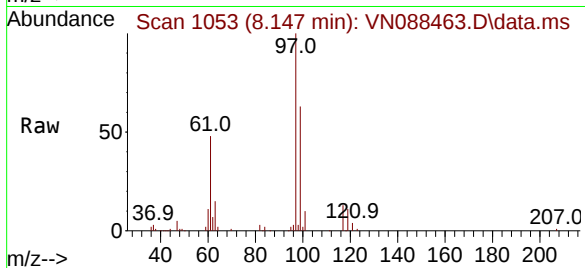
Tgt Ion: 97 Resp: 152208

Ion Ratio Lower Upper

97 100

99 64.5 50.2 75.4

61 49.3 39.8 59.8



#33

Carbon Tetrachloride

Concen: 22.773 ug/l

RT: 8.341 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VN088463.D

Acq: 05 Dec 2025 08:56

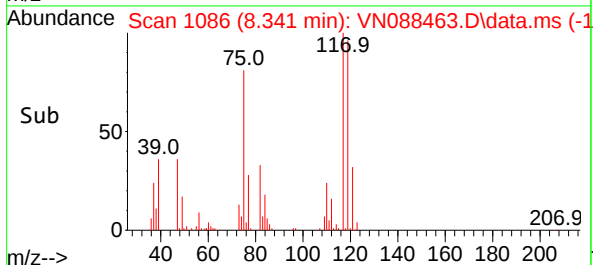
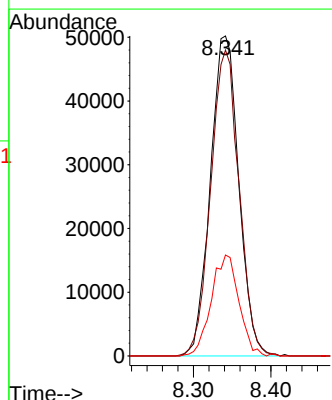
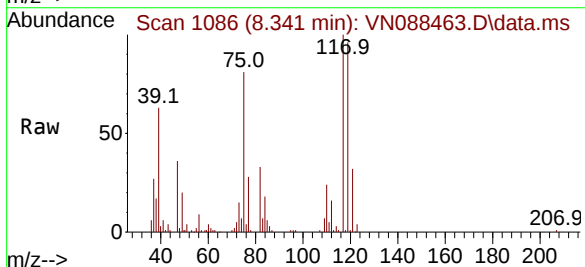
Tgt Ion: 117 Resp: 128007

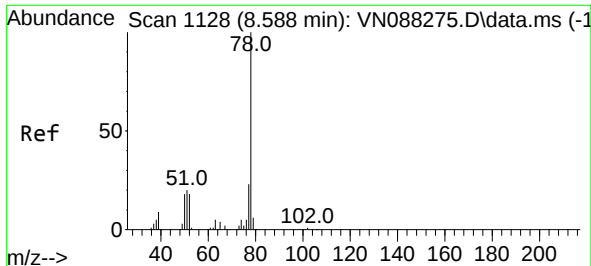
Ion Ratio Lower Upper

117 100

119 95.6 77.8 116.8

121 31.5 24.5 36.7

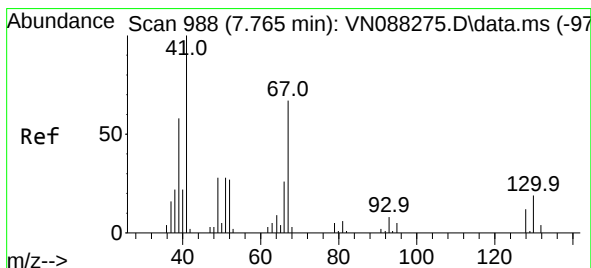
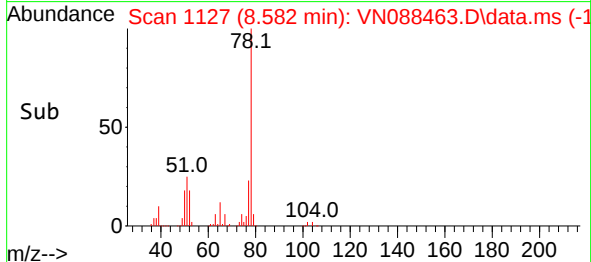
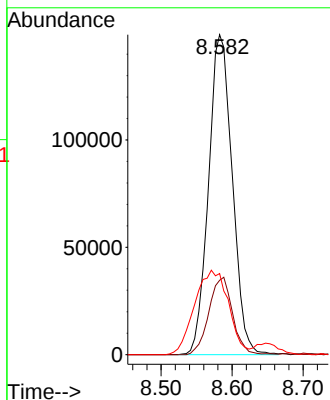
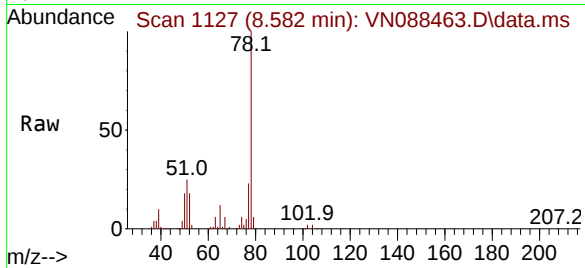




#34
Benzene
Concen: 21.683 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

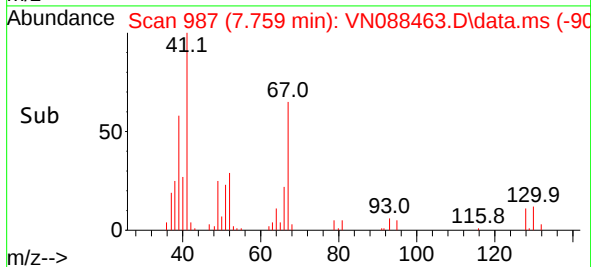
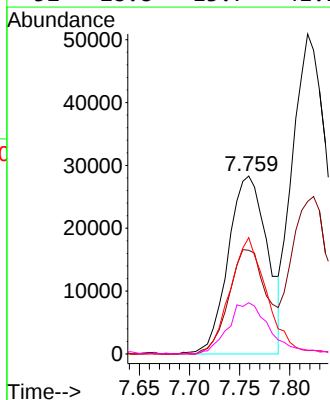
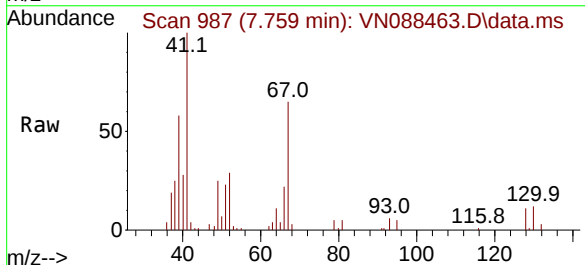
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

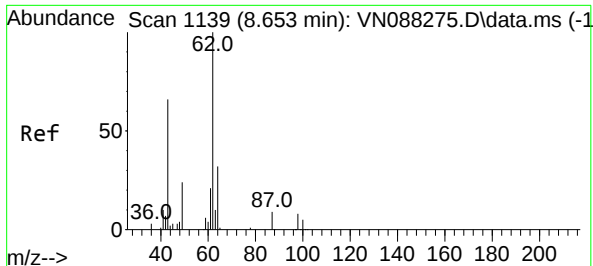
Tgt Ion: 78 Resp: 346069
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8
51 23.6 15.8 23.8



#35
Methacrylonitrile
Concen: 21.410 ug/l
RT: 7.759 min Scan# 987
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 41 Resp: 77135
Ion Ratio Lower Upper
41 100
39 58.2 29.0 87.0
67 65.4 33.3 99.9
52 28.8 13.7 41.1





#36

1,2-Dichloroethane

Concen: 22.799 ug/l

RT: 8.647 min Scan# 1139

Delta R.T. -0.006 min

Lab File: VN088463.D

Acq: 05 Dec 2025 08:56

Instrument :

MSVOA_N

ClientSampleId :

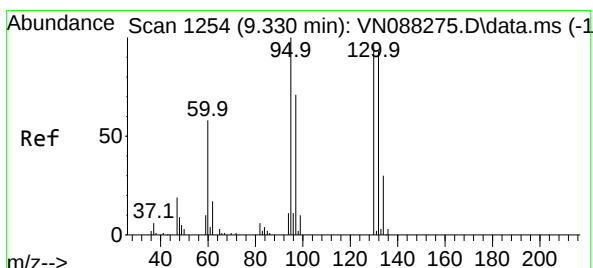
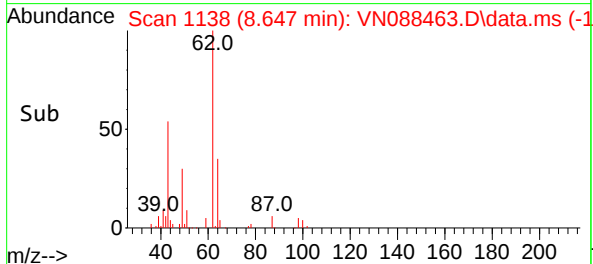
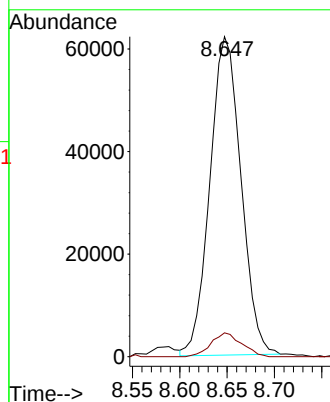
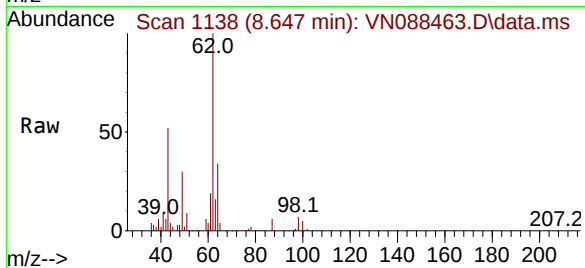
VSTDCCC020

Tgt Ion: 62 Resp: 141611

Ion Ratio Lower Upper

62 100

98 7.4 6.8 10.2



#37

Trichloroethene

Concen: 21.178 ug/l

RT: 9.329 min Scan# 1254

Delta R.T. -0.000 min

Lab File: VN088463.D

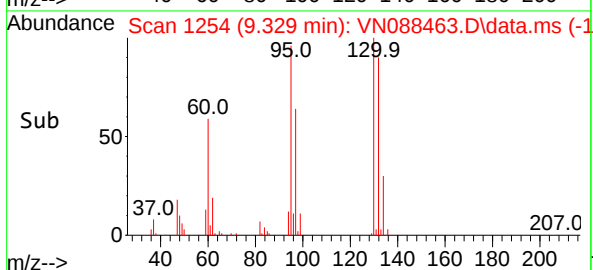
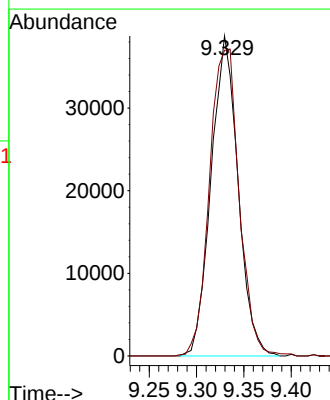
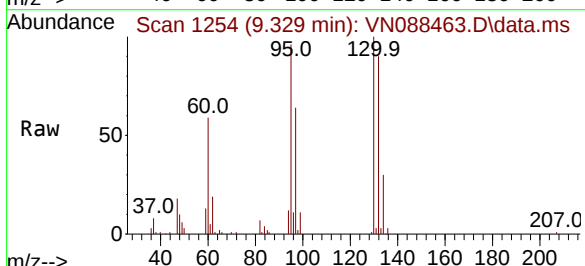
Acq: 05 Dec 2025 08:56

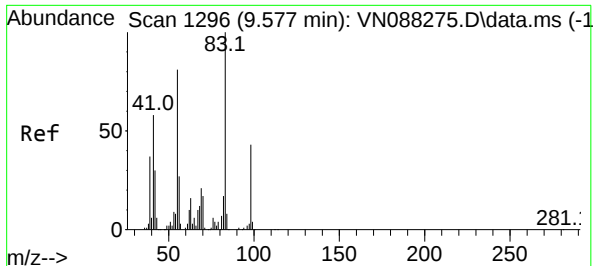
Tgt Ion:130 Resp: 76599

Ion Ratio Lower Upper

130 100

95 95.1 83.7 125.5





#38

Methylcyclohexane

Concen: 19.770 ug/l

RT: 9.577 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN088463.D

Acq: 05 Dec 2025 08:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

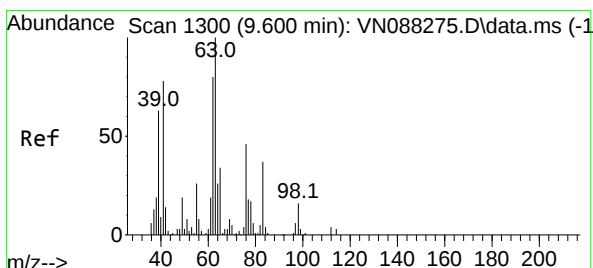
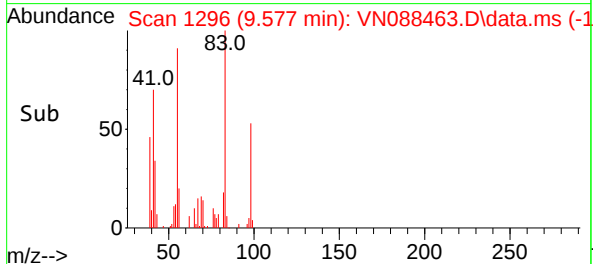
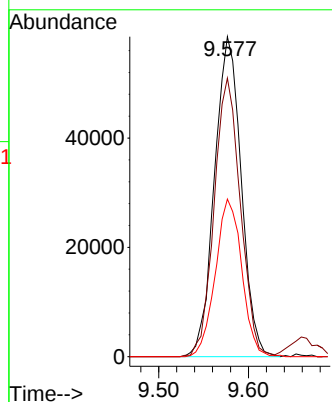
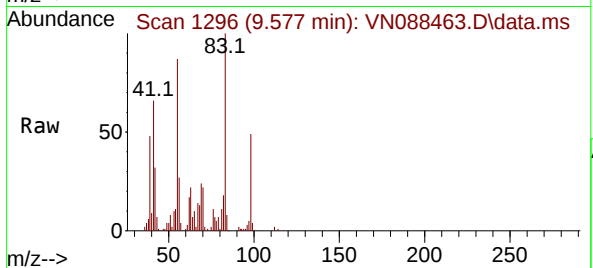
Tgt Ion: 83 Resp: 121021

Ion Ratio Lower Upper

83 100

55 85.1 40.8 122.5

98 48.6 23.4 70.3



#39

1,2-Dichloropropane

Concen: 22.115 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN088463.D

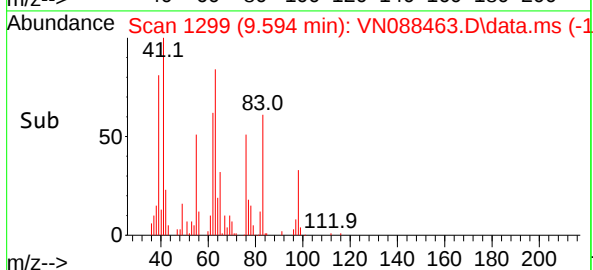
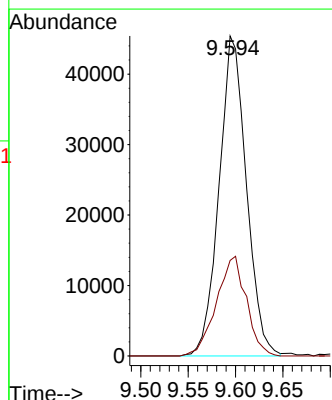
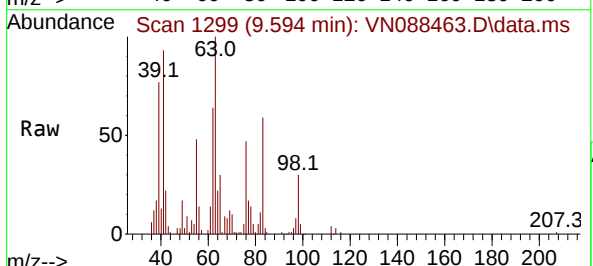
Acq: 05 Dec 2025 08:56

