

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103025\
 Data File : VT019208.D
 Acq On : 30 Oct 2025 10:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 31 01:14:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 08:43:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.589	168	159233	50.000	ug/l	0.04
34) 1,4-Difluorobenzene	8.582	114	262470	50.000	ug/l	0.03
63) Chlorobenzene-d5	11.760	117	216526	50.000	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.964	152	104980	50.000	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.977	65	118279	46.180	ug/l	0.04
Spiked Amount 50.000			Recovery	=	92.360%	
35) Dibromofluoromethane	7.501	113	82705	49.821	ug/l	0.04
Spiked Amount 50.000			Recovery	=	99.640%	
50) Toluene-d8	10.262	98	335463	49.762	ug/l	0.04
Spiked Amount 50.000			Recovery	=	99.520%	
62) 4-Bromofluorobenzene	12.894	95	103206	48.699	ug/l	0.04
Spiked Amount 50.000			Recovery	=	97.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.884	85	36998	39.454	ug/l	97
3) Chloromethane	2.089	50	20793	14.387	ug/l	93
4) Vinyl Chloride	2.207	62	82941	44.865	ug/l	99
5) Bromomethane	2.536	94	67819	68.105	ug/l	96
6) Chloroethane	2.683	64	87841	52.369	ug/l	96
7) Trichlorofluoromethane	2.988	101	170815	49.906	ug/l	97
8) Diethyl Ether	3.364	74	77495	47.207	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.693	101	72786	43.831	ug/l	94
10) Methyl Iodide	3.875	142	60348	44.887	ug/l	98
11) Tert butyl alcohol	4.686	59	142845	262.383	ug/l	99
12) 1,1-Dichloroethene	3.670	96	63692	41.512	ug/l	98
13) Acrolein	3.546	56	21086	227.043	ug/l	97
14) Allyl chloride	4.228	41	146689	48.476	ug/l	91
15) Acrylonitrile	4.857	53	332051	250.093	ug/l	99
16) Acetone	3.752	43	373259	244.511	ug/l	99
17) Carbon Disulfide	3.969	76	96955	46.491	ug/l	98
18) Methyl Acetate	4.234	43	239044	53.038	ug/l	96
19) Methyl tert-butyl Ether	4.921	73	337188	48.653	ug/l	100
20) Methylene Chloride	4.439	84	79079	46.181	ug/l	97
21) trans-1,2-Dichloroethene	4.910	96	64769	49.568	ug/l	94
22) Diisopropyl ether	5.814	45	348843	48.559	ug/l	99
23) Vinyl Acetate	5.761	43	1242158	242.026	ug/l	100
24) 1,1-Dichloroethane	5.709	63	164025	48.807	ug/l	98
25) 2-Butanone	6.713	43	464475	237.094	ug/l	96
26) 2,2-Dichloropropane	6.696	77	142243	49.051	ug/l	100
27) cis-1,2-Dichloroethene	6.702	96	91747	50.035	ug/l	99
28) Bromochloromethane	7.083	49	88201	49.108	ug/l #	98
29) Tetrahydrofuran	7.107	42	287206	251.974	ug/l	91
30) Chloroform	7.277	83	154273	49.032	ug/l	97
31) Cyclohexane	7.571	56	112453	44.999	ug/l	97
32) 1,1,1-Trichloroethane	7.483	97	126409	50.472	ug/l	99
36) 1,1-Dichloropropene	7.724	75	95061	50.910	ug/l	99
37) Ethyl Acetate	6.813	43	159667	50.231	ug/l	98
38) Carbon Tetrachloride	7.700	117	90915	53.549	ug/l	99
39) Methylcyclohexane	9.128	83	104524	50.662	ug/l	92
40) Benzene	7.988	78	316745	50.111	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.060	41	89301	55.842	ug/l #	93
42) 1,2-Dichloroethane	8.082	62	111693	50.286	ug/l	97
43) Isopropyl Acetate	8.123	43	256922	50.830	ug/l #	91
44) Trichloroethene	8.858	130	63494	51.389	ug/l	95
45) 1,2-Dichloropropane	9.169	63	81095	50.424	ug/l	97
46) Dibromomethane	9.269	93	50495	52.168	ug/l	94
47) Bromodichloromethane	9.487	83	113867	52.180	ug/l	97
48) Methyl methacrylate	9.263	41	118317	52.115	ug/l	91
49) 1,4-Dioxane	9.263	88	44336	1039.733	ug/l	93
51) 4-Methyl-2-Pentanone	10.139	43	804706	264.347	ug/l	97
52) Toluene	10.333	92	186203	51.555	ug/l	97
53) t-1,3-Dichloropropene	10.591	75	122781	51.985	ug/l	99
54) cis-1,3-Dichloropropene	9.980	75	125409	51.276	ug/l	94
55) 1,1,2-Trichloroethane	10.797	97	75380	52.916	ug/l	99
56) Ethyl methacrylate	10.644	69	145897	53.295	ug/l	93
57) 1,3-Dichloropropane	10.961	76	130602	51.658	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.816	63	180992	245.667	ug/l	98
59) 2-Hexanone	11.008	43	589518	255.634	ug/l	95
60) Dibromochloromethane	11.185	129	76871	53.523	ug/l	100
61) 1,2-Dibromoethane	11.302	107	70233	52.948	ug/l	97
64) Tetrachloroethene	10.873	164	50604	51.417	ug/l	98
65) Chlorobenzene	11.784	112	197414	50.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.872	131	67687	50.871	ug/l	98
67) Ethyl Benzene	11.878	91	362929	49.948	ug/l	99
68) m/p-Xylenes	12.001	106	268795	100.150	ug/l	99
69) o-Xylene	12.371	106	134139	50.280	ug/l	100
70) Styrene	12.389	104	239572	49.870	ug/l	98
71) Bromoform	12.583	173	54266	53.337	ug/l #	100
73) Isopropylbenzene	12.718	105	363427	50.287	ug/l	98
74) N-amyl acetate	12.507	43	184418	50.588	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.006	83	124526	50.287	ug/l	97
76) 1,2,3-Trichloropropane	13.065	75	165095	76.423	ug/l #	100
77) Bromobenzene	13.035	156	76492	49.883	ug/l	93
78) n-propylbenzene	13.106	91	425705	49.581	ug/l	97
79) 2-Chlorotoluene	13.206	91	243898	49.583	ug/l	98
80) 1,3,5-Trimethylbenzene	13.265	105	291518	50.220	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.712	75	4508	4.896	ug/l #	75
82) 4-Chlorotoluene	13.312	91	248365	49.617	ug/l	100
83) tert-Butylbenzene	13.564	119	271309	50.496	ug/l	97
84) 1,2,4-Trimethylbenzene	13.611	105	292978	49.696	ug/l	97
85) sec-Butylbenzene	13.764	105	396220	50.277	ug/l	97
86) p-Isopropyltoluene	13.893	119	330711	50.261	ug/l	98
87) 1,3-Dichlorobenzene	13.899	146	155291	49.360	ug/l	99
88) 1,4-Dichlorobenzene	13.987	146	158353	49.967	ug/l	100
89) n-Butylbenzene	14.263	91	311576	51.266	ug/l	97
90) Hexachloroethane	14.575	117	54558	53.745	ug/l	94
91) 1,2-Dichlorobenzene	14.322	146	156352	50.729	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	15.021	75	27315	51.147	ug/l	95
93) 1,2,4-Trichlorobenzene	15.815	180	100947	50.925	ug/l	100
94) Hexachlorobutadiene	15.932	225	41905	51.255	ug/l	97
95) Naphthalene	16.102	128	350187	50.453	ug/l	99
96) 1,2,3-Trichlorobenzene	16.343	180	101021	51.655	ug/l	99

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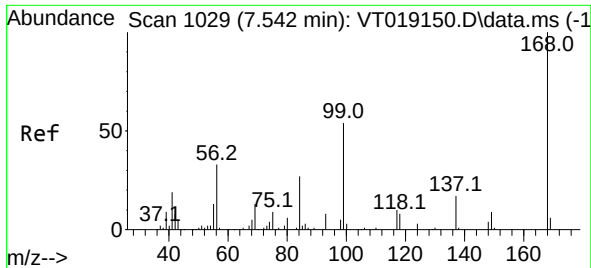
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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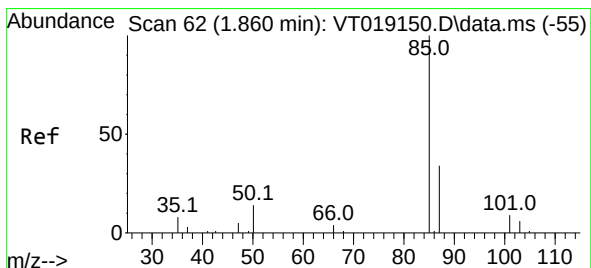
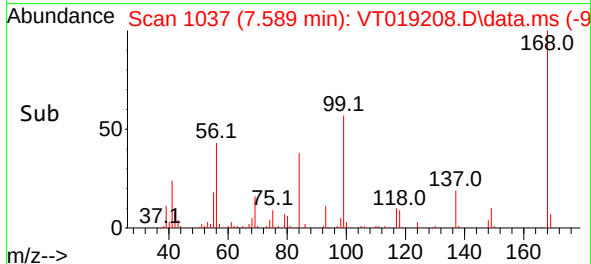
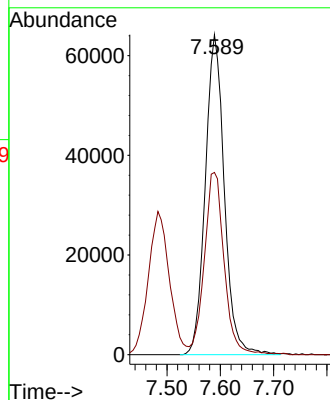
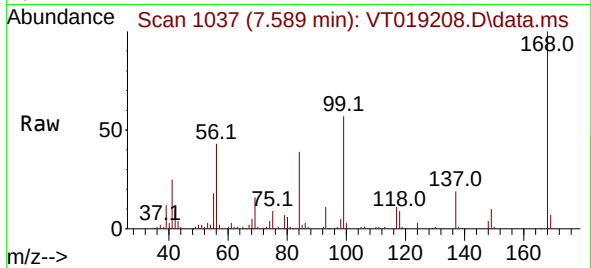




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.589 min Scan# 10
Delta R.T. 0.041 min
Lab File: VT019208.D
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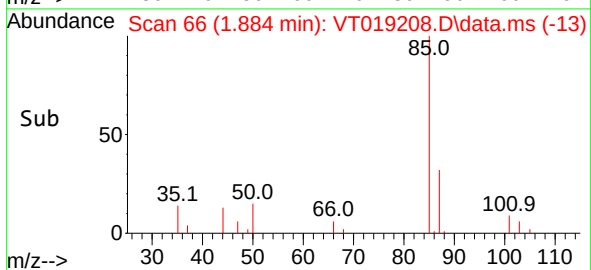
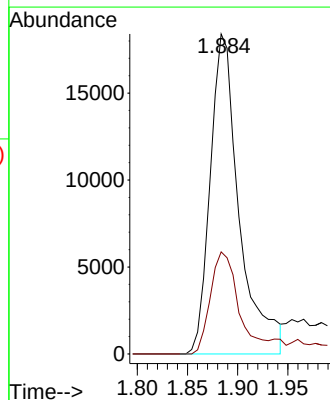
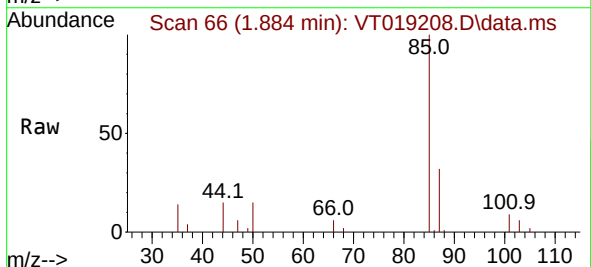
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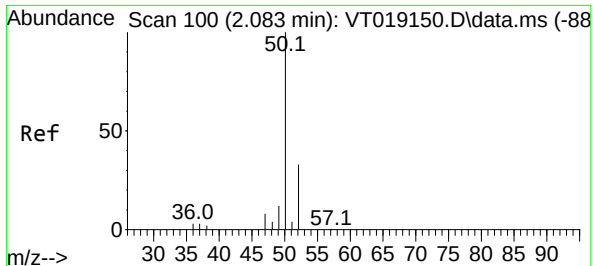
Tgt Ion:168 Resp: 159233
Ion Ratio Lower Upper
168 100
99 56.7 46.6 70.0



#2
Dichlorodifluoromethane
Concen: 39.454 ug/l
RT: 1.884 min Scan# 66
Delta R.T. 0.012 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 85 Resp: 36998
Ion Ratio Lower Upper
85 100
87 31.9 16.8 50.4

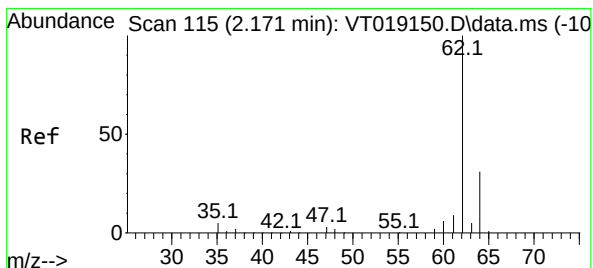
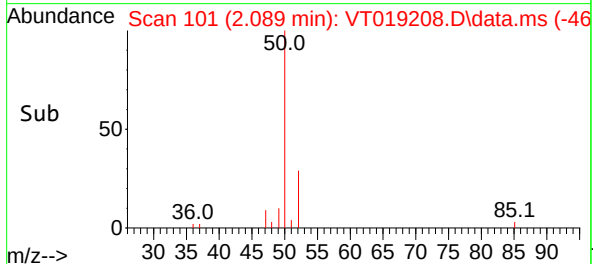
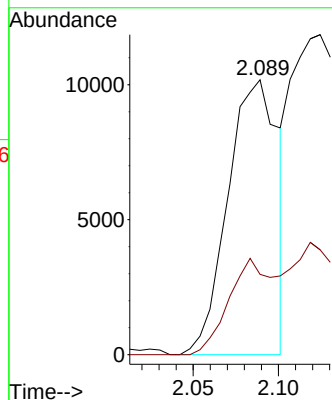
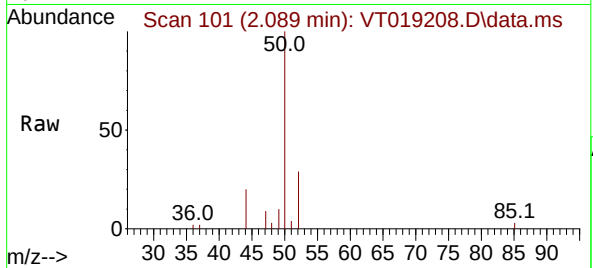




#3
Chloromethane
Concen: 14.387 ug/l
RT: 2.089 min Scan# 100
Delta R.T. 0.023 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

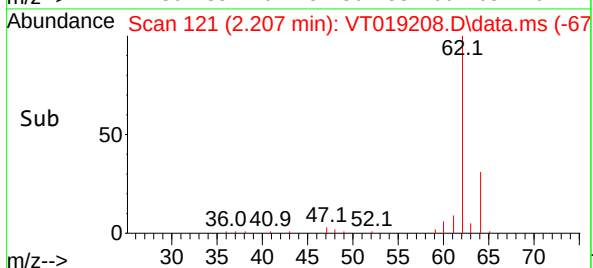
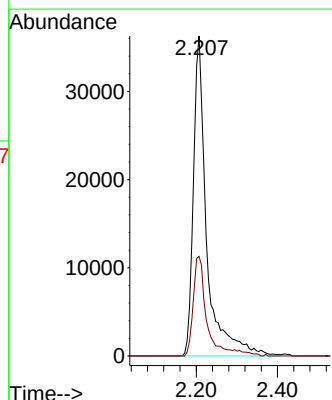
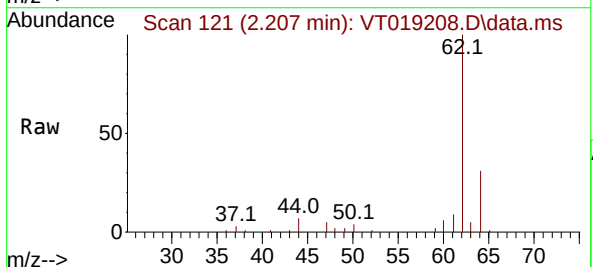
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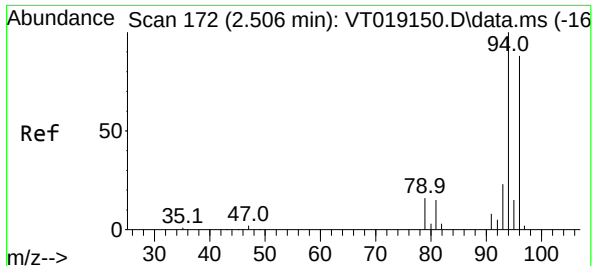
Tgt Ion: 50 Resp: 20793
Ion Ratio Lower Upper
50 100
52 29.2 26.5 39.7



#4
Vinyl Chloride
Concen: 44.865 ug/l
RT: 2.207 min Scan# 121
Delta R.T. 0.018 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 62 Resp: 82941
Ion Ratio Lower Upper
62 100
64 31.1 25.2 37.8

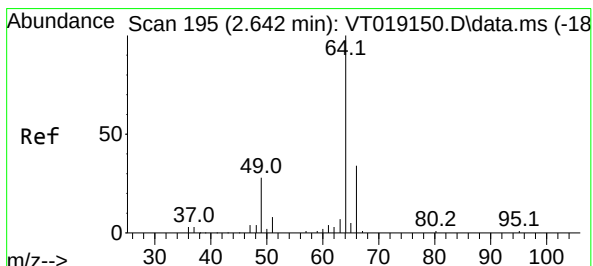
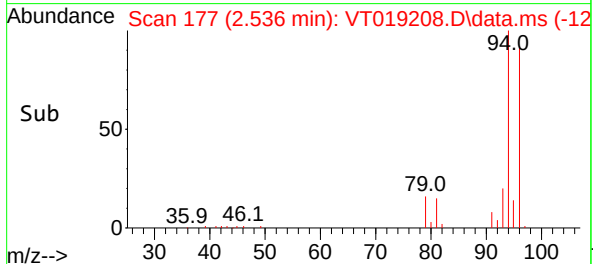
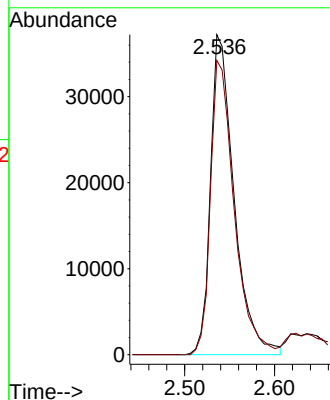
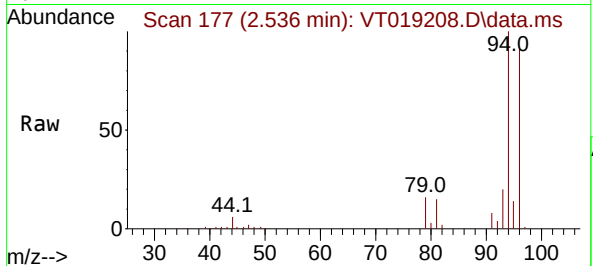