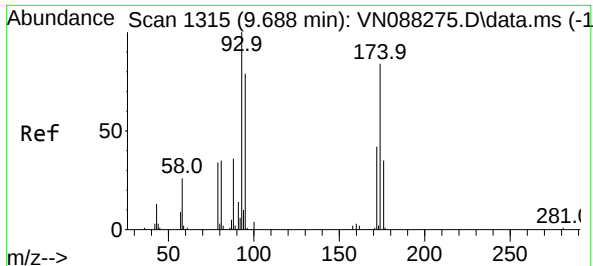
Tgt Ion: 63 Resp: 91062

Ion Ratio Lower Upper

63 100

65 29.9 27.8 41.6

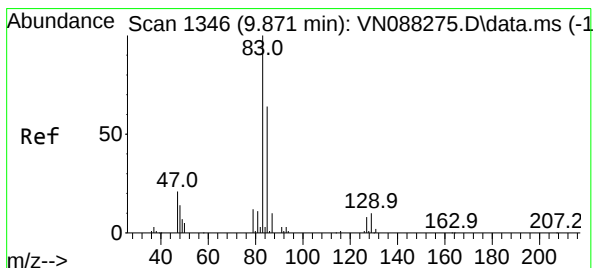
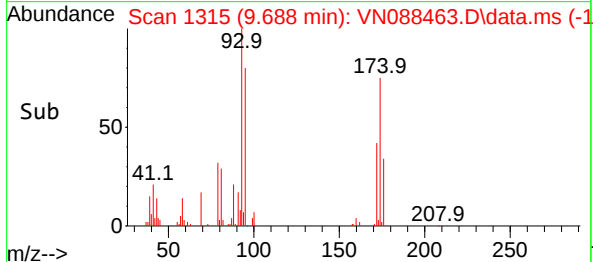
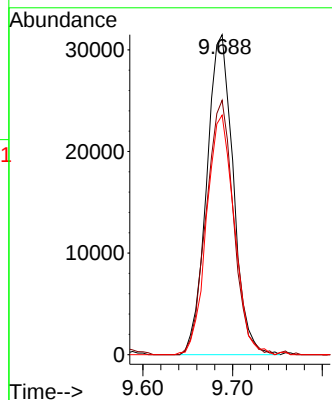
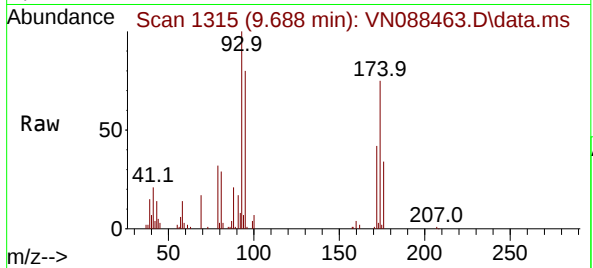




#40
Dibromomethane
Concen: 21.909 ug/l
RT: 9.688 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

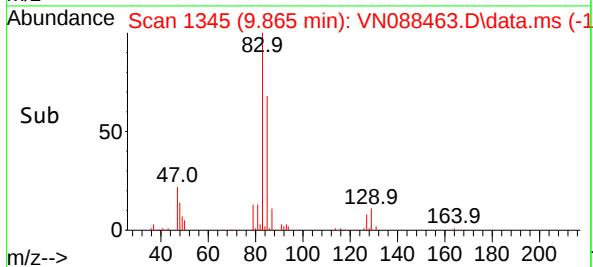
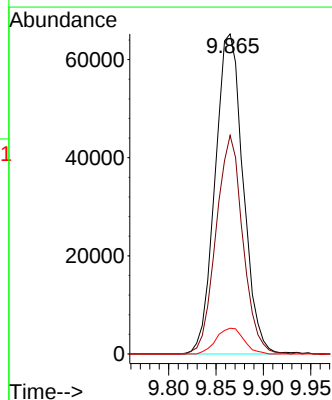
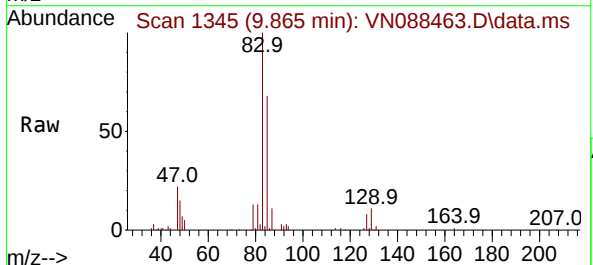
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

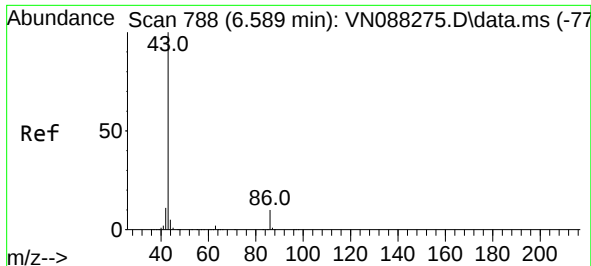
Tgt Ion: 93 Resp: 64817
Ion Ratio Lower Upper
93 100
95 81.8 0.0 161.6
174 77.8 0.0 158.2



#41
Bromodichloromethane
Concen: 22.522 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 83 Resp: 134133
Ion Ratio Lower Upper
83 100
85 68.3 51.4 77.2
127 8.1 6.4 9.6

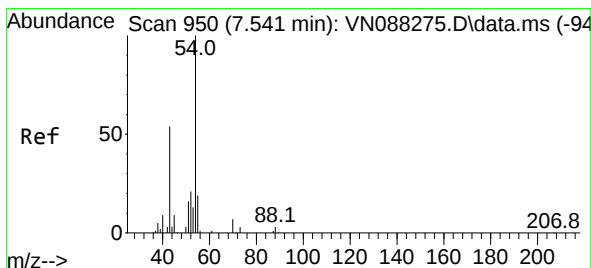
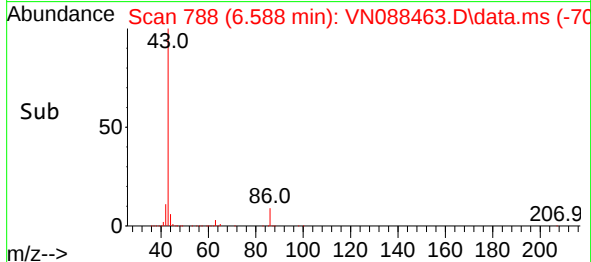
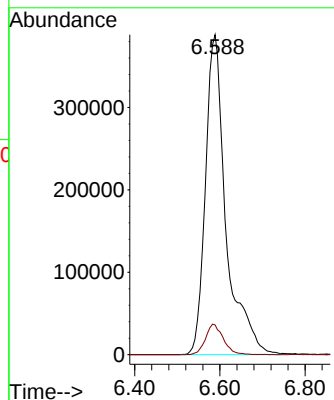
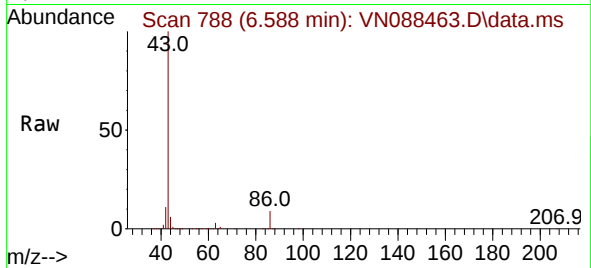




#42
 Vinyl Acetate
 Concen: 113.063 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN088463.D
 Acq: 05 Dec 2025 08:56

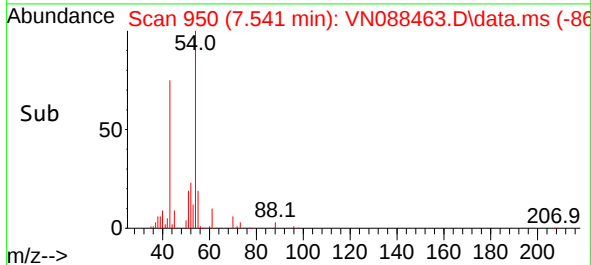
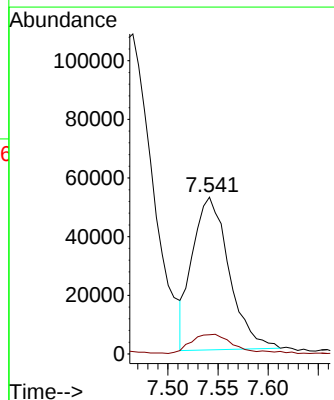
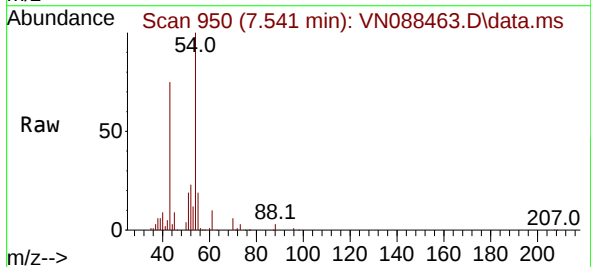
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

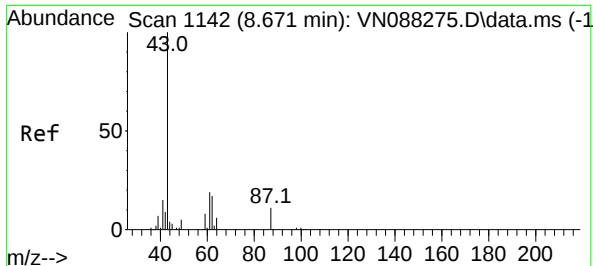
Tgt Ion: 43 Resp: 1303384
 Ion Ratio Lower Upper
 43 100
 86 8.2 7.4 11.2



#43
 Ethyl Acetate
 Concen: 19.025 ug/l
 RT: 7.541 min Scan# 950
 Delta R.T. -0.000 min
 Lab File: VN088463.D
 Acq: 05 Dec 2025 08:56

Tgt Ion: 43 Resp: 132211
 Ion Ratio Lower Upper
 43 100
 45 13.7 9.9 14.9

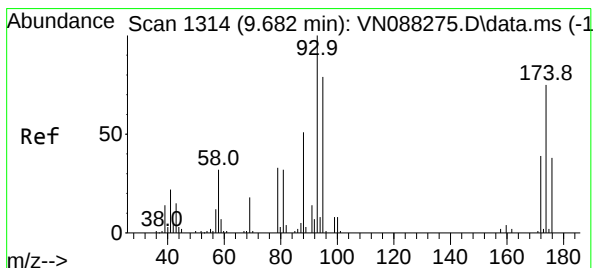
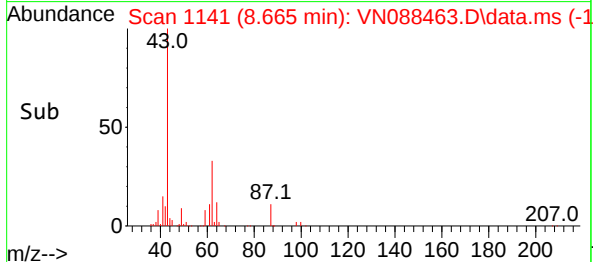
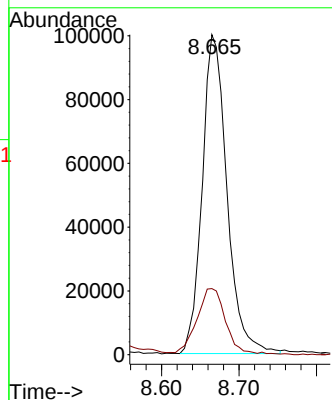
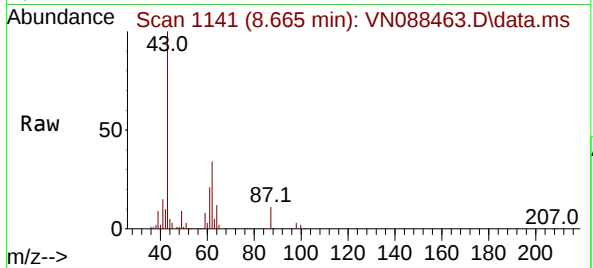




#44
Isopropyl Acetate
Concen: 20.756 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

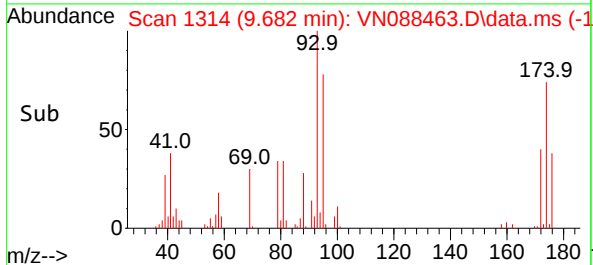
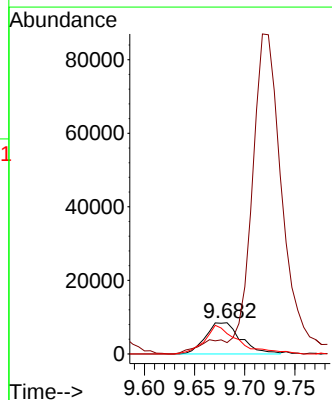
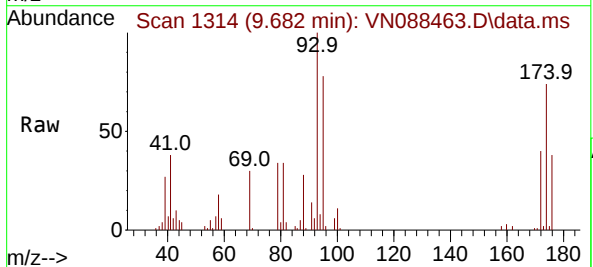
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MSVOA_N
ClientSampleId :
VSTDCCC020

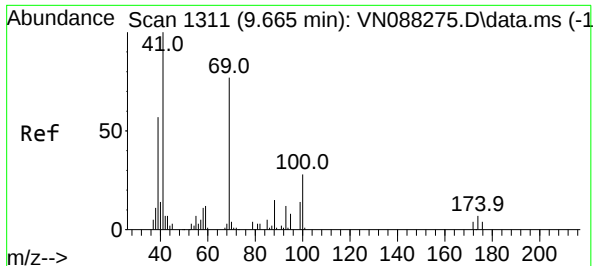
Tgt Ion: 43 Resp: 222294
Ion Ratio Lower Upper
43 100
61 22.8 19.0 28.6



#45
1,4-Dioxane
Concen: 323.546 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 88 Resp: 20867
Ion Ratio Lower Upper
88 100
43 37.1 27.8 41.8
58 78.6 59.5 89.3

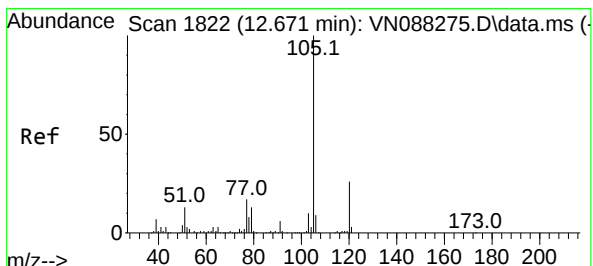
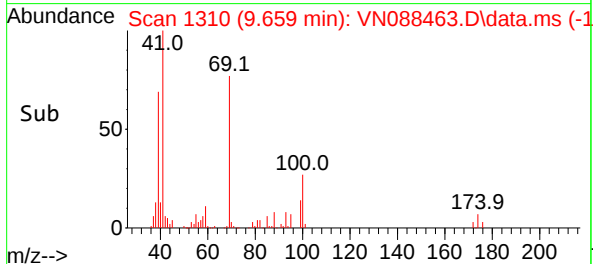
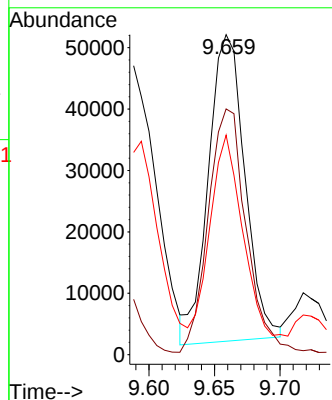
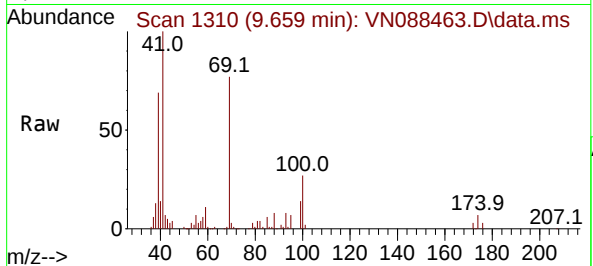




#46
Methyl methacrylate
Concen: 19.250 ug/l
RT: 9.659 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

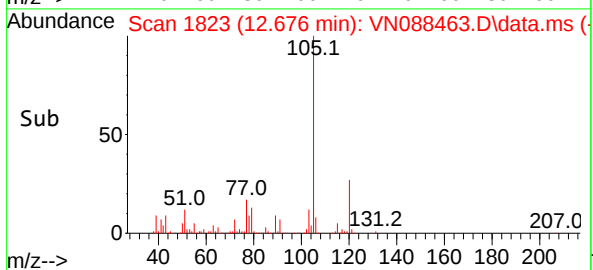
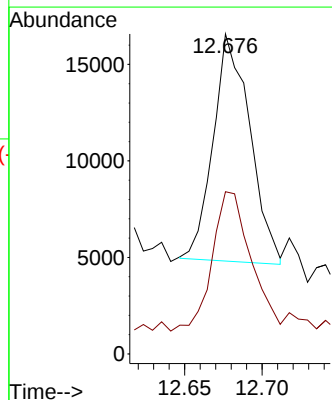
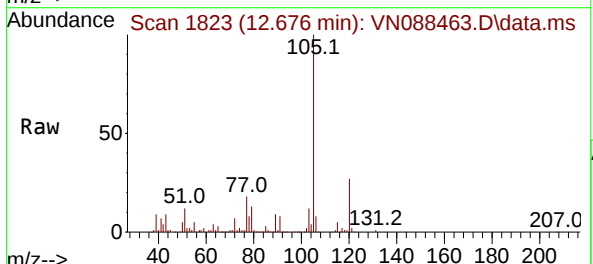
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