#5
Bromomethane
Concen: 68.105 ug/l
RT: 2.536 min Scan# 11
Delta R.T. 0.018 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

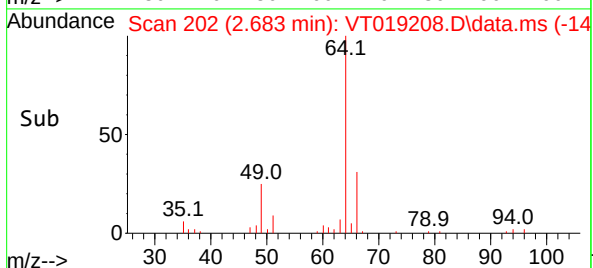
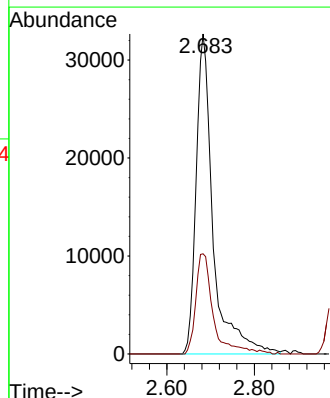
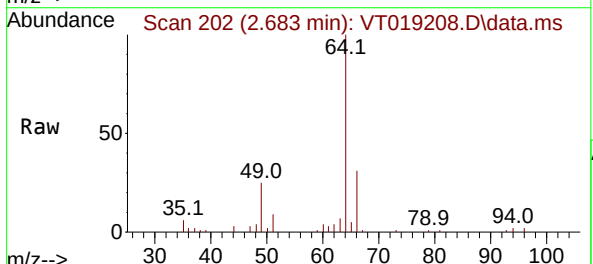
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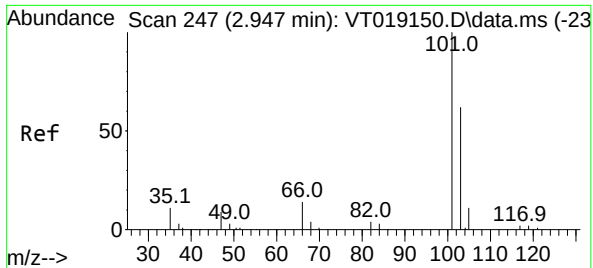
Tgt Ion: 94 Resp: 67819
Ion Ratio Lower Upper
94 100
96 92.0 70.8 106.2



#6
Chloroethane
Concen: 52.369 ug/l
RT: 2.683 min Scan# 202
Delta R.T. 0.024 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 64 Resp: 87841
Ion Ratio Lower Upper
64 100
66 31.3 26.9 40.3

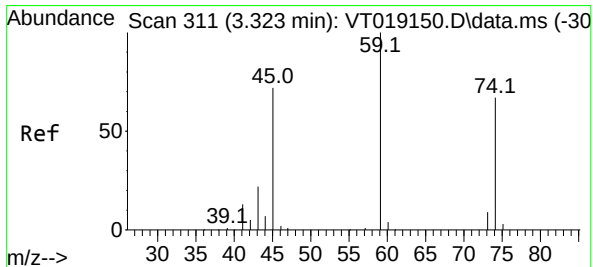
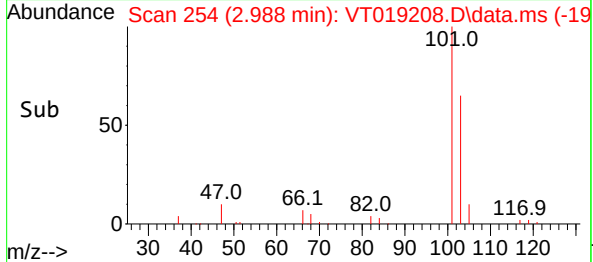
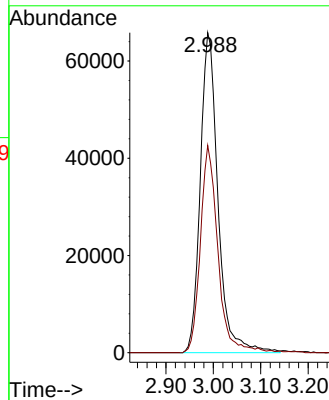
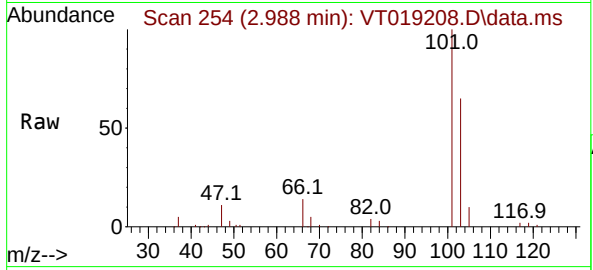




#7
 Trichlorofluoromethane
 Concen: 49.906 ug/l
 RT: 2.988 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: VT019208.D
 Acq: 30 Oct 2025 10:20

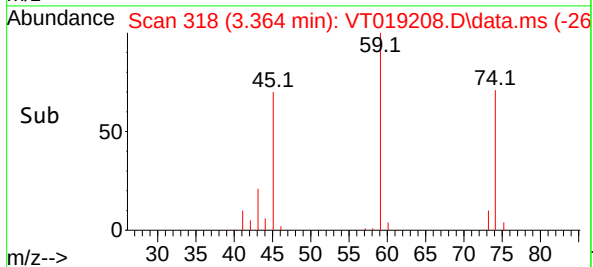
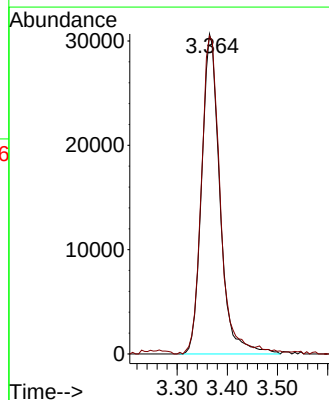
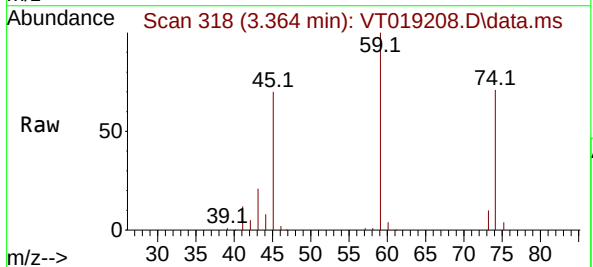
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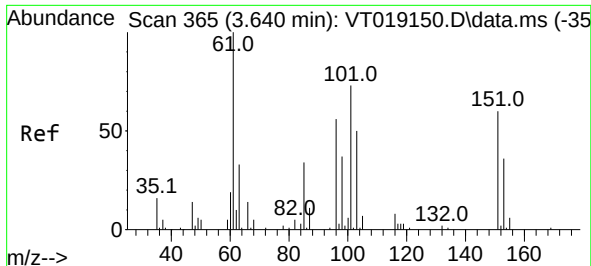
Tgt Ion:101 Resp: 170815
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.9 74.9



#8
 Diethyl Ether
 Concen: 47.207 ug/l
 RT: 3.364 min Scan# 318
 Delta R.T. 0.029 min
 Lab File: VT019208.D
 Acq: 30 Oct 2025 10:20

Tgt Ion: 74 Resp: 77495
 Ion Ratio Lower Upper
 74 100
 45 103.4 52.3 156.8

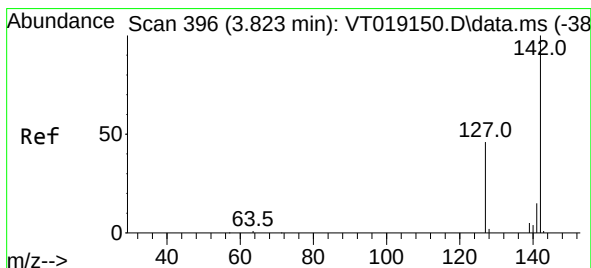
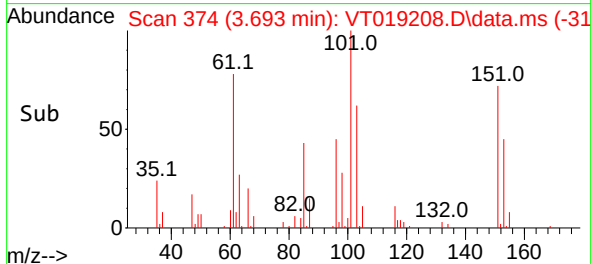
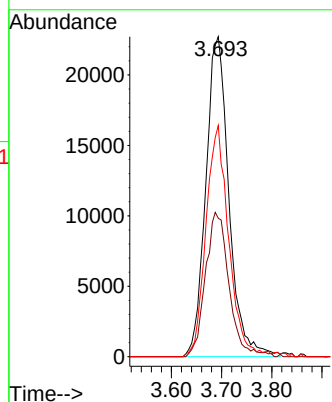
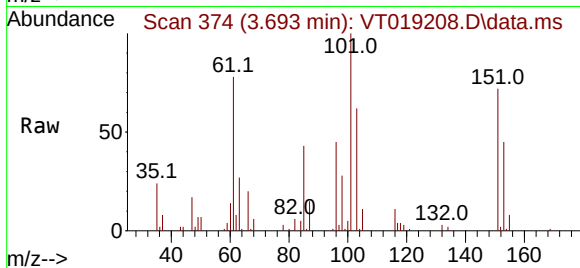




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 43.831 ug/l
 RT: 3.693 min Scan# 31
 Delta R.T. 0.041 min
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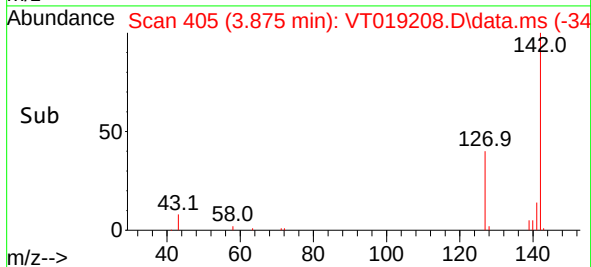
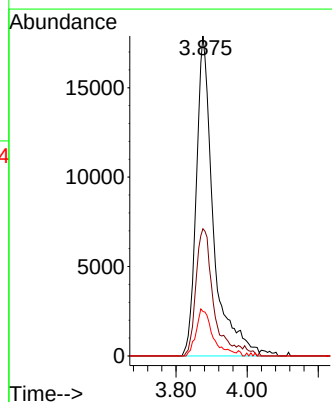
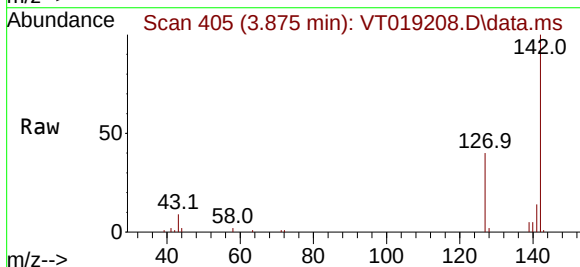
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 ClientSampleId :
 VSTDCCC050

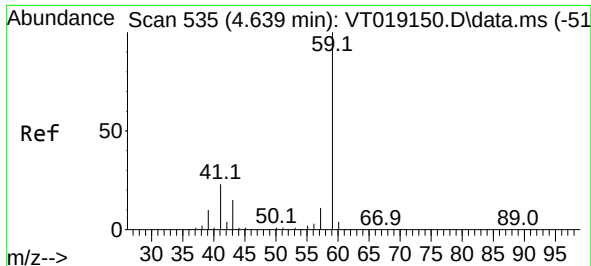
Tgt Ion:101 Resp: 72786
 Ion Ratio Lower Upper
 101 100
 85 45.8 37.0 55.6
 151 71.1 63.8 95.6



#10
 Methyl Iodide
 Concen: 44.887 ug/l
 RT: 3.875 min Scan# 405
 Delta R.T. 0.035 min
 Lab File: VT019208.D
 Acq: 30 Oct 2025 10:20

Tgt Ion:142 Resp: 60348
 Ion Ratio Lower Upper
 142 100
 127 41.7 35.0 52.4
 141 14.1 11.4 17.2

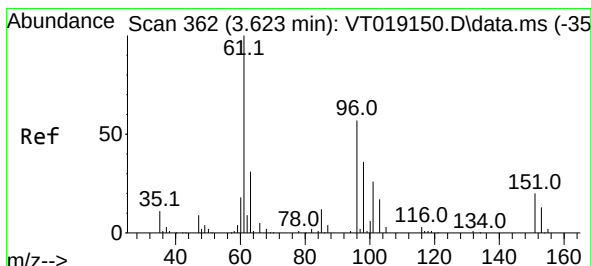
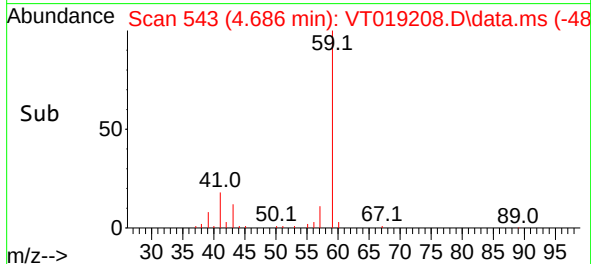
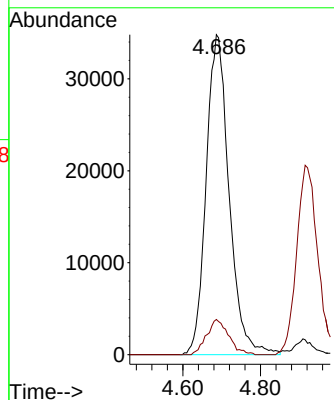
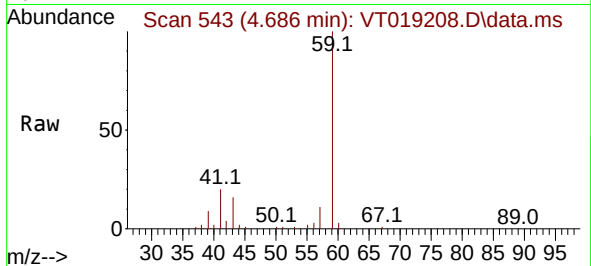




#11
Tert butyl alcohol
Concen: 262.383 ug/l
RT: 4.686 min Scan# 54
Delta R.T. 0.047 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

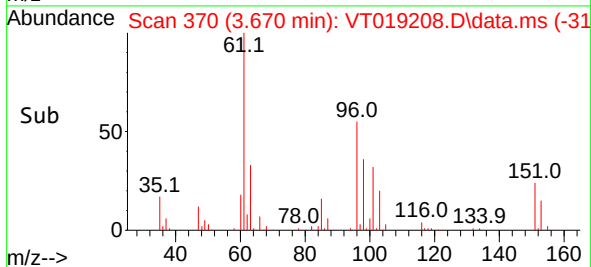
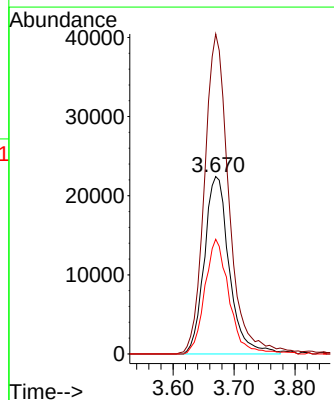
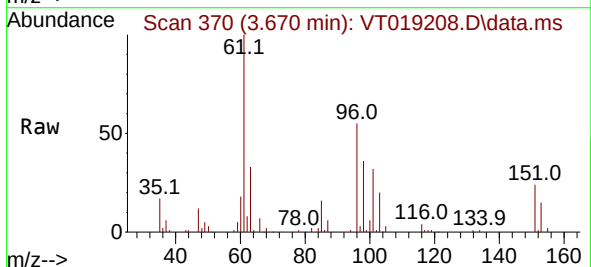
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

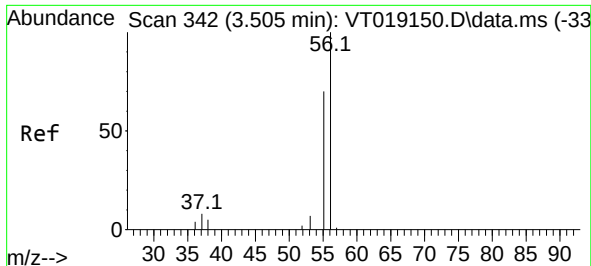
Tgt Ion: 59 Resp: 142845
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1



#12
1,1-Dichloroethene
Concen: 41.512 ug/l
RT: 3.670 min Scan# 370
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 96 Resp: 63692
Ion Ratio Lower Upper
96 100
61 179.6 141.4 212.2
98 64.7 50.7 76.1

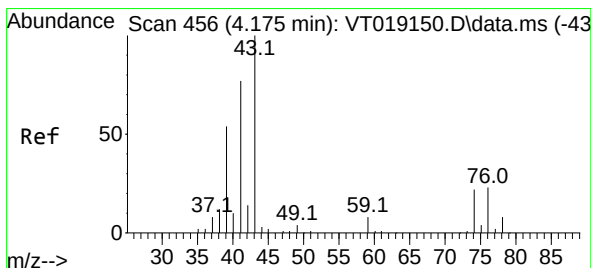
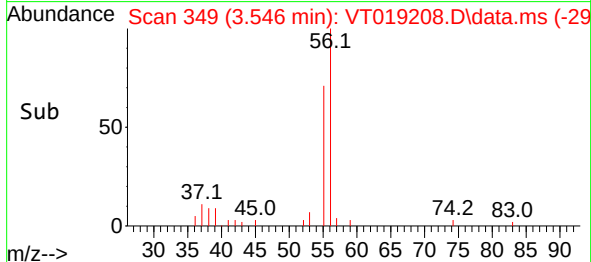
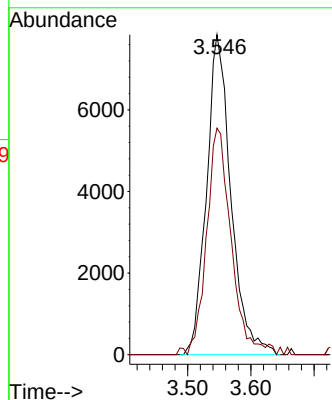
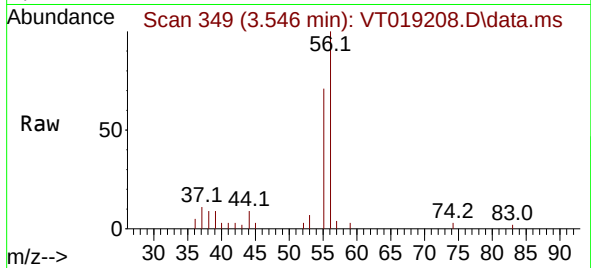