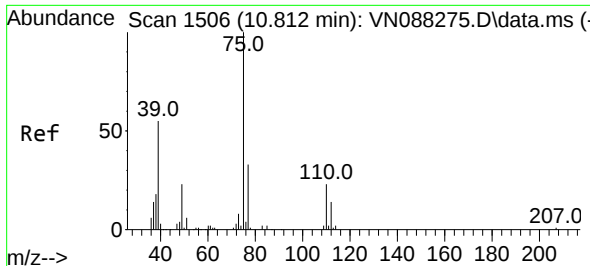
Tgt Ion: 41 Resp: 96475
Ion Ratio Lower Upper
41 100
69 83.2 38.5 115.3
39 68.2 29.0 87.1



#47
n-amy1 Acetate
Concen: 3.566 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 43 Resp: 19354
Ion Ratio Lower Upper
43 100
55 87.5 0.0 0.0#

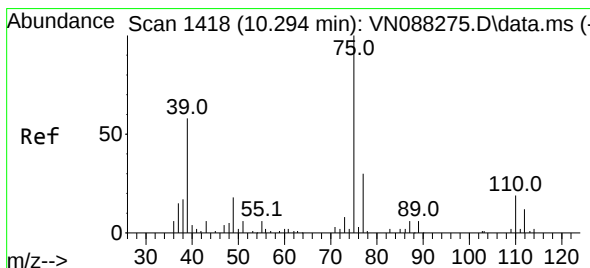
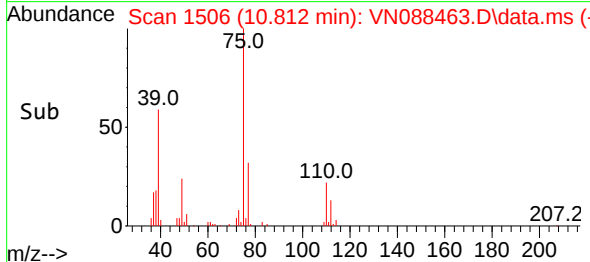
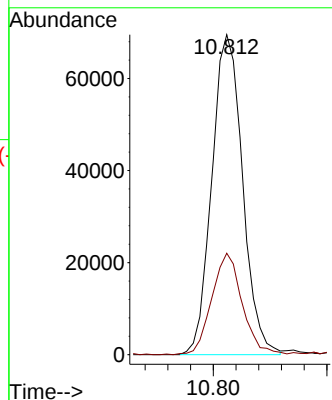
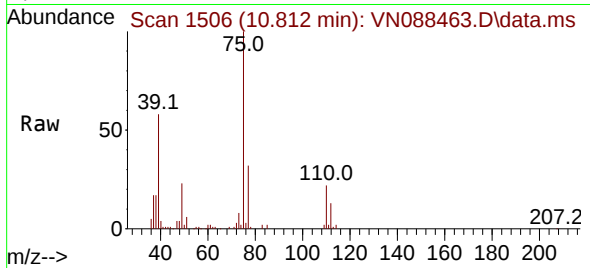




#48
t-1,3-Dichloropropene
Concen: 20.470 ug/l
RT: 10.812 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

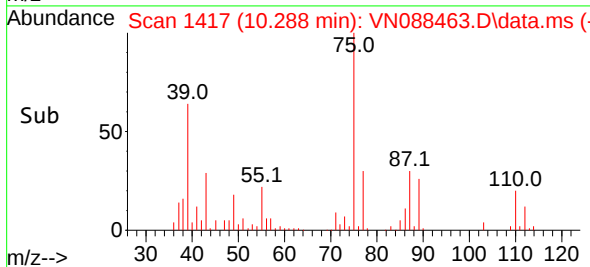
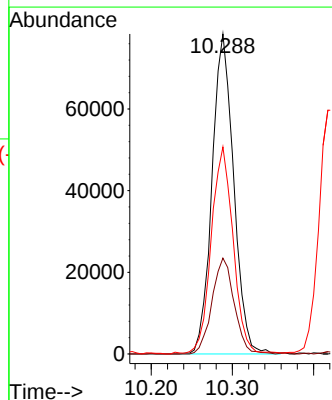
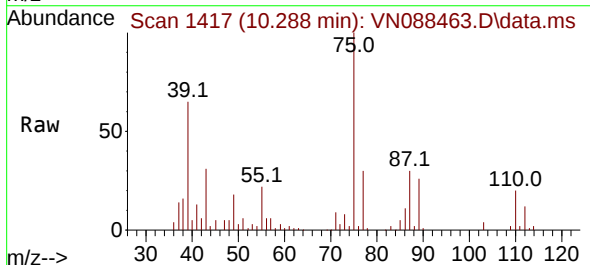
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

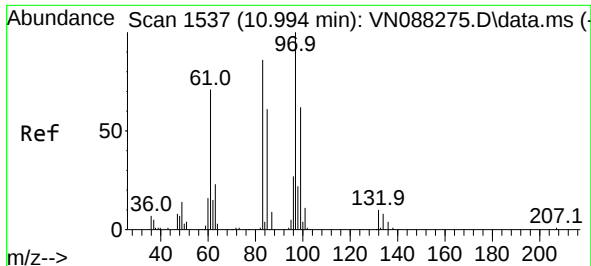
Tgt Ion: 75 Resp: 130395
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1



#49
cis-1,3-Dichloropropene
Concen: 21.914 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 75 Resp: 145247
Ion Ratio Lower Upper
75 100
77 29.9 24.4 36.6
39 64.4 46.1 69.1

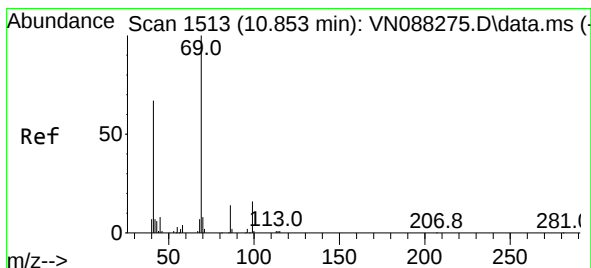
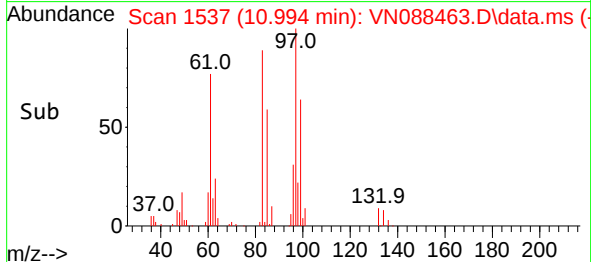
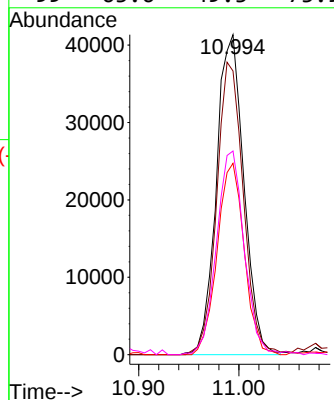
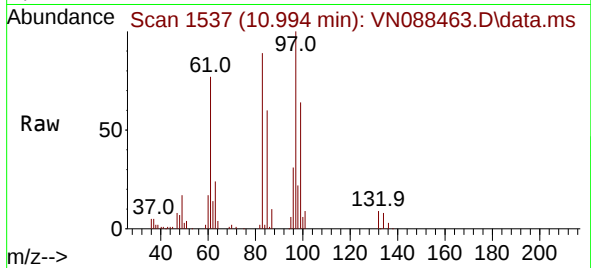




#50
1,1,2-Trichloroethane
Concen: 21.514 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

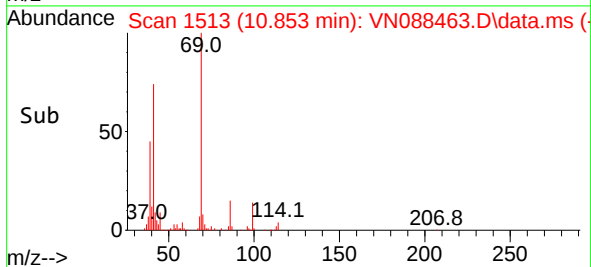
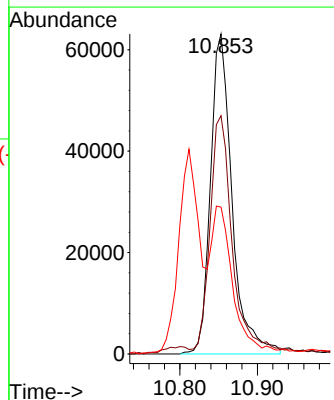
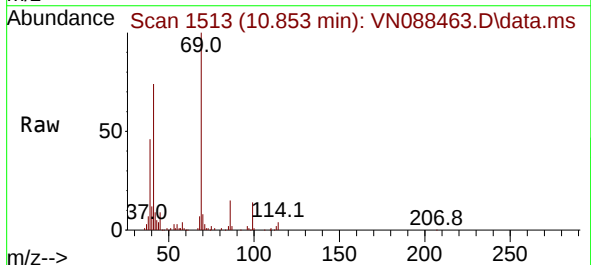
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

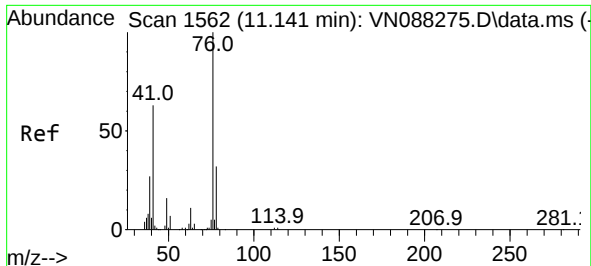
Tgt Ion: 97	Resp: 78702
Ion Ratio	Lower Upper
97 100	
83 88.6	68.6 102.8
85 59.8	49.0 73.6
99 63.6	49.3 73.9



#51
Ethyl methacrylate
Concen: 20.301 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 69	Resp: 122189
Ion Ratio	Lower Upper
69 100	
41 72.6	33.6 100.8
39 44.6	23.4 70.2

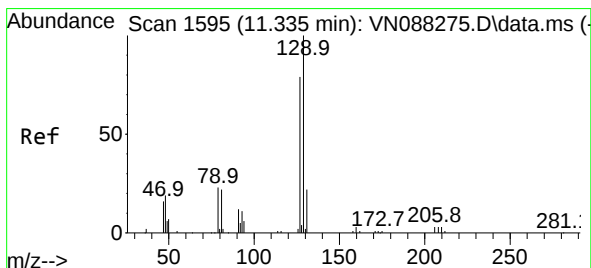
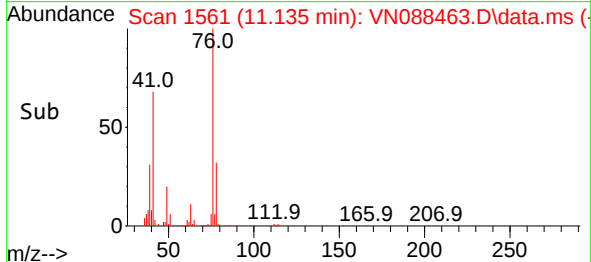
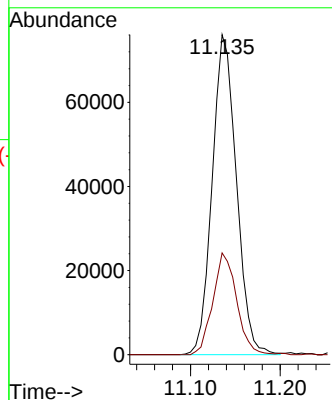
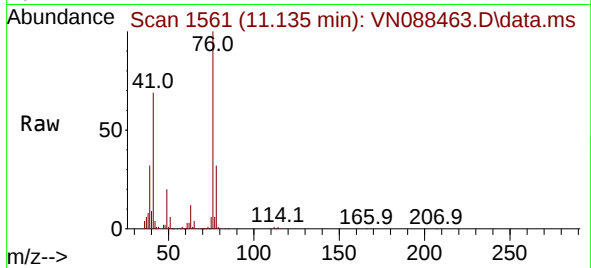




#52
1,3-Dichloropropane
Concen: 21.389 ug/l
RT: 11.135 min Scan# 1561
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

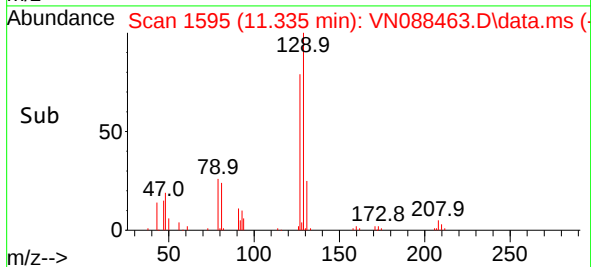
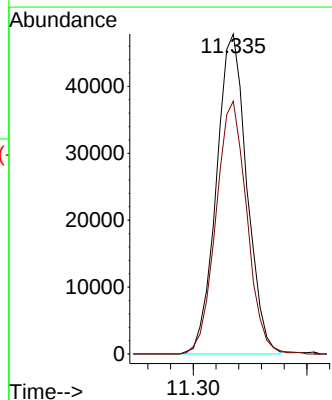
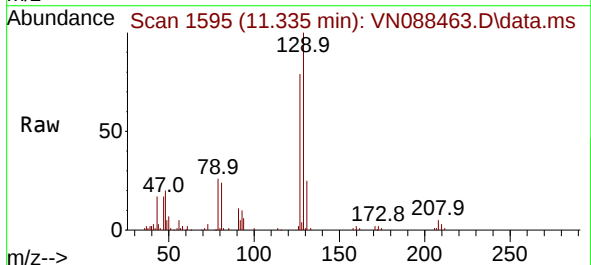
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

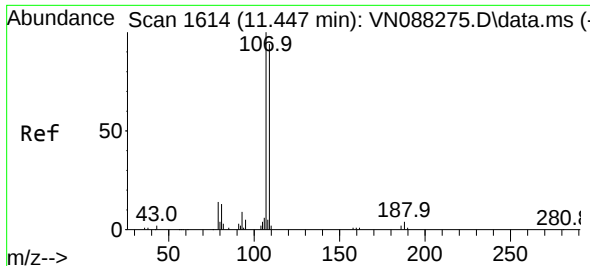
Tgt Ion: 76 Resp: 142499
Ion Ratio Lower Upper
76 100
78 31.2 0.0 64.2



#53
Dibromochloromethane
Concen: 21.206 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 129 Resp: 89109
Ion Ratio Lower Upper
129 100
127 79.9 38.2 114.6

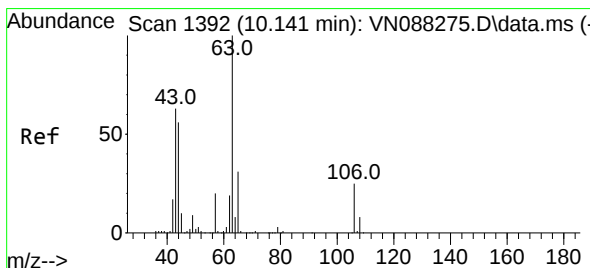
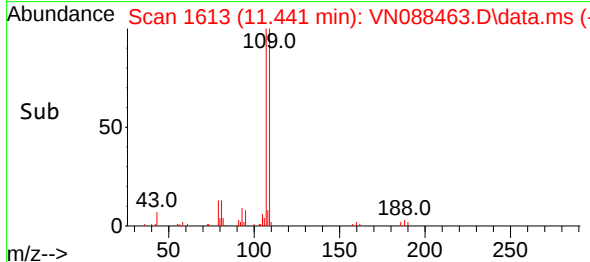
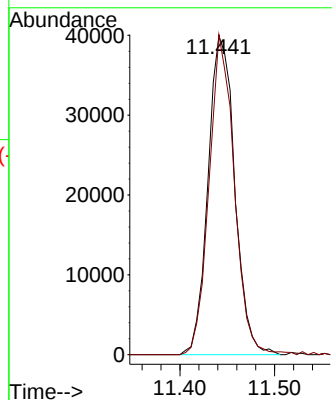
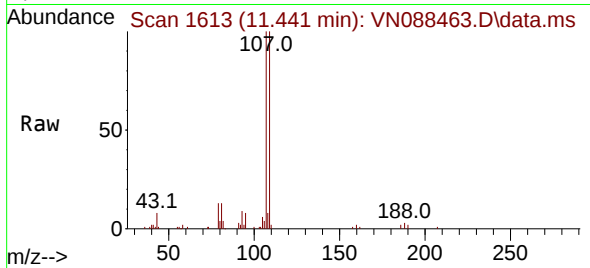