#13
Acrolein
Concen: 227.043 ug/l
RT: 3.546 min Scan# 34
Delta R.T. 0.029 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

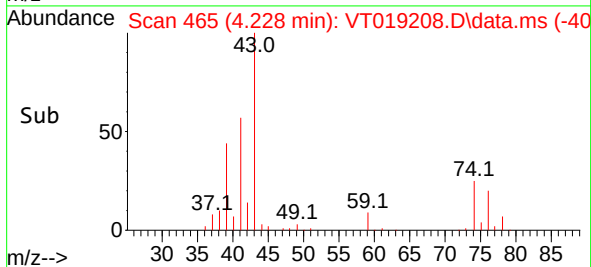
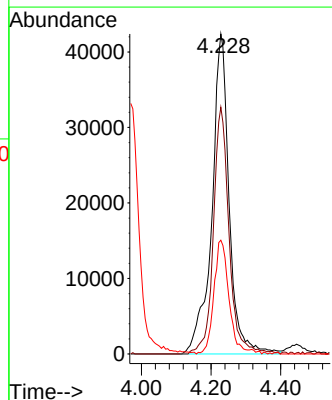
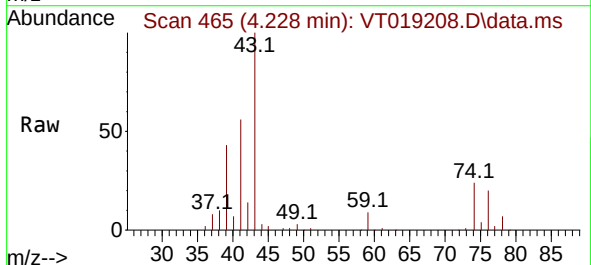
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 21086
Ion Ratio Lower Upper
56 100
55 71.4 59.4 89.0



#14
Allyl chloride
Concen: 48.476 ug/l
RT: 4.228 min Scan# 465
Delta R.T. 0.041 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 41 Resp: 146689
Ion Ratio Lower Upper
41 100
39 69.7 49.9 74.9
76 30.5 20.8 31.2

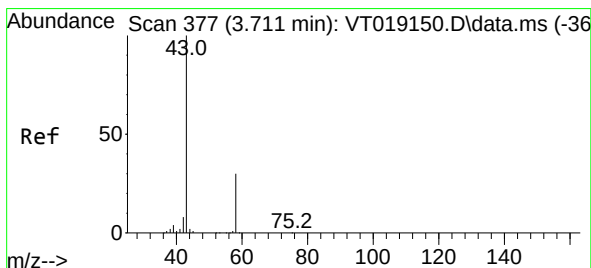
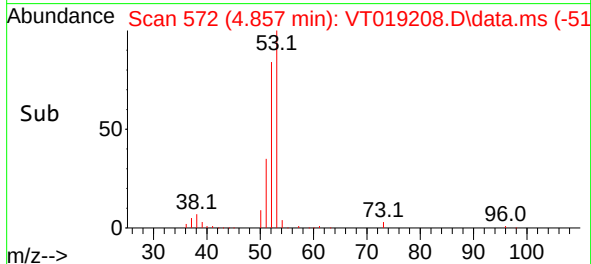
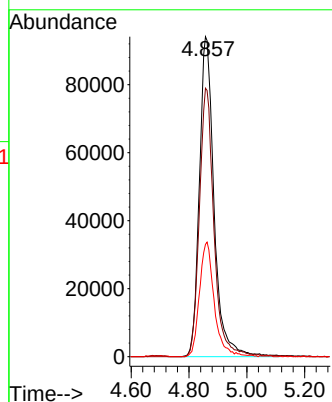
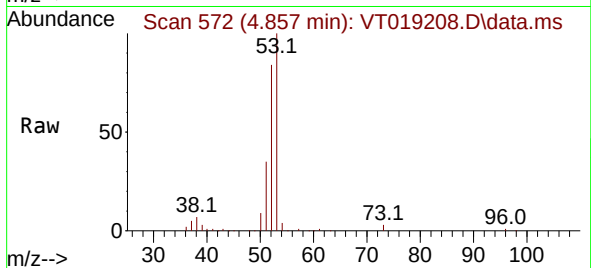




#15
Acrylonitrile
Concen: 250.093 ug/l
RT: 4.857 min Scan# 51
Delta R.T. 0.041 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

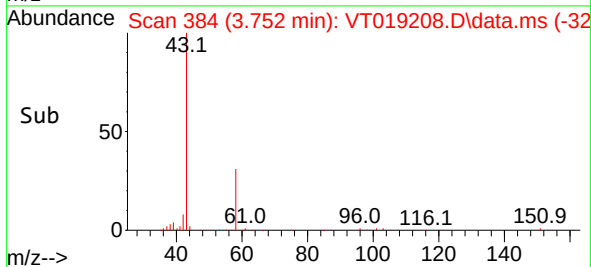
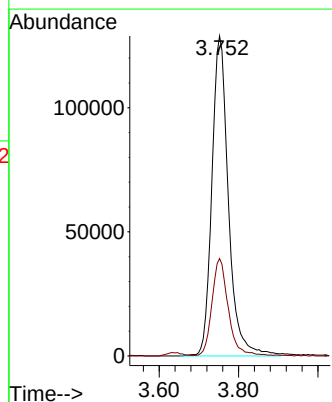
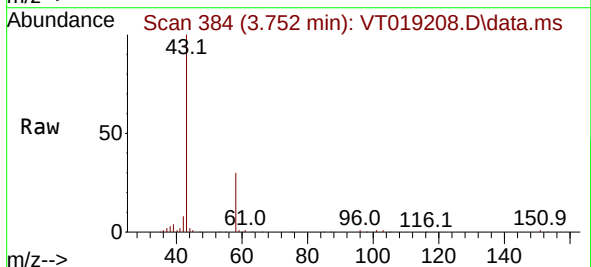
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

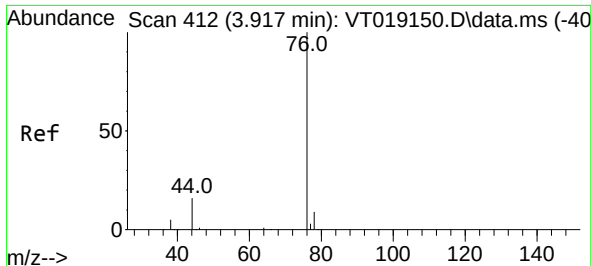
Tgt Ion: 53 Resp: 332051
Ion Ratio Lower Upper
53 100
52 83.3 65.9 98.9
51 36.1 29.4 44.2



#16
Acetone
Concen: 244.511 ug/l
RT: 3.752 min Scan# 384
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 43 Resp: 373259
Ion Ratio Lower Upper
43 100
58 30.2 23.8 35.8

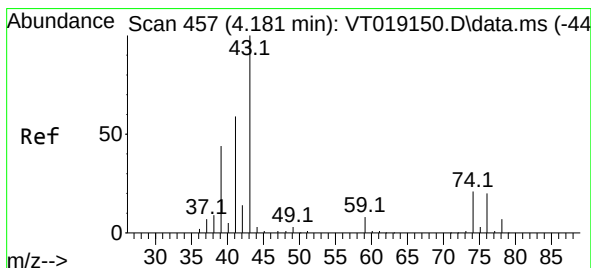
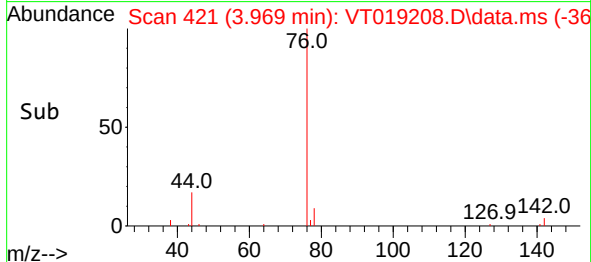
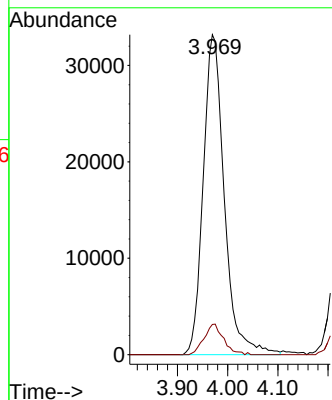
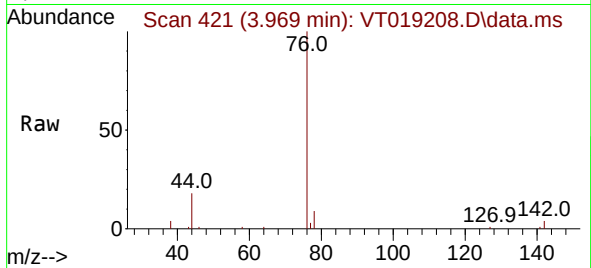




#17
Carbon Disulfide
Concen: 46.491 ug/l
RT: 3.969 min Scan# 412
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