#54
1,2-Dibromoethane
Concen: 20.588 ug/l
RT: 11.441 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

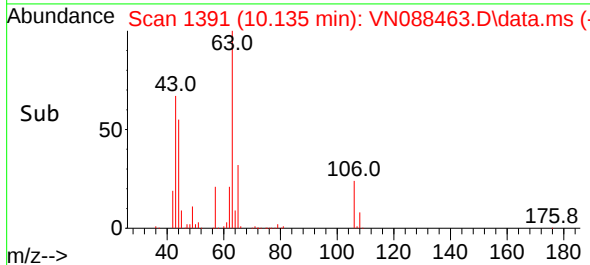
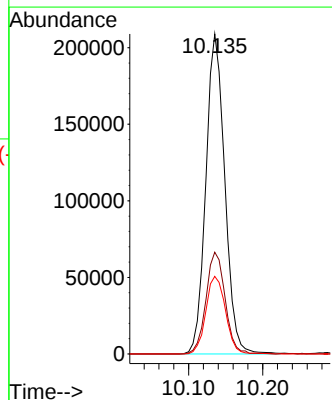
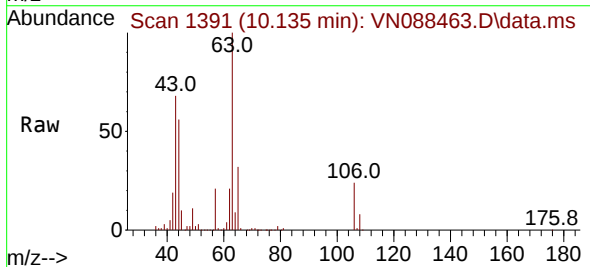
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

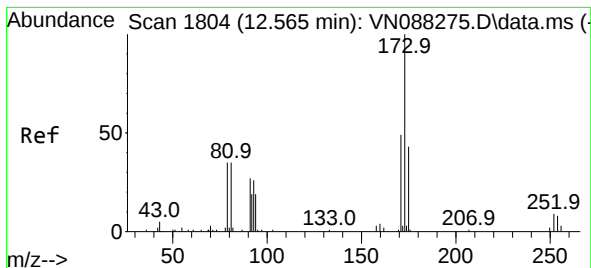
Tgt Ion:107 Resp: 78256
Ion Ratio Lower Upper
107 100
109 94.1 76.6 115.0



#55
2-Chloroethyl vinyl ether
Concen: 107.114 ug/l
RT: 10.135 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 63 Resp: 371373
Ion Ratio Lower Upper
63 100
65 32.0 24.9 37.3
106 25.1 20.3 30.5

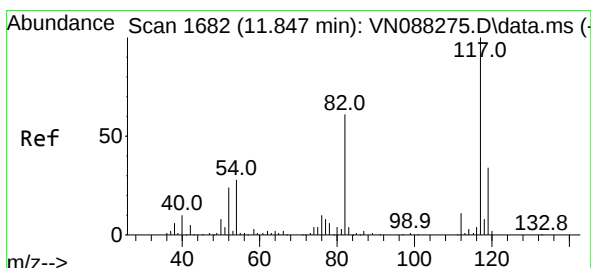
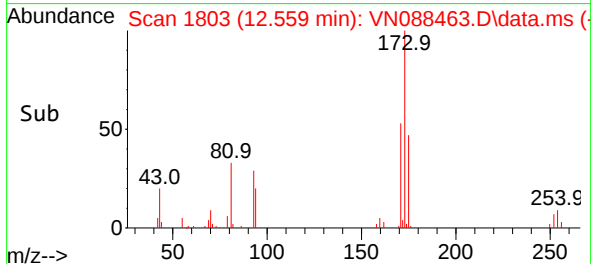
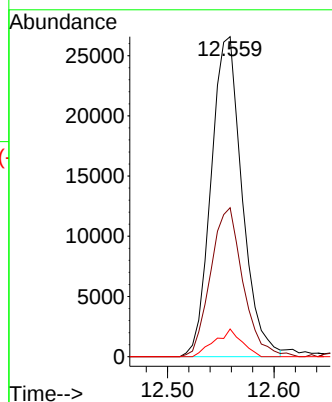
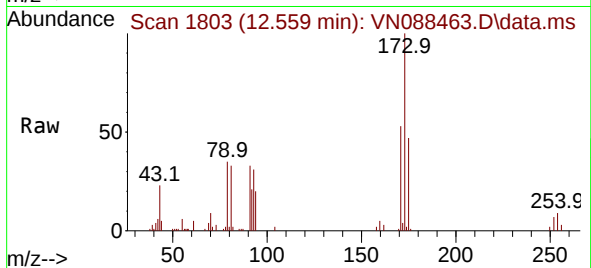




#56
Bromoform
Concen: 20.183 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

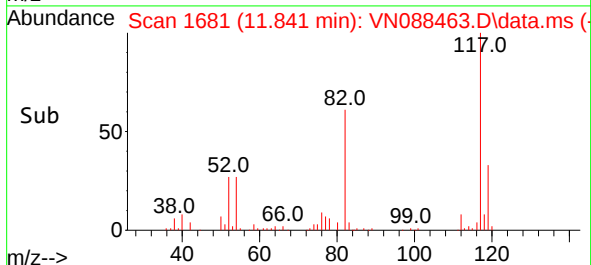
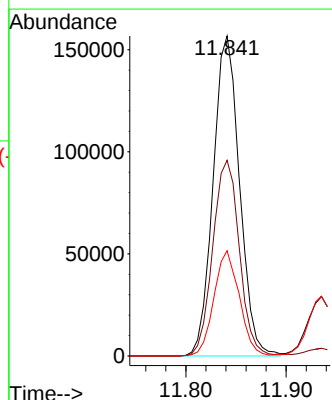
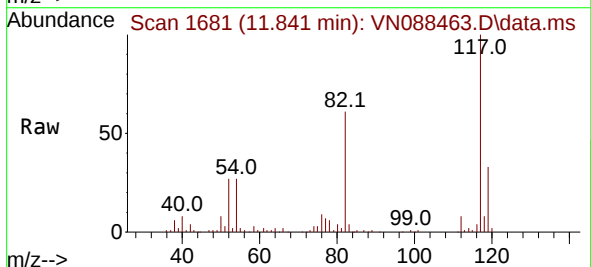
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

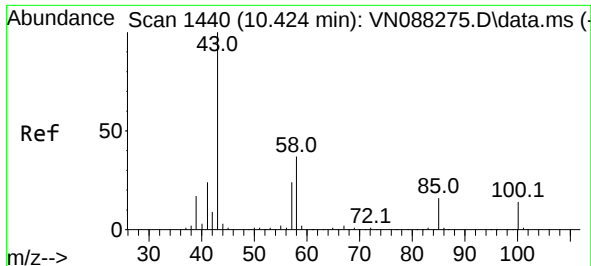
Tgt Ion:173 Resp: 53681
Ion Ratio Lower Upper
173 100
175 48.6 37.7 56.5
254 7.6 5.9 8.9



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion:117 Resp: 286792
Ion Ratio Lower Upper
117 100
82 61.4 49.3 73.9
119 31.6 26.4 39.6

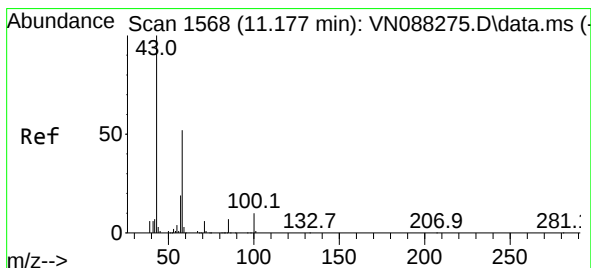
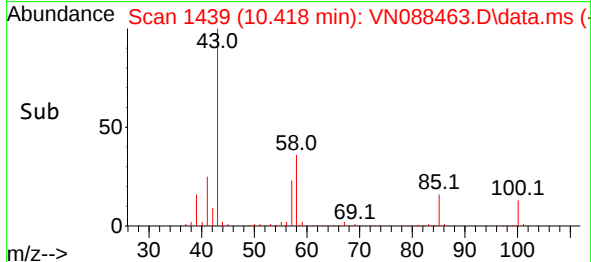
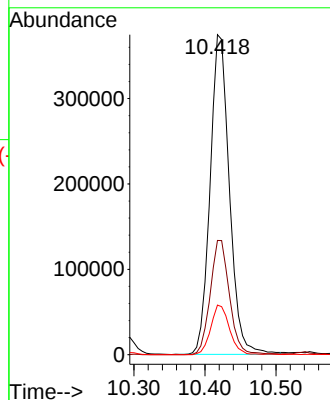
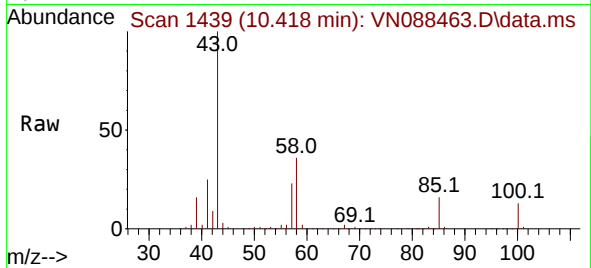




#58
4-Methyl-2-Pentanone
Concen: 109.119 ug/l
RT: 10.418 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

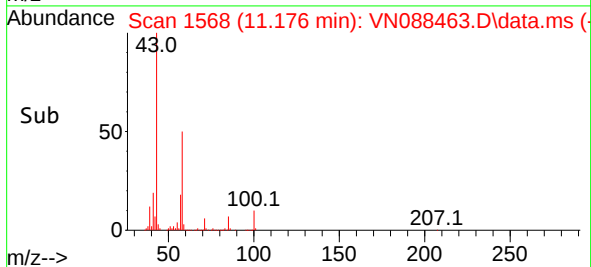
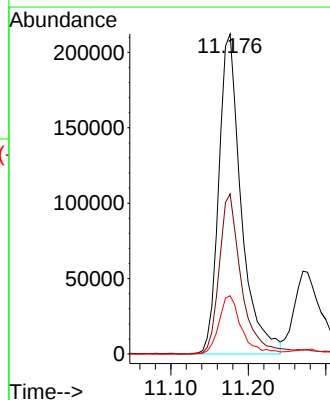
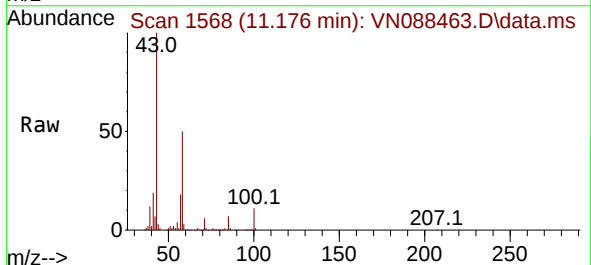
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

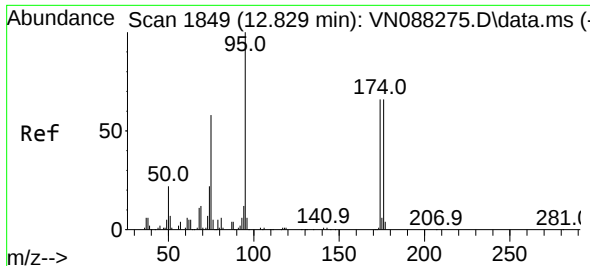
Tgt Ion: 43 Resp: 707806
Ion Ratio Lower Upper
43 100
58 35.5 29.2 43.8
85 15.0 12.6 19.0



#59
2-Hexanone
Concen: 99.045 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 43 Resp: 426609
Ion Ratio Lower Upper
43 100
58 49.5 41.0 61.4
57 17.6 14.4 21.6

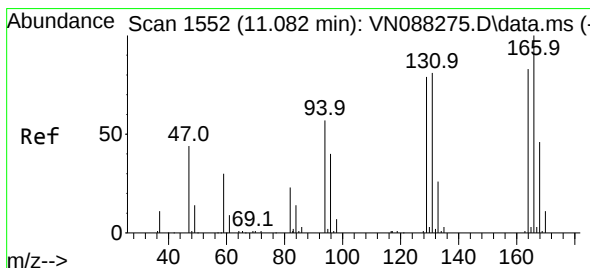
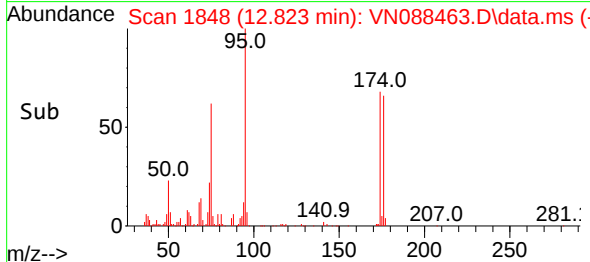
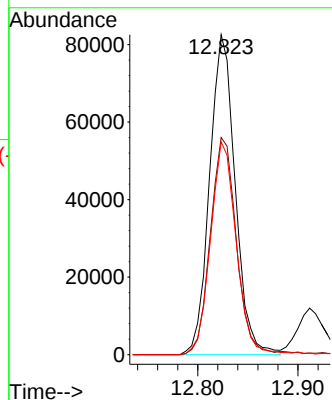
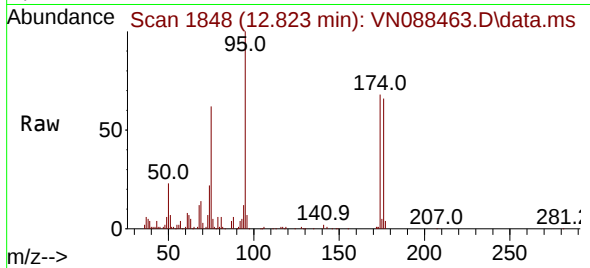




#60
4-Bromofluorobenzene
Concen: 30.164 ug/l
RT: 12.823 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

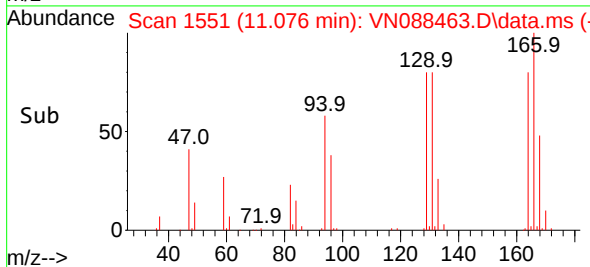
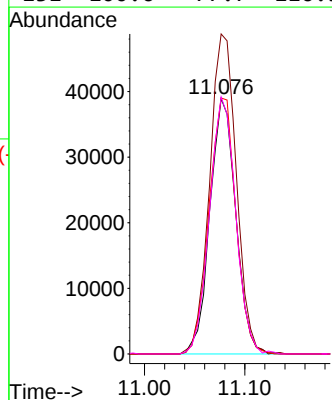
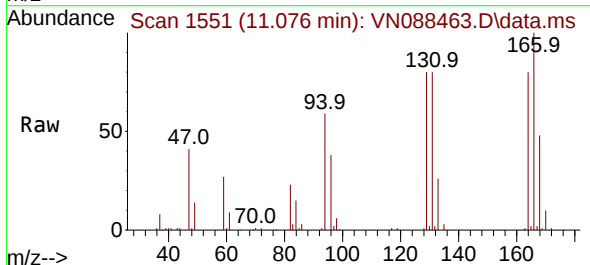
Instrument :
MSVOA_N
ClientSampleId :
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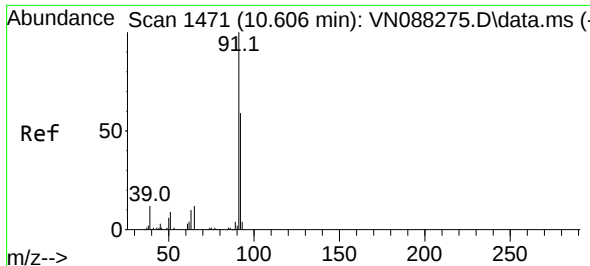
Tgt Ion: 95 Resp: 146237
Ion Ratio Lower Upper
95 100
174 68.6 54.5 81.7
176 66.8 53.8 80.6



#61
Tetrachloroethene
Concen: 23.580 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion:164 Resp: 69724
Ion Ratio Lower Upper
164 100
166 125.3 96.3 144.5
129 100.2 76.2 114.2
131 100.6 77.7 116.5