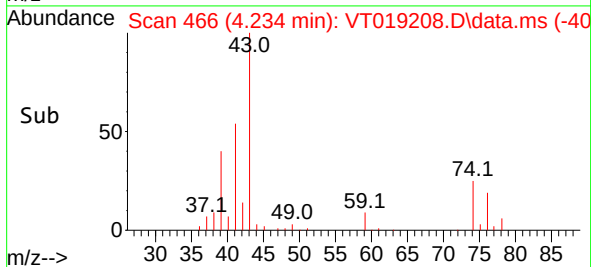
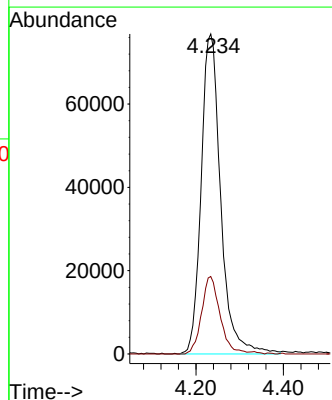
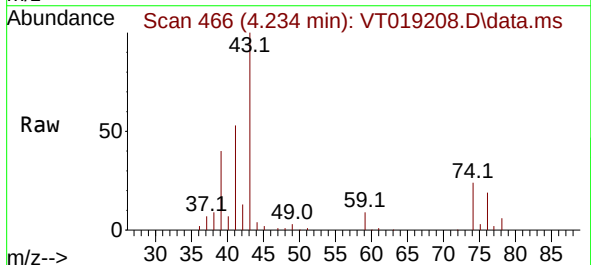
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

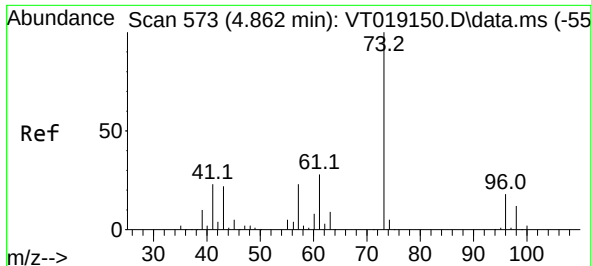
Tgt Ion: 76 Resp: 96955
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 53.038 ug/l
RT: 4.234 min Scan# 466
Delta R.T. 0.041 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 43 Resp: 239044
Ion Ratio Lower Upper
43 100
74 22.8 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 48.653 ug/l

RT: 4.921 min Scan# 501

Delta R.T. 0.053 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

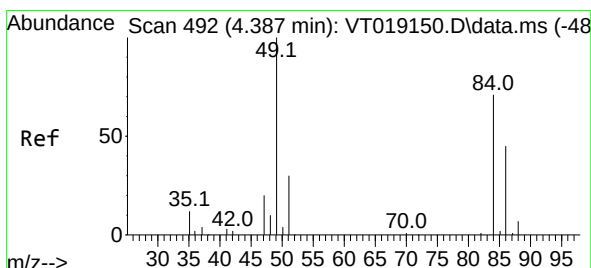
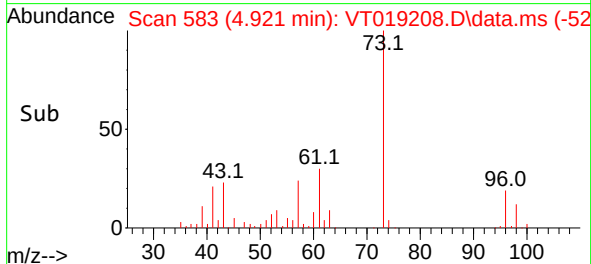
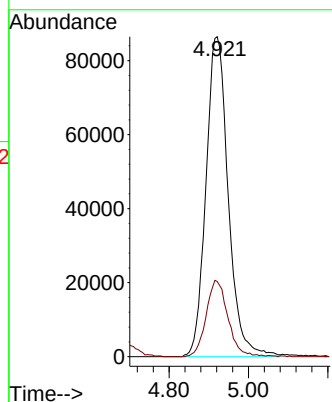
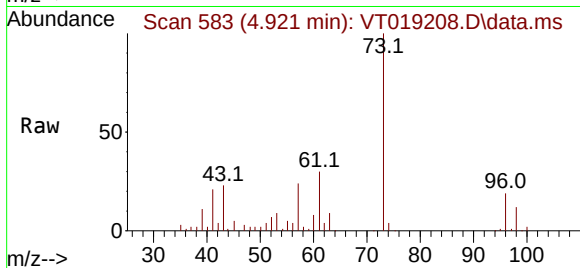
VSTDCCC050

Tgt Ion: 73 Resp: 337188

Ion Ratio Lower Upper

73 100

57 23.5 18.8 28.2



#20

Methylene Chloride

Concen: 46.181 ug/l

RT: 4.439 min Scan# 501

Delta R.T. 0.041 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Tgt Ion: 84 Resp: 79079

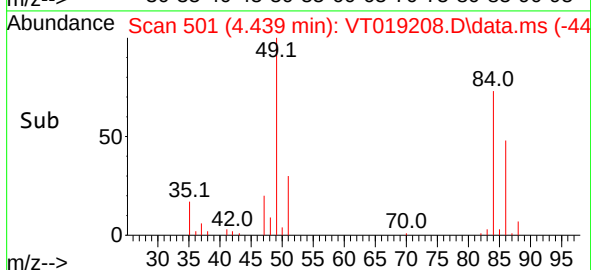
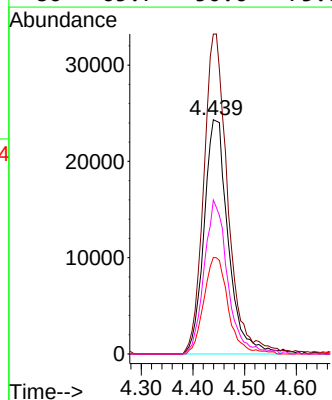
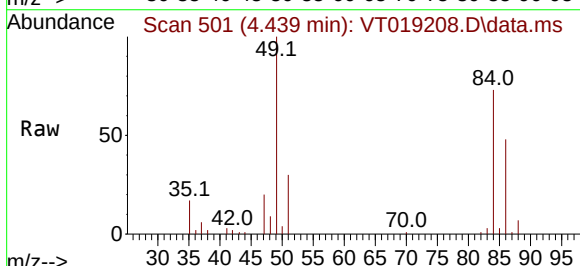
Ion Ratio Lower Upper

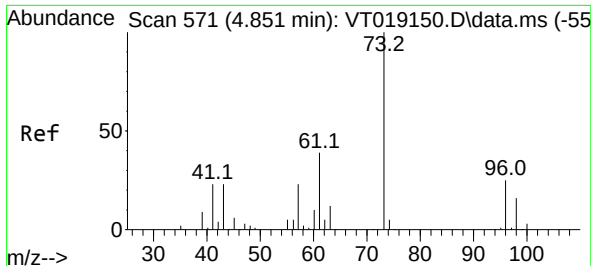
84 100

49 136.5 113.1 169.7

51 41.2 33.6 50.4

86 65.7 50.6 75.8

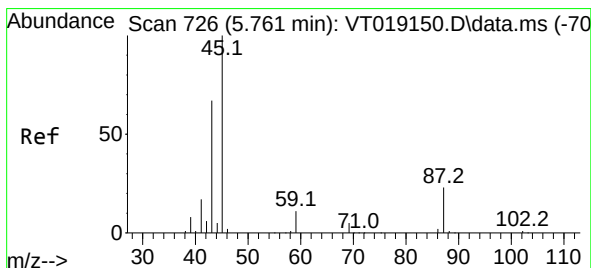
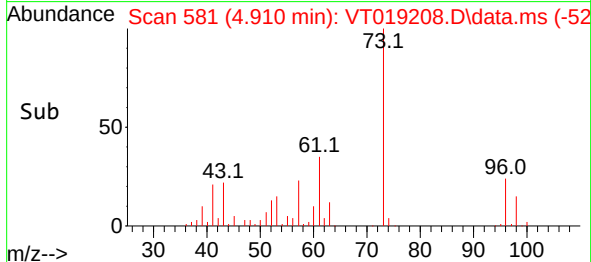
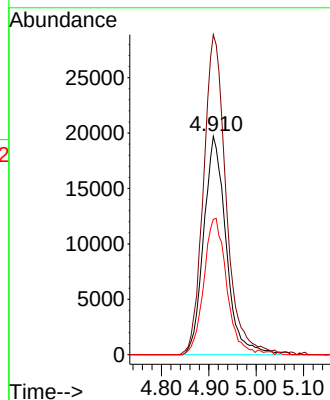
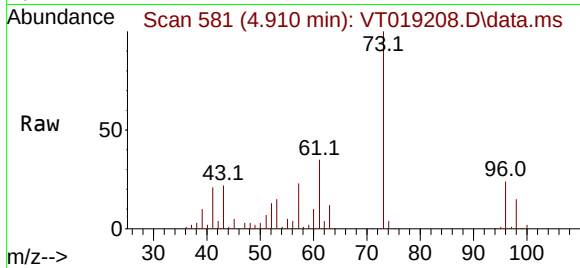




#21
trans-1,2-Dichloroethene
Concen: 49.568 ug/l
RT: 4.910 min Scan# 51
Delta R.T. 0.048 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

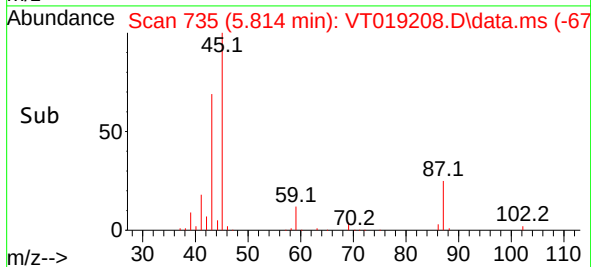
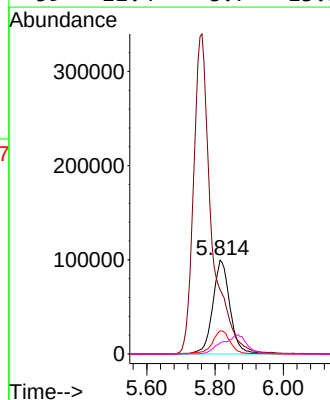
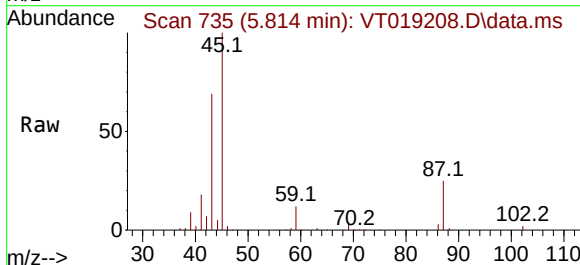
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