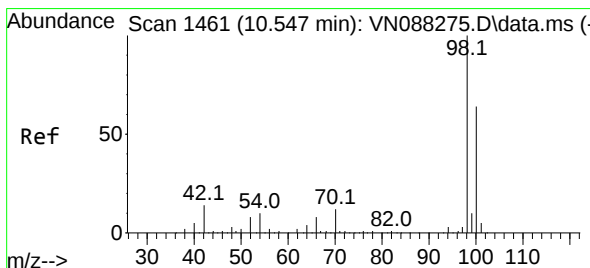
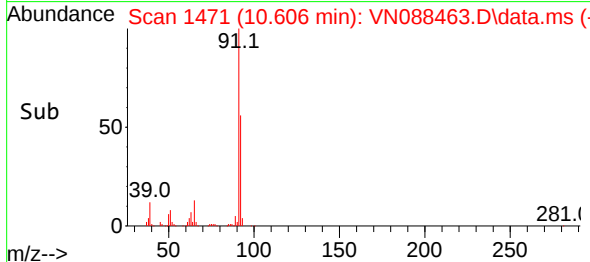
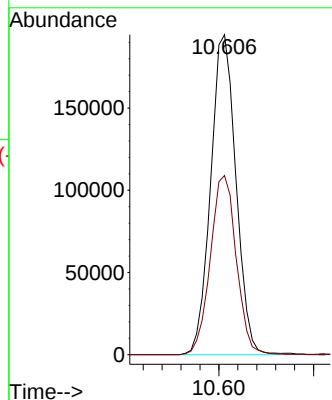
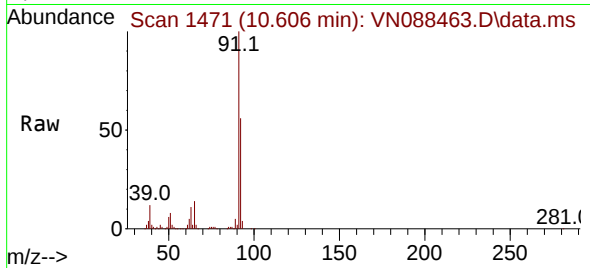




#62
Toluene
Concen: 21.910 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

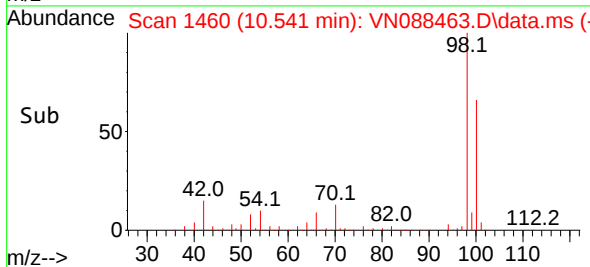
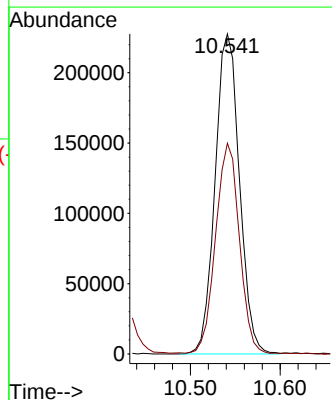
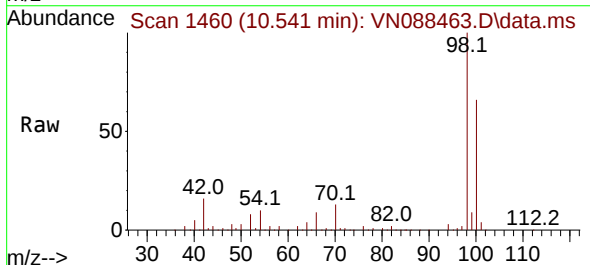
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

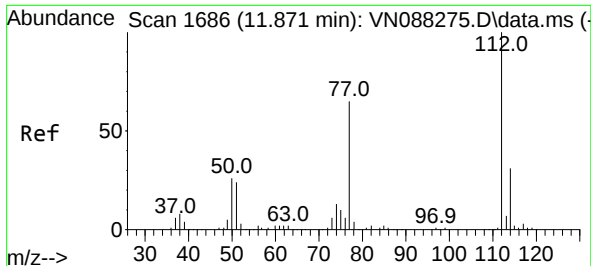
Tgt Ion: 91 Resp: 360586
Ion Ratio Lower Upper
91 100
92 57.4 46.7 70.1



#63
Toluene-d8
Concen: 31.557 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 98 Resp: 428479
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4

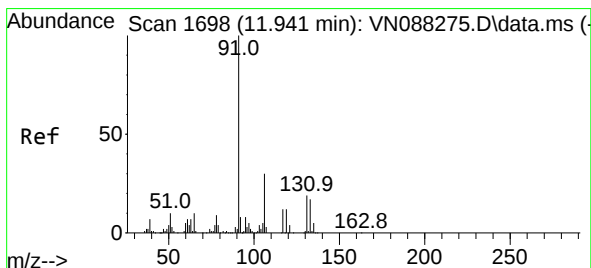
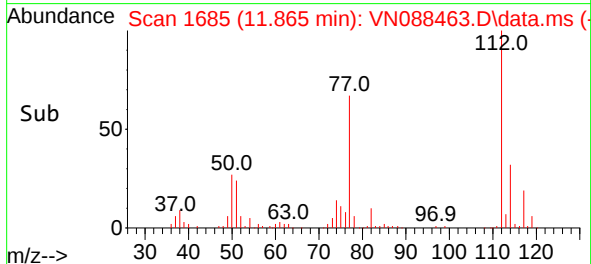
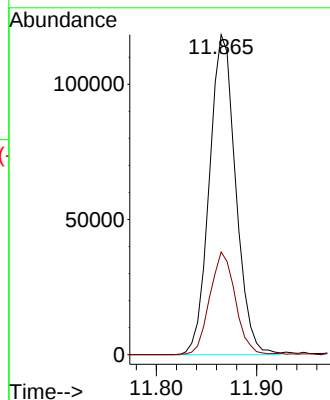
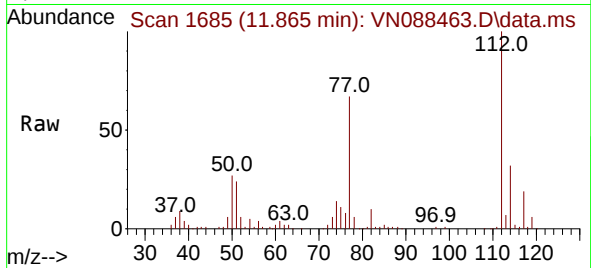




#64
Chlorobenzene
Concen: 21.206 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

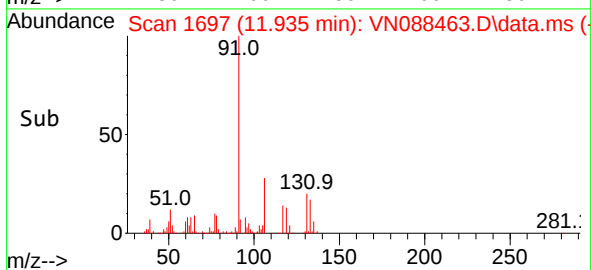
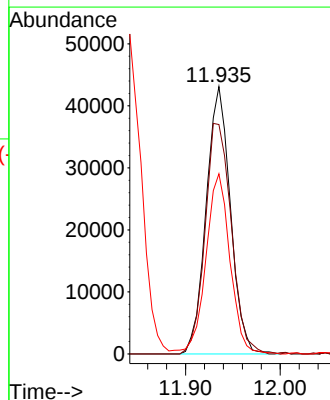
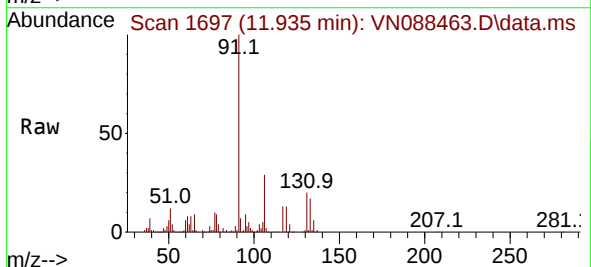
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

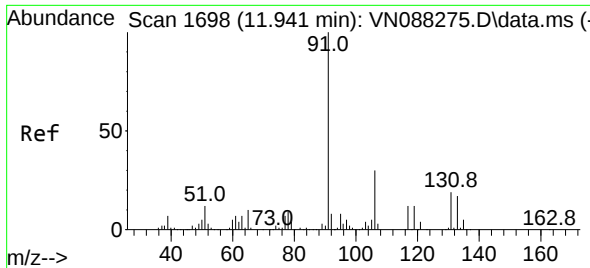
Tgt Ion:112 Resp: 216153
Ion Ratio Lower Upper
112 100
114 31.9 25.0 37.4



#65
1,1,1,2-Tetrachloroethane
Concen: 21.996 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion:131 Resp: 76739
Ion Ratio Lower Upper
131 100
133 93.1 0.0 181.4
119 67.2 0.0 135.0

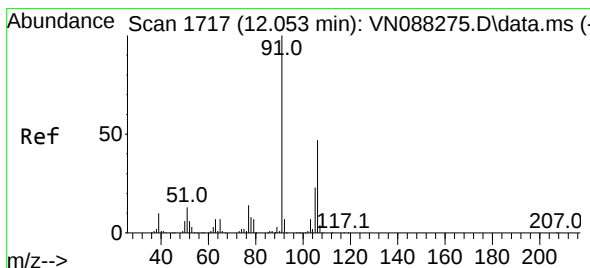
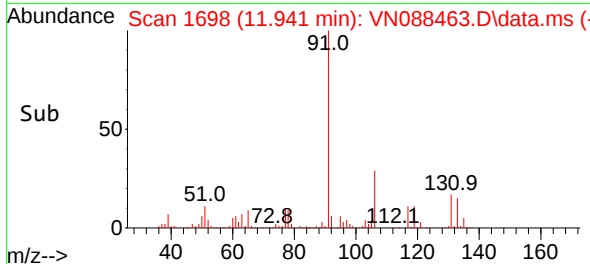
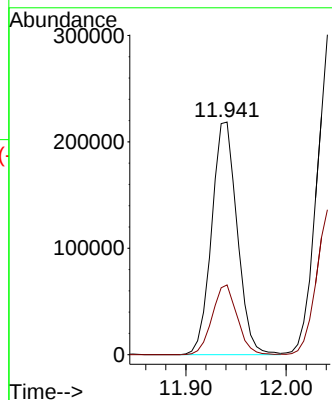
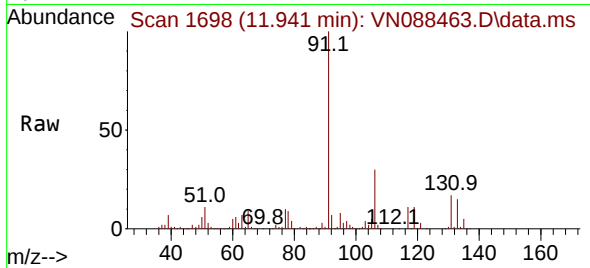




#66
Ethyl Benzene
Concen: 21.339 ug/l
RT: 11.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

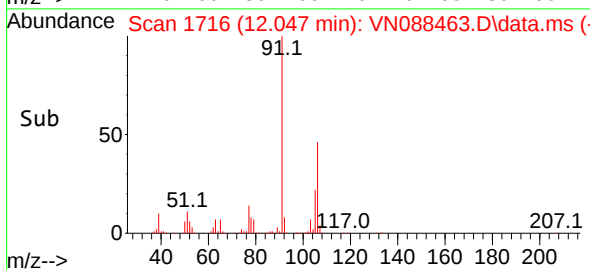
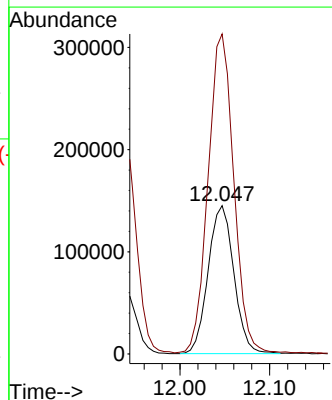
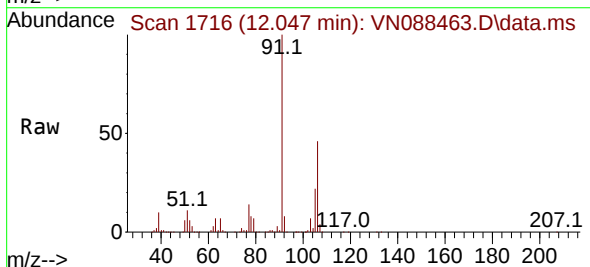
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

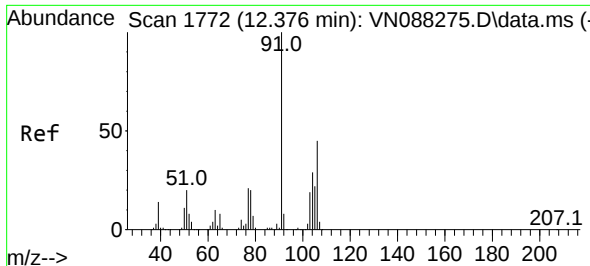
Tgt Ion: 91 Resp: 387071
Ion Ratio Lower Upper
91 100
106 30.0 24.4 36.6



#67
m/p-Xylenes
Concen: 42.527 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion:106 Resp: 288470
Ion Ratio Lower Upper
106 100
91 217.3 168.3 252.5

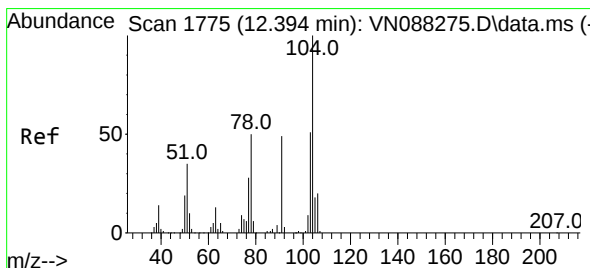
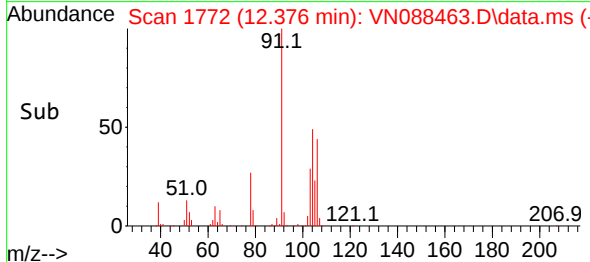
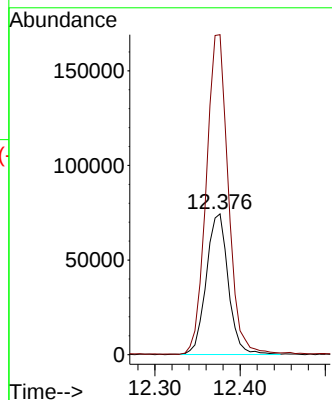
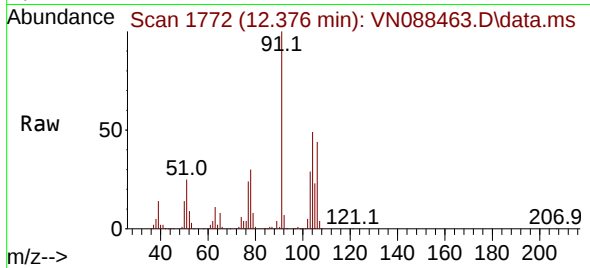




#68
o-Xylene
Concen: 20.834 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

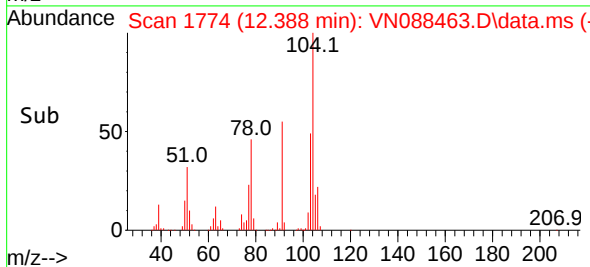
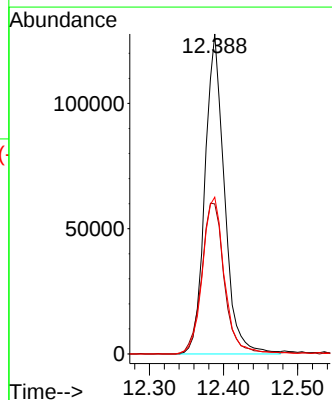
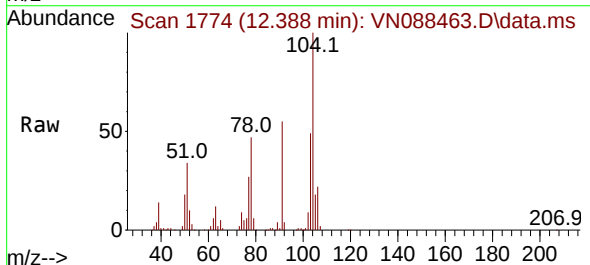
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

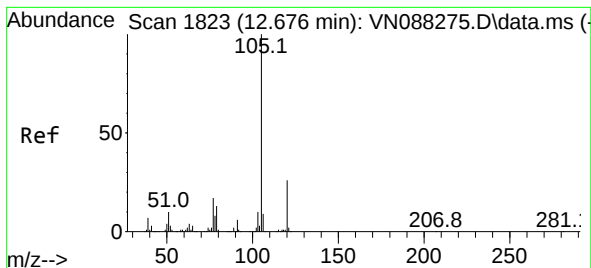
Tgt Ion:106 Resp: 133315
Ion Ratio Lower Upper
106 100
91 227.5 114.0 342.0



#69
Styrene
Concen: 21.476 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion:104 Resp: 233398
Ion Ratio Lower Upper
104 100
78 54.8 43.8 65.8
103 55.3 44.8 67.2





#70

Isopropylbenzene

Concen: 21.126 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. -0.006 min

Lab File: VN088463.D

Acq: 05 Dec 2025 08:56

Instrument :

MSVOA_N

ClientSampleId :

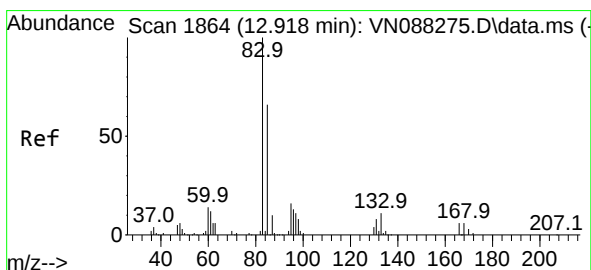
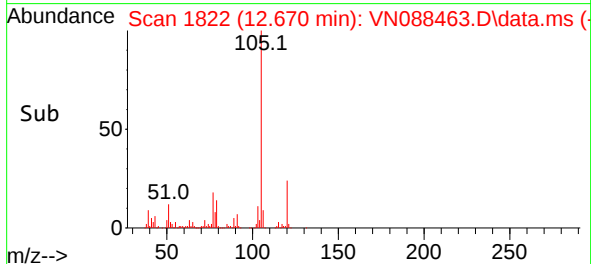
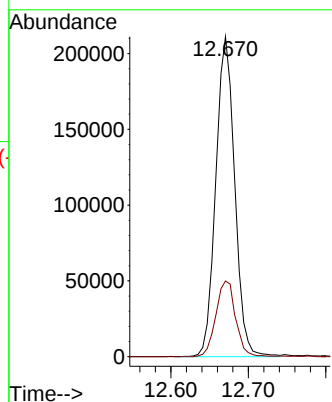
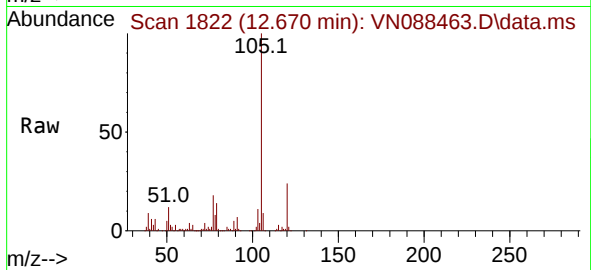
VSTDCCC020

Tgt Ion:105 Resp: 358264

Ion Ratio Lower Upper

105 100

120 24.7 18.2 33.8



#71

1,1,2,2-Tetrachloroethane

Concen: 21.119 ug/l

RT: 12.912 min Scan# 1863

Delta R.T. -0.006 min

Lab File: VN088463.D

Acq: 05 Dec 2025 08:56

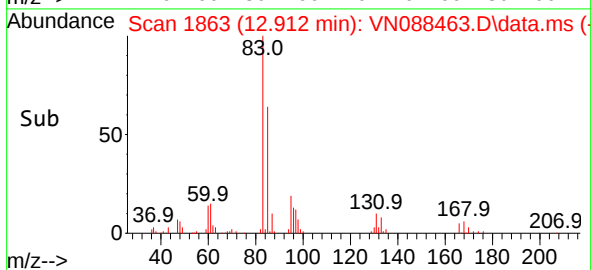
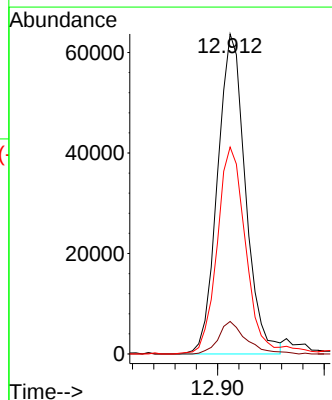
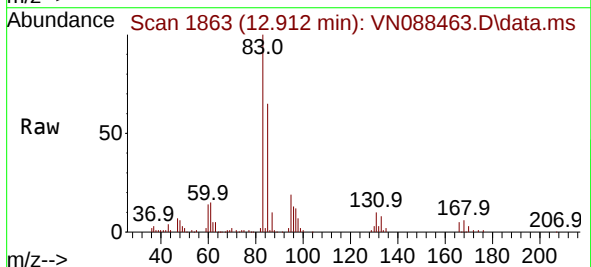
Tgt Ion: 83 Resp: 116013

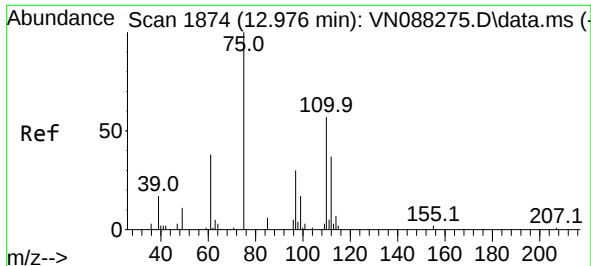
Ion Ratio Lower Upper

83 100

131 10.0 4.3 12.9

85 64.9 32.4 97.2

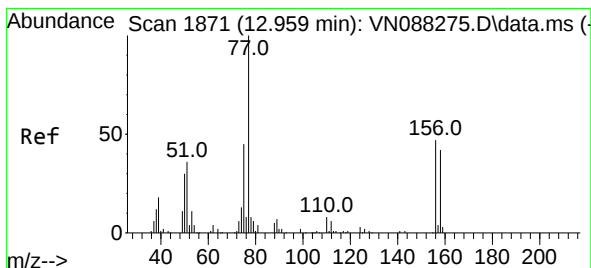
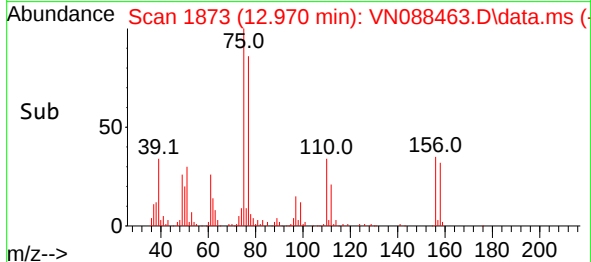
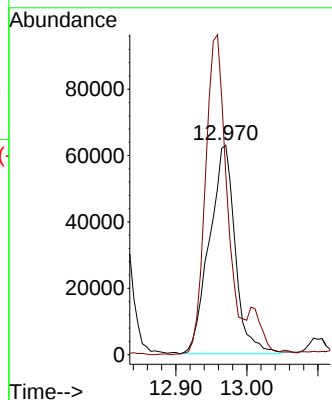
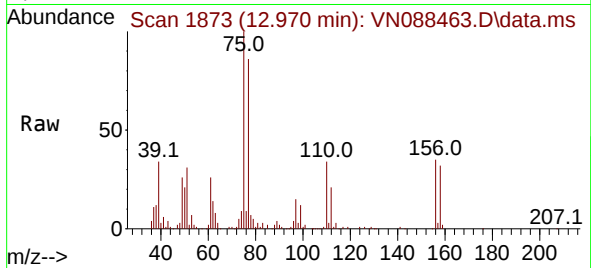




#72
1,2,3-Trichloropropane
Concen: 29.727 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

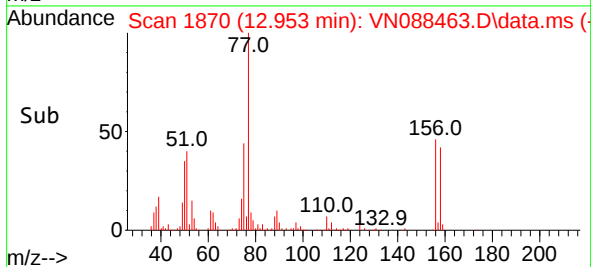
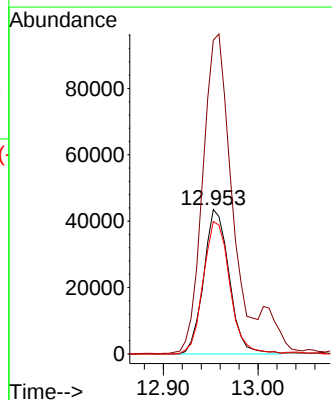
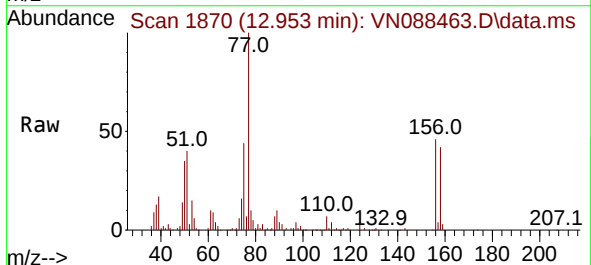
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

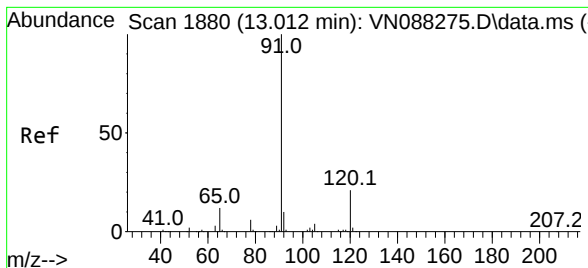
Tgt Ion: 75 Resp: 158195
Ion Ratio Lower Upper
75 100
77 129.6 0.0 386.6



#73
Bromobenzene
Concen: 21.245 ug/l
RT: 12.953 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion:156 Resp: 81337
Ion Ratio Lower Upper
156 100
77 252.1 0.0 493.4
158 95.4 0.0 193.4





#74

n-propylbenzene

Concen: 21.545 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN088463.D

Acq: 05 Dec 2025 08:56

Instrument :

MSVOA_N

ClientSampleId :

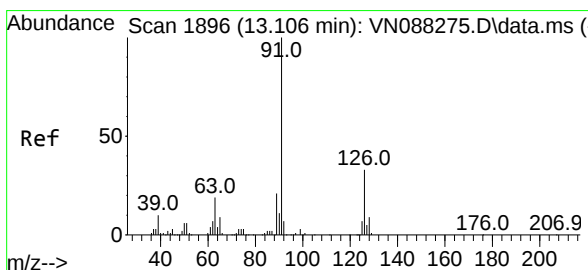
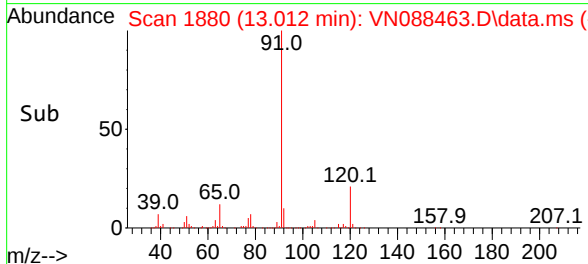
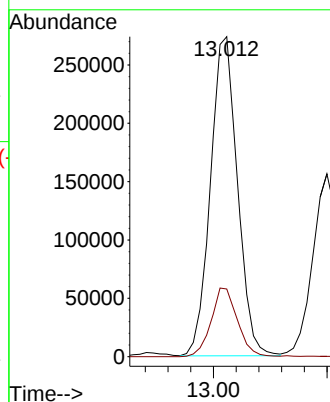
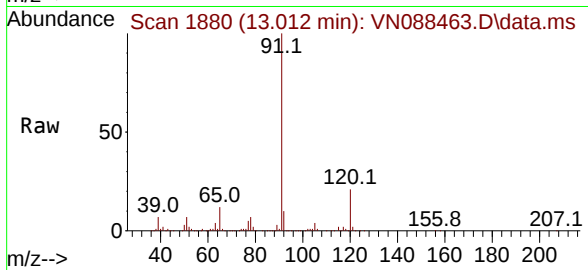
VSTDCCC020

Tgt Ion: 91 Resp: 452151

Ion Ratio Lower Upper

91 100

120 20.9 0.0 43.2



#75

2-Chlorotoluene

Concen: 20.837 ug/l

RT: 13.100 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VN088463.D

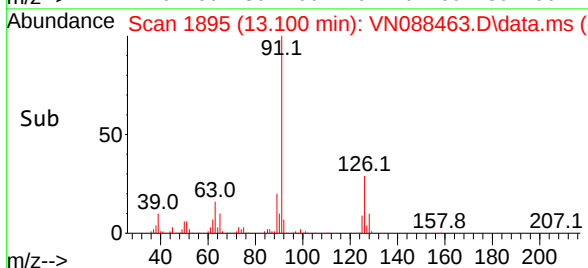
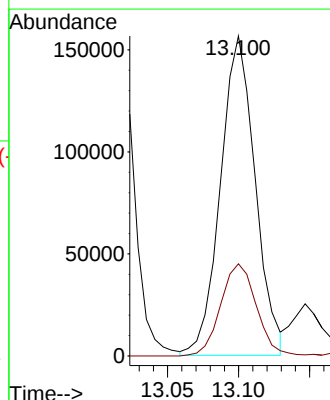
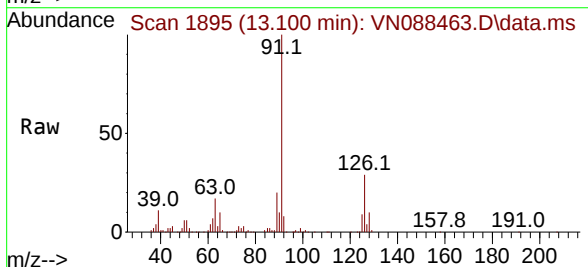
Acq: 05 Dec 2025 08:56

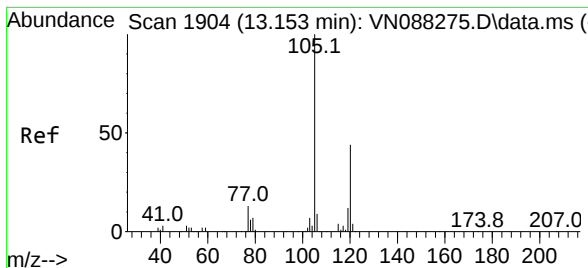
Tgt Ion: 91 Resp: 265903

Ion Ratio Lower Upper

91 100

126 29.7 0.0 62.0





#76

1,3,5-Trimethylbenzene

Concen: 20.721 ug/l

RT: 13.147 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VN088463.D

Acq: 05 Dec 2025 08:56

Instrument :

MSVOA_N

ClientSampleId :

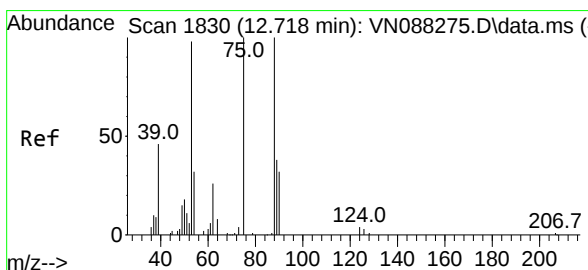
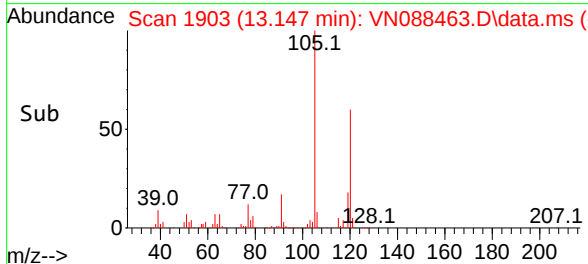
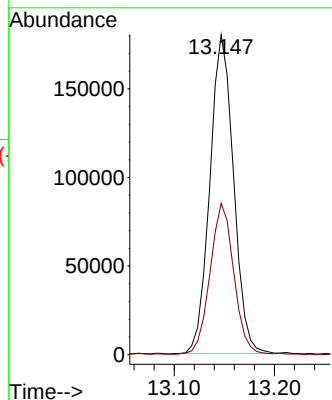
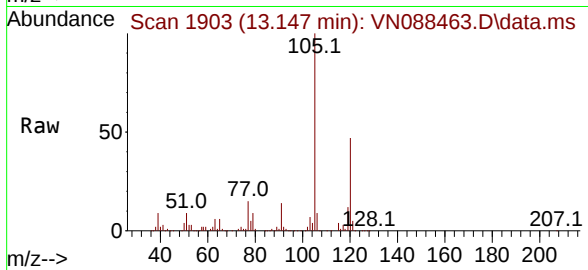
VSTDCCC020