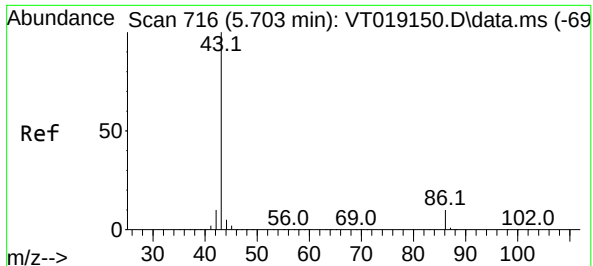
Tgt Ion: 96 Resp: 64769
Ion Ratio Lower Upper
96 100
61 146.6 124.6 187.0
98 62.0 50.9 76.3



#22
Diisopropyl ether
Concen: 48.559 ug/l
RT: 5.814 min Scan# 735
Delta R.T. 0.041 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 45 Resp: 348843
Ion Ratio Lower Upper
45 100
43 67.5 54.2 81.4
87 24.6 18.9 28.3
59 11.4 8.7 13.1





#23

Vinyl Acetate

Concen: 242.026 ug/l

RT: 5.761 min Scan# 716

Delta R.T. 0.052 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

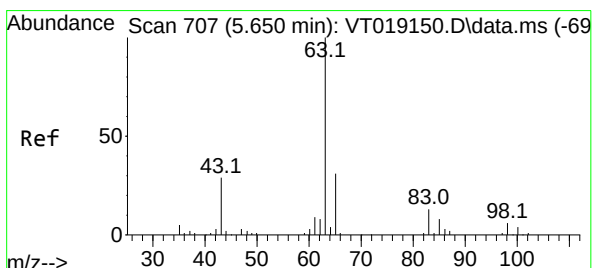
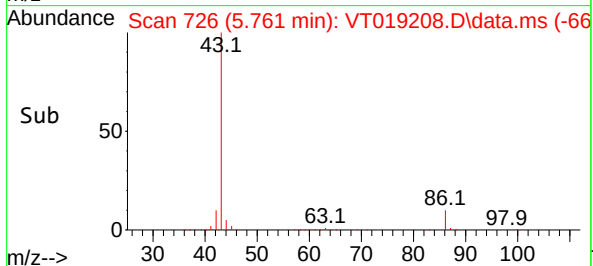
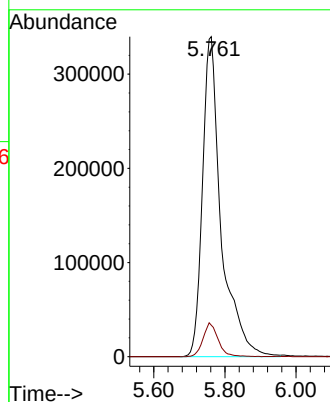
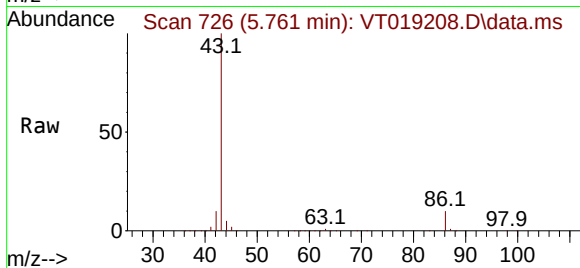
VSTDCCC050

Tgt Ion: 43 Resp: 1242158

Ion Ratio Lower Upper

43 100

86 9.9 7.8 11.6



#24

1,1-Dichloroethane

Concen: 48.807 ug/l

RT: 5.709 min Scan# 717

Delta R.T. 0.047 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

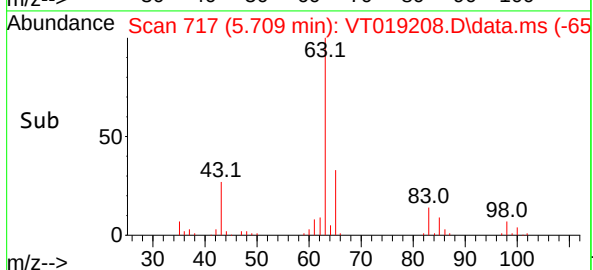
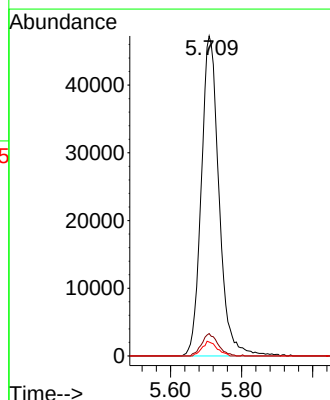
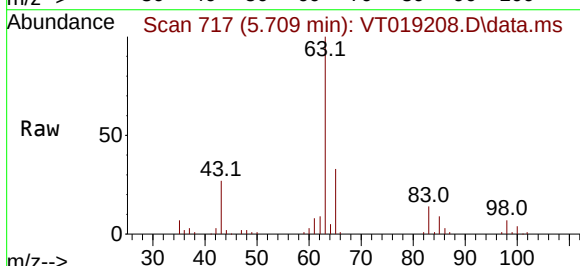
Tgt Ion: 63 Resp: 164025

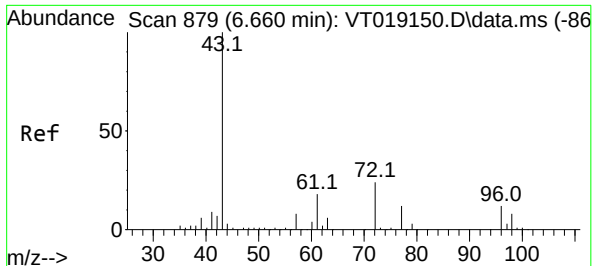
Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

100 4.3 2.0 6.0

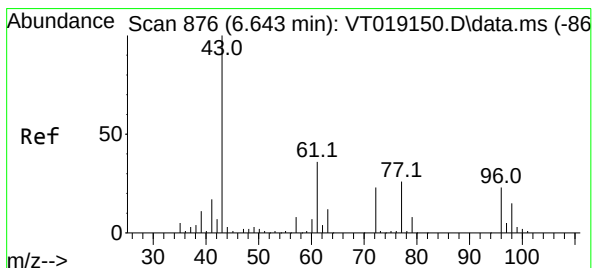
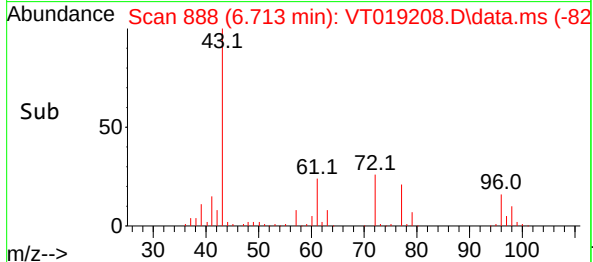
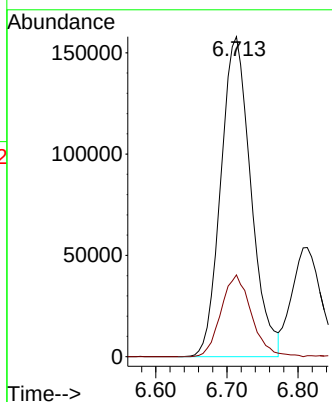
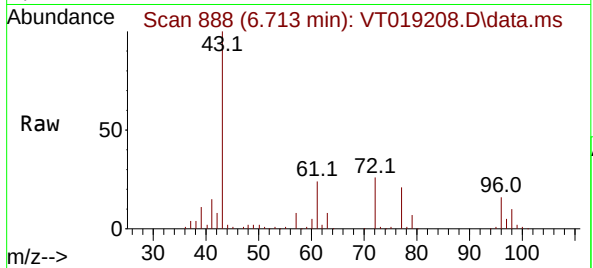




#25
2-Butanone
Concen: 237.094 ug/l
RT: 6.713 min Scan# 888
Delta R.T. 0.047 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

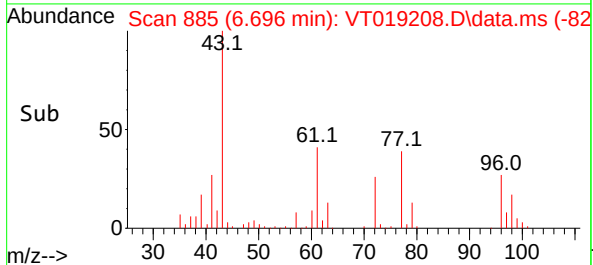
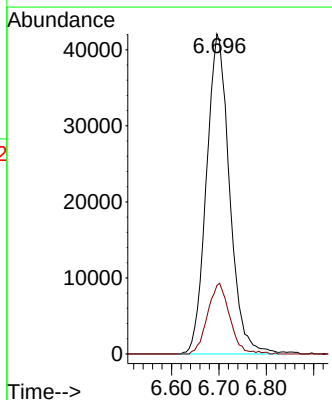
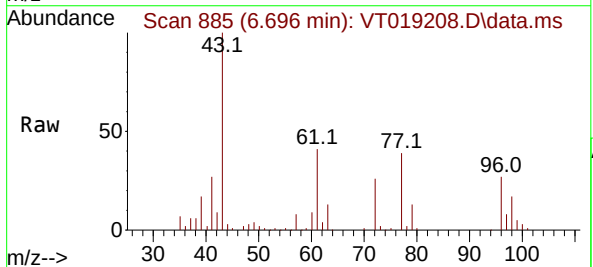
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