Tgt Ion:105 Resp: 294960

Ion Ratio Lower Upper

105 100

120 47.9 0.0 94.6



#77

t-1,4-Dichloro-2-butene

Concen: 21.200 ug/l

RT: 12.712 min Scan# 1829

Delta R.T. -0.006 min

Lab File: VN088463.D

Acq: 05 Dec 2025 08:56

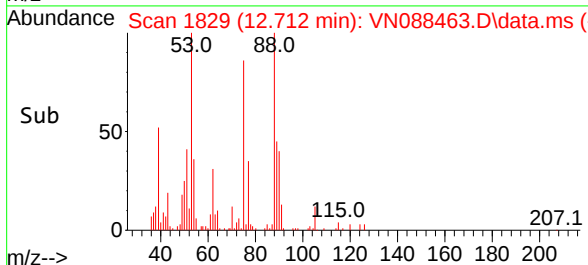
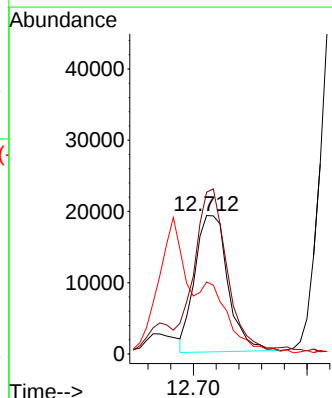
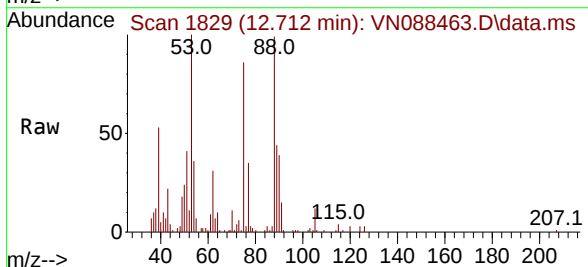
Tgt Ion: 75 Resp: 38743

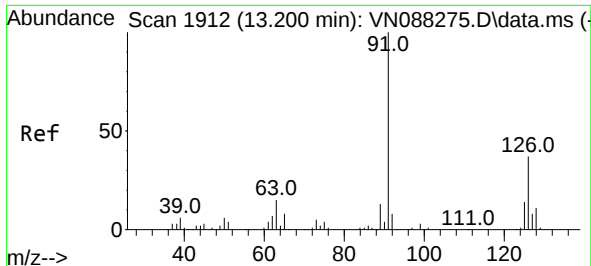
Ion Ratio Lower Upper

75 100

53 115.4 50.0 150.0

89 51.3 22.3 66.9

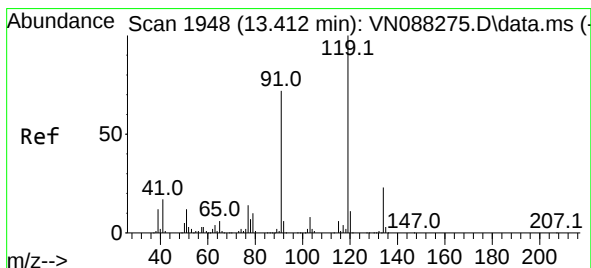
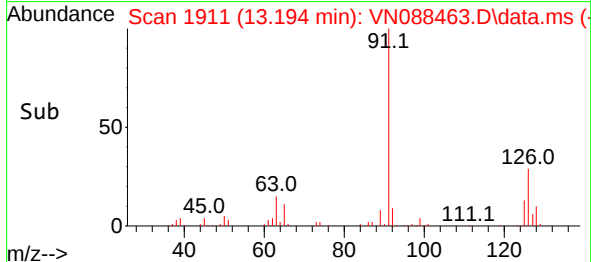
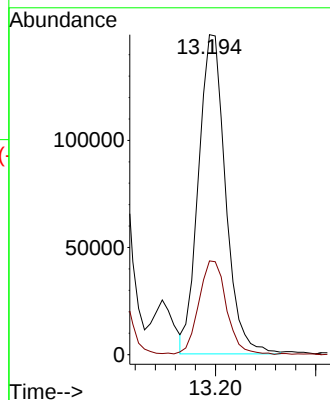
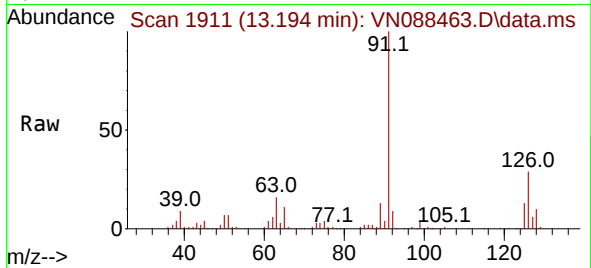




#78
4-Chlorotoluene
Concen: 21.639 ug/l
RT: 13.194 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

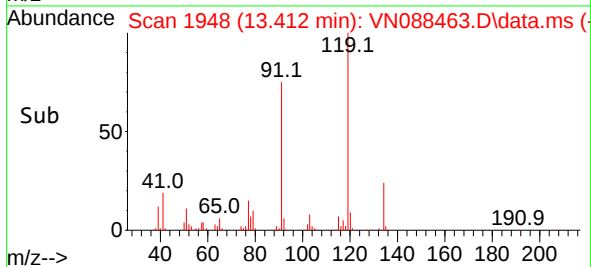
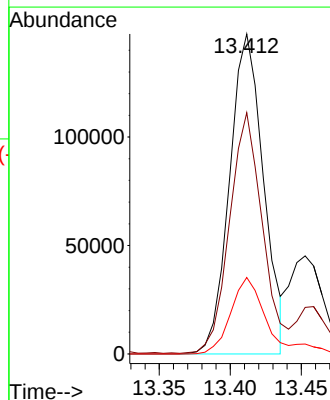
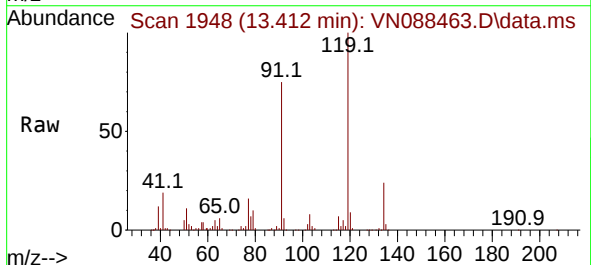
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

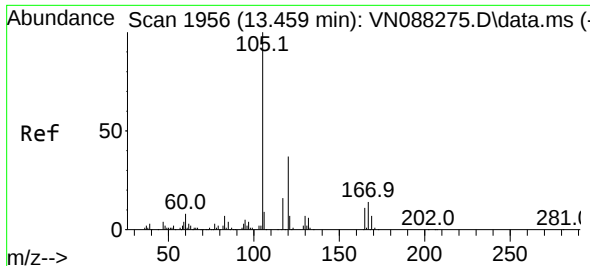
Tgt Ion: 91 Resp: 279836
Ion Ratio Lower Upper
91 100
126 30.0 0.0 60.8



#79
tert-butylbenzene
Concen: 20.109 ug/l
RT: 13.412 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 119 Resp: 245070
Ion Ratio Lower Upper
119 100
91 73.3 0.0 140.8
134 23.3 0.0 48.4

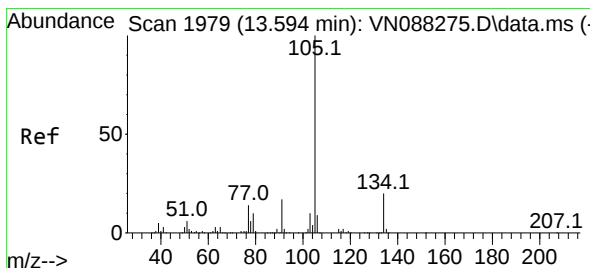
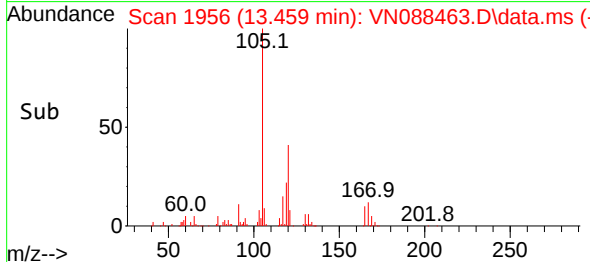
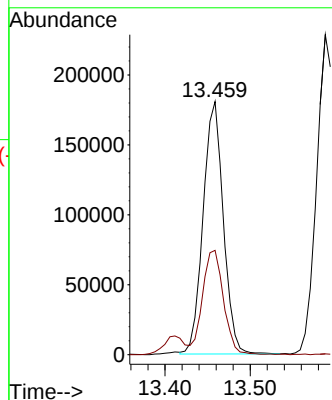
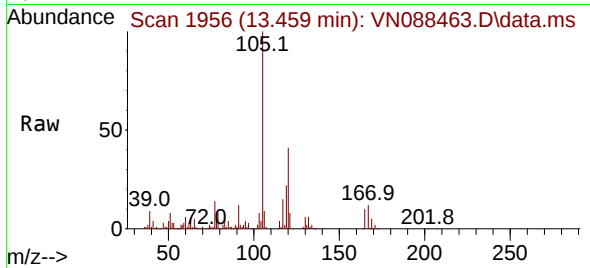




#80
1,2,4-Trimethylbenzene
Concen: 21.010 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

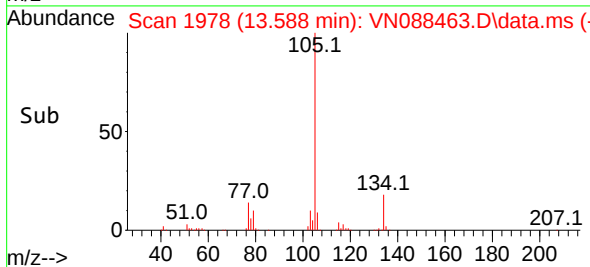
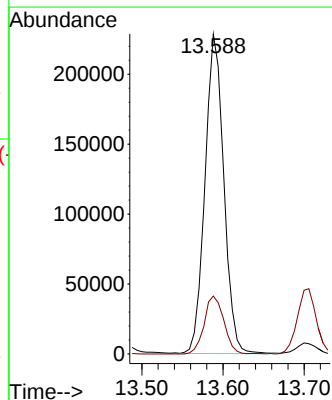
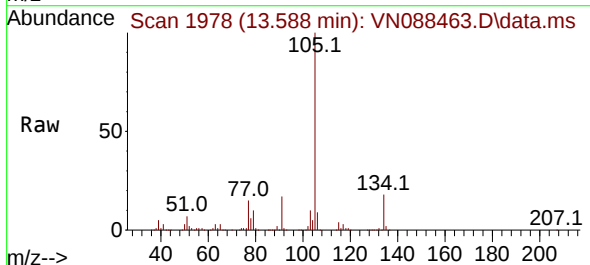
Instrument :
MSVOA_N
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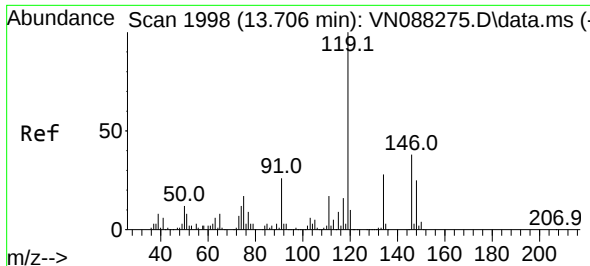
Tgt Ion:105 Resp: 297403
Ion Ratio Lower Upper
105 100
120 42.4 0.0 89.2



#81
sec-Butylbenzene
Concen: 20.666 ug/l
RT: 13.588 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion:105 Resp: 367360
Ion Ratio Lower Upper
105 100
134 18.9 0.0 38.4

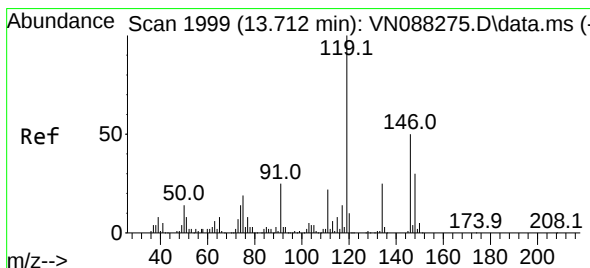
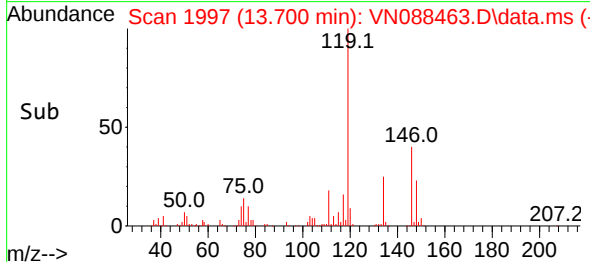
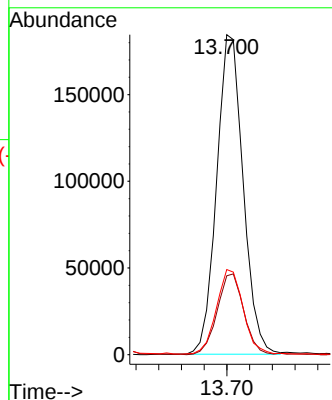
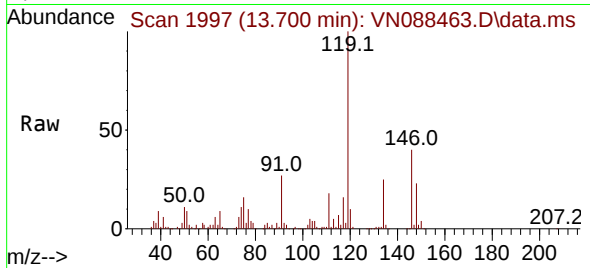




#82
p-Isopropyltoluene
Concen: 20.292 ug/l
RT: 13.700 min Scan# 1997
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

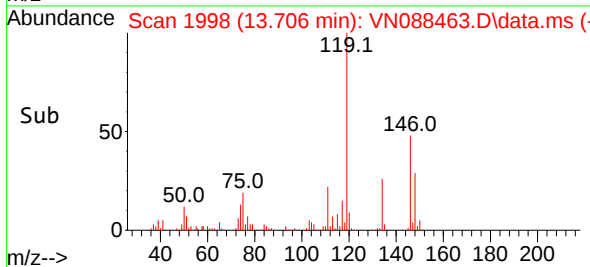
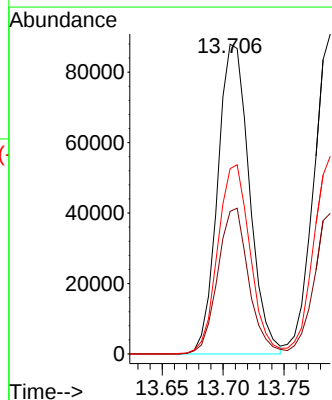
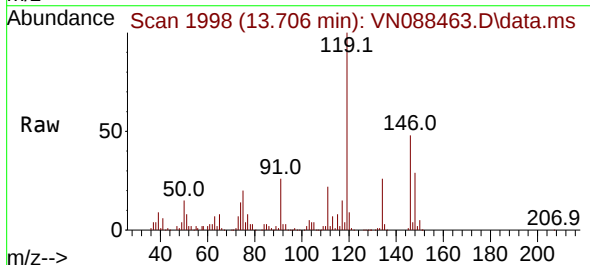
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

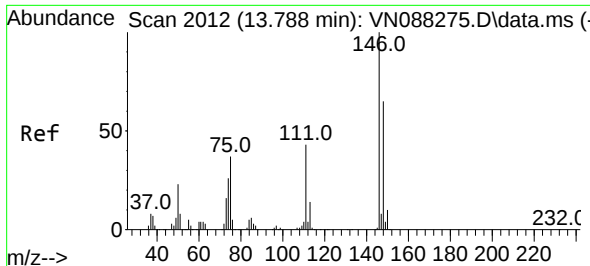
Tgt Ion:119 Resp: 298050
Ion Ratio Lower Upper
119 100
134 25.4 0.0 51.2
91 26.4 0.0 53.4



#83
1,3-Dichlorobenzene
Concen: 21.444 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion:146 Resp: 159510
Ion Ratio Lower Upper
146 100
111 46.0 22.1 66.5
148 62.0 31.4 94.3

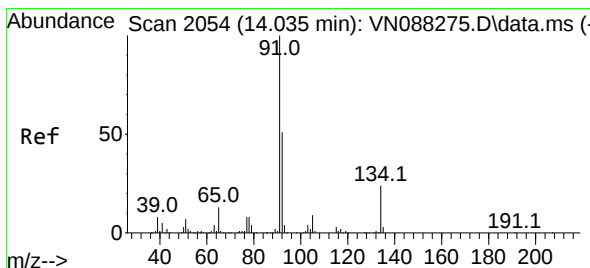
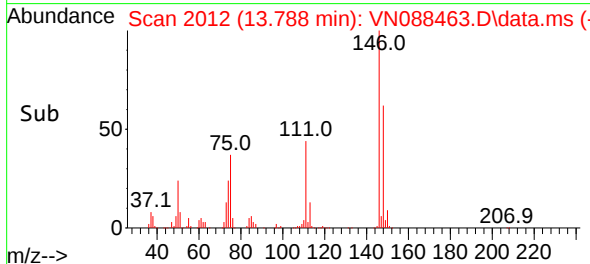
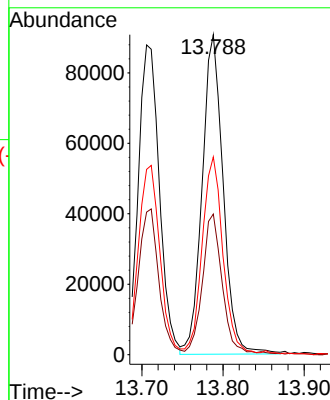
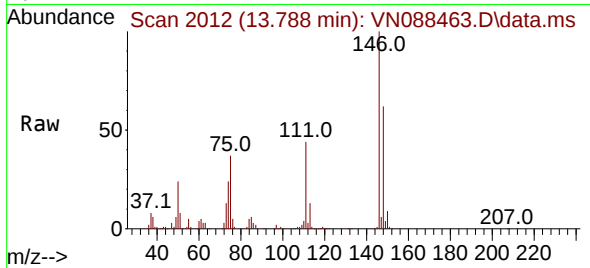




#84
1,4-Dichlorobenzene
Concen: 21.670 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

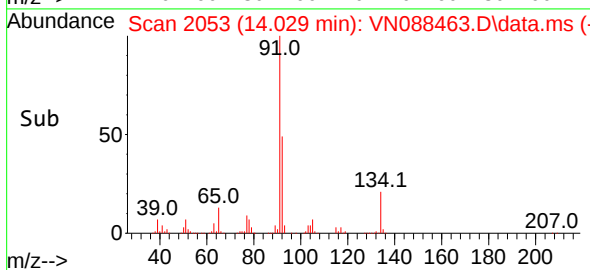
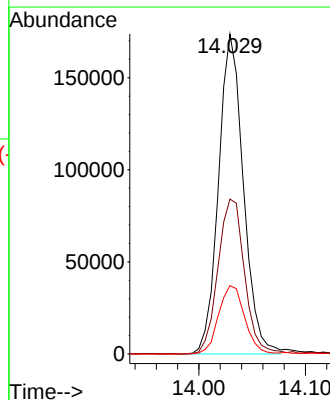
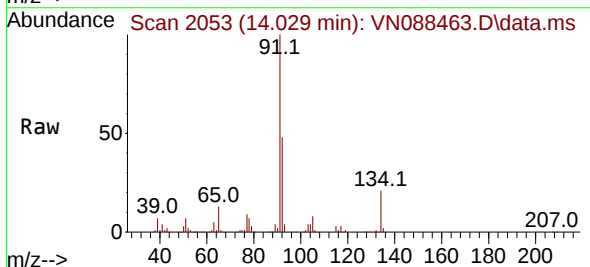
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

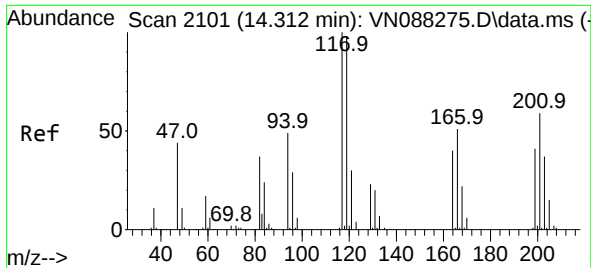
Tgt Ion:146 Resp: 163238
Ion Ratio Lower Upper
146 100
111 41.3 21.8 65.3
148 61.4 31.9 95.5



#85
n-Butylbenzene
Concen: 20.110 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion: 91 Resp: 281516
Ion Ratio Lower Upper
91 100
92 51.8 0.0 102.4
134 22.4 0.0 45.8

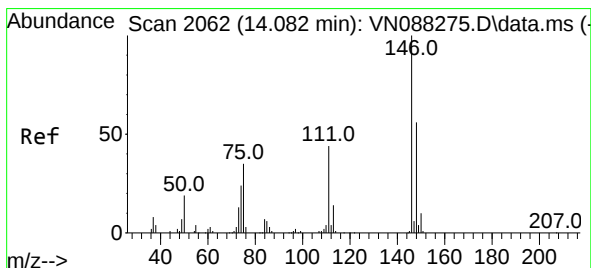
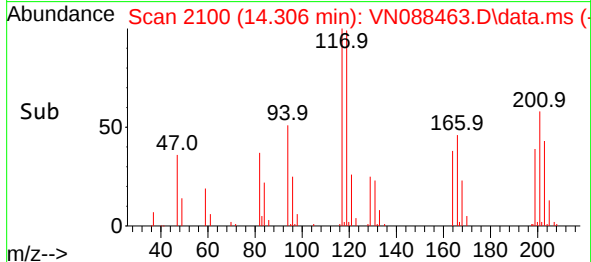
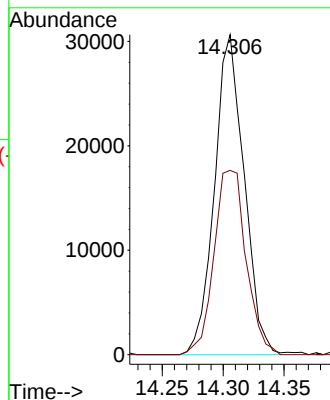
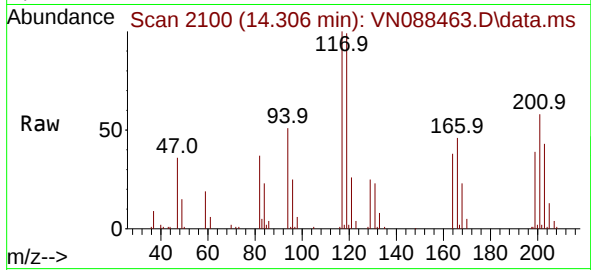




#86
Hexachloroethane
Concen: 18.465 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

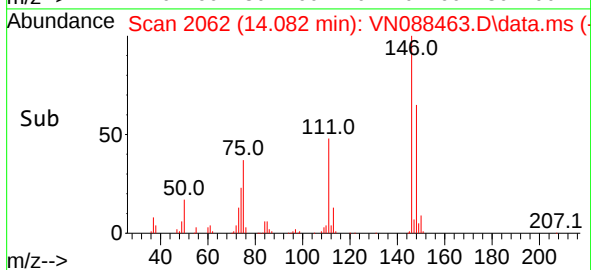
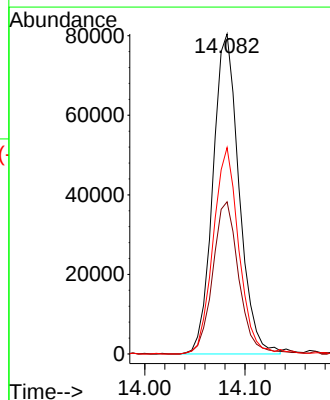
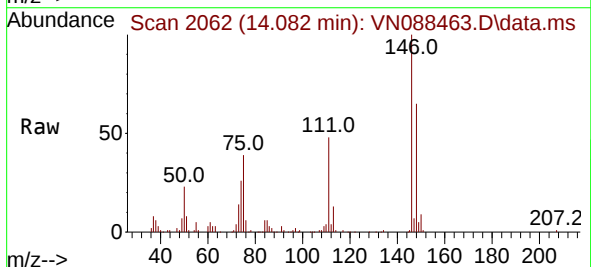
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

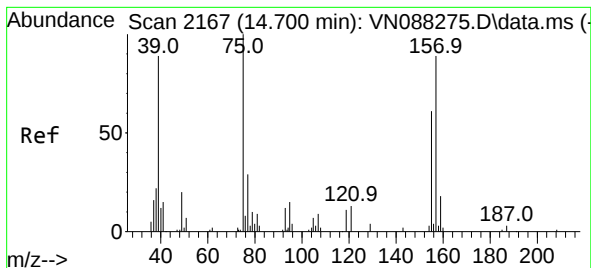
Tgt Ion:117 Resp: 51931
Ion Ratio Lower Upper
117 100
201 62.5 30.6 92.0



#87
1,2-Dichlorobenzene
Concen: 20.758 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion:146 Resp: 145745
Ion Ratio Lower Upper
146 100
111 47.6 23.0 69.0
148 63.0 31.1 93.2

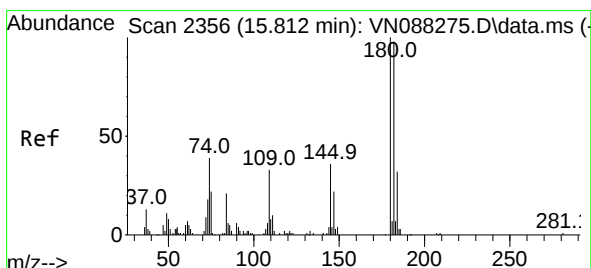
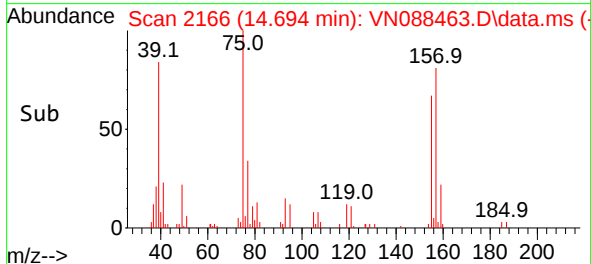
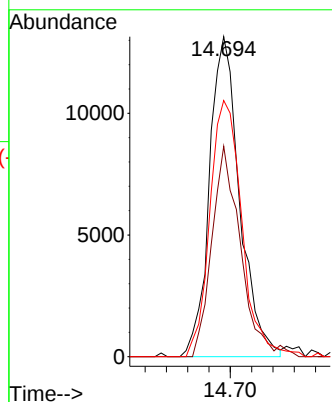
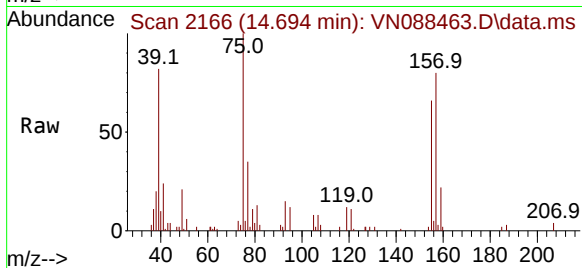




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.048 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088463.D
 Acq: 05 Dec 2025 08:56

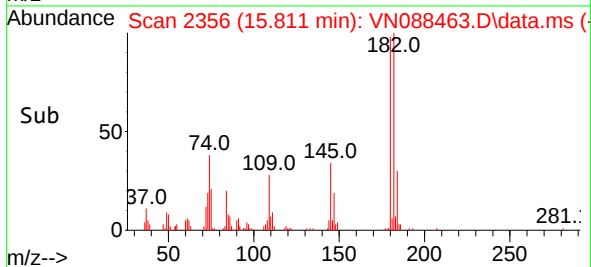
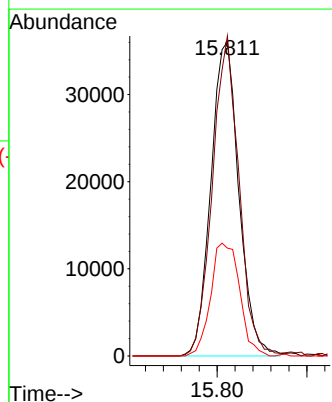
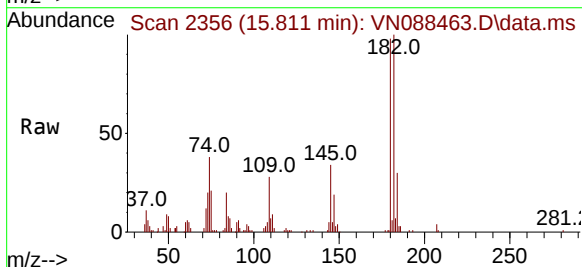
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

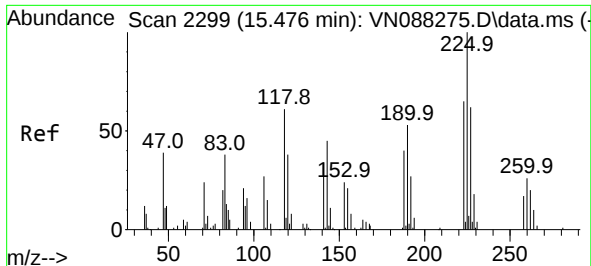
Tgt Ion: 75 Resp: 25886
 Ion Ratio Lower Upper
 75 100
 155 61.4 54.8 82.2
 157 84.9 70.7 106.1



#89
 1,2,4-Trichlorobenzene
 Concen: 19.840 ug/l
 RT: 15.811 min Scan# 2356
 Delta R.T. -0.000 min
 Lab File: VN088463.D
 Acq: 05 Dec 2025 08:56

Tgt Ion:180 Resp: 78169
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.3 115.9
 145 37.1 30.2 45.4

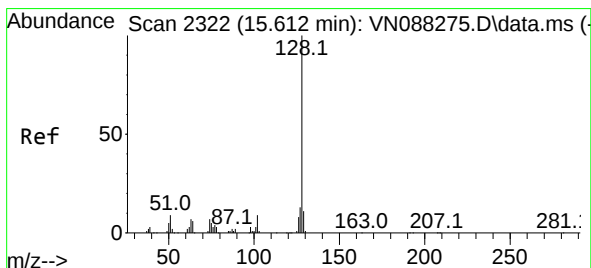
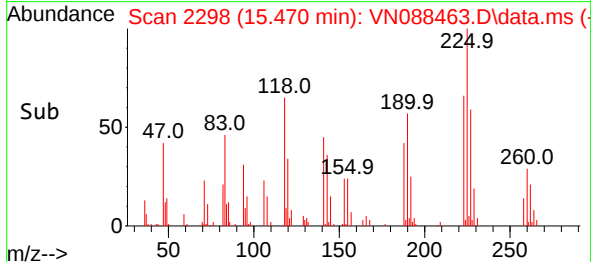
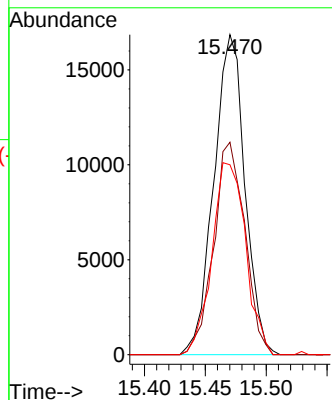
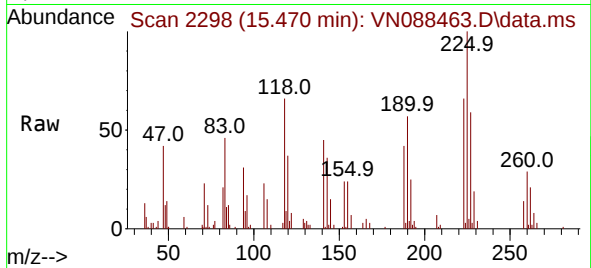




#90
Hexachlorobutadiene
Concen: 19.596 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

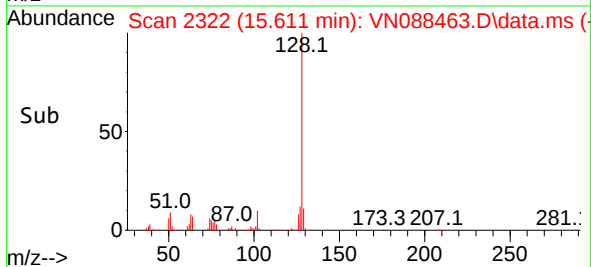
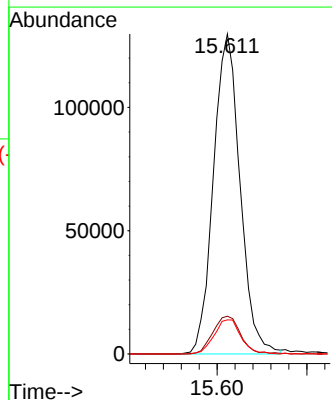
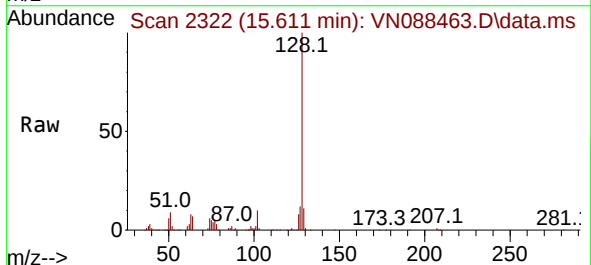
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

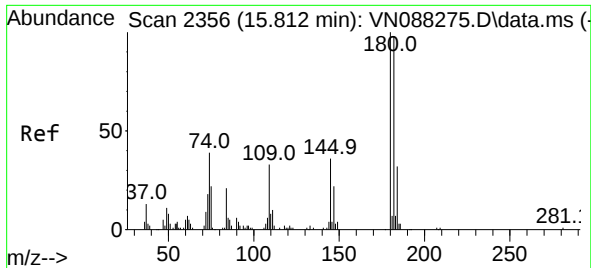
Tgt Ion:225 Resp: 29984
Ion Ratio Lower Upper
225 100
223 66.6 0.0 132.0
227 64.8 0.0 132.6



#91
Naphthalene
Concen: 18.758 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088463.D
Acq: 05 Dec 2025 08:56

Tgt Ion:128 Resp: 267411
Ion Ratio Lower Upper
128 100
127 12.1 10.6 16.0
129 10.8 8.8 13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 19.840 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN088463.D
 Acq: 05 Dec 2025 08:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:180	Resp:	78169
Ion Ratio	Lower	Upper
180	100	
182	96.2	0.0 193.2
145	37.1	0.0 75.6