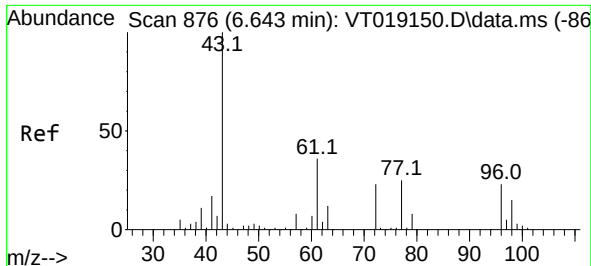
Tgt Ion: 43 Resp: 464475
Ion Ratio Lower Upper
43 100
72 25.5 19.0 28.6



#26
2,2-Dichloropropane
Concen: 49.051 ug/l
RT: 6.696 min Scan# 885
Delta R.T. 0.041 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 77 Resp: 142243
Ion Ratio Lower Upper
77 100
97 21.2 10.7 32.1

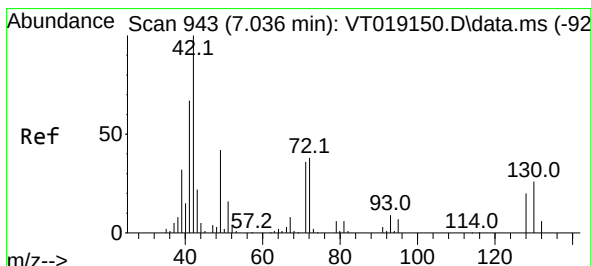
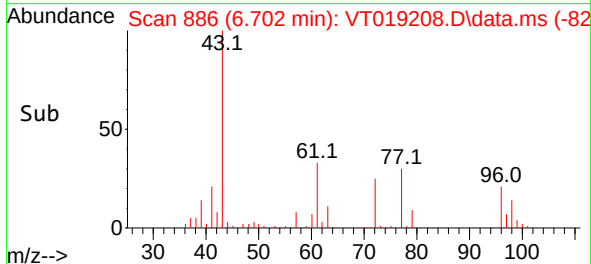
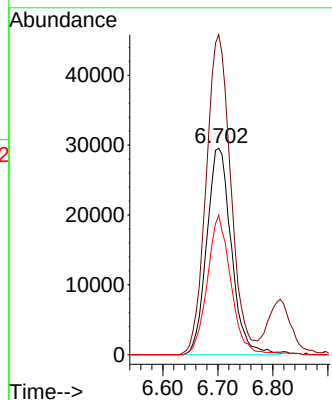
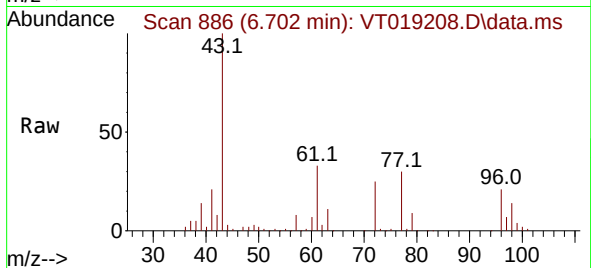




#27
 cis-1,2-Dichloroethene
 Concen: 50.035 ug/l
 RT: 6.702 min Scan# 81
 Delta R.T. 0.047 min
 Lab File: VT019208.D
 Acq: 30 Oct 2025 10:20

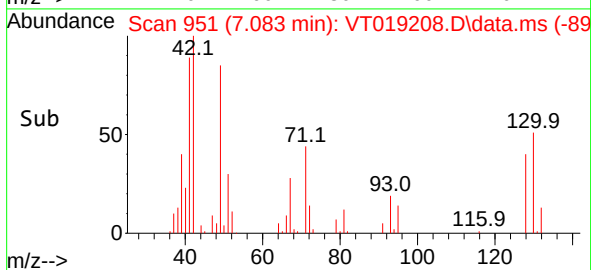
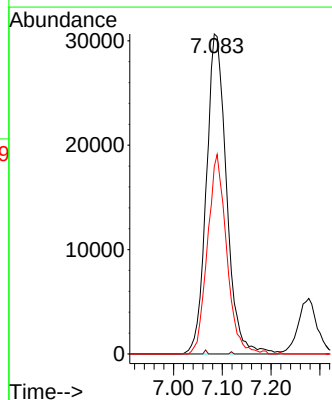
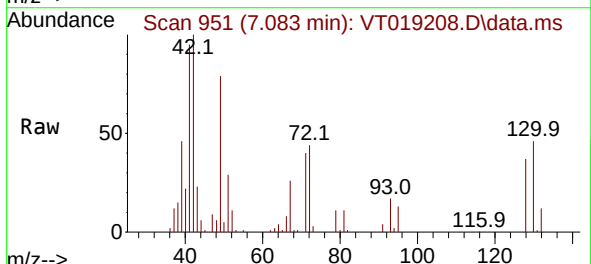
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

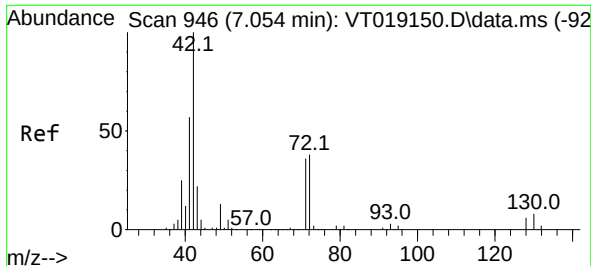
Tgt Ion: 96 Resp: 91747
 Ion Ratio Lower Upper
 96 100
 61 155.7 0.0 309.0
 98 64.9 0.0 128.4



#28
 Bromochloromethane
 Concen: 49.108 ug/l
 RT: 7.083 min Scan# 951
 Delta R.T. 0.041 min
 Lab File: VT019208.D
 Acq: 30 Oct 2025 10:20

Tgt Ion: 49 Resp: 88201
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 0.0
 130 59.0 48.6 73.0





#29

Tetrahydrofuran

Concen: 251.974 ug/l

RT: 7.107 min Scan# 91

Delta R.T. 0.041 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

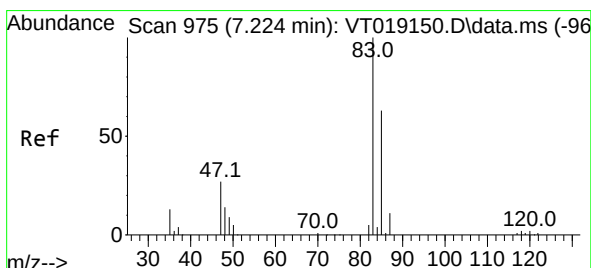
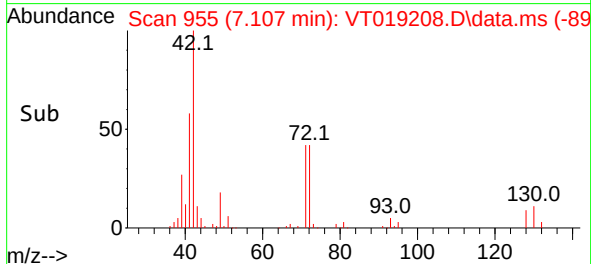
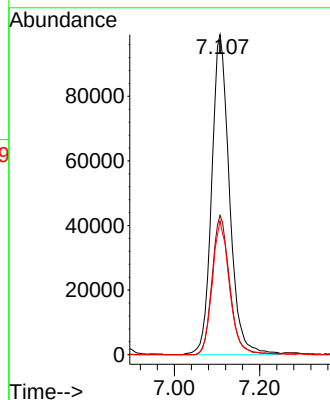
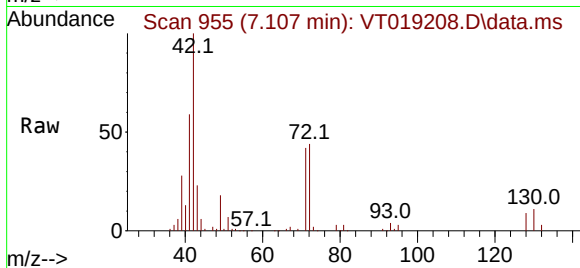
Tgt Ion: 42 Resp: 287206

Ion Ratio Lower Upper

42 100

72 42.9 30.1 45.1

71 40.7 28.4 42.6



#30

Chloroform

Concen: 49.032 ug/l

RT: 7.277 min Scan# 984

Delta R.T. 0.047 min

Lab File: VT019208.D

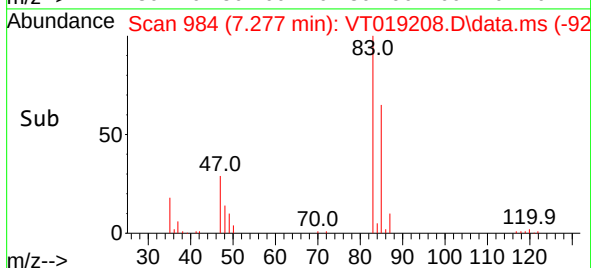
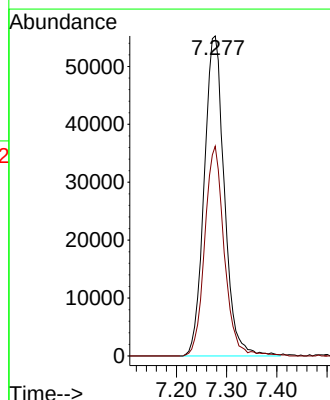
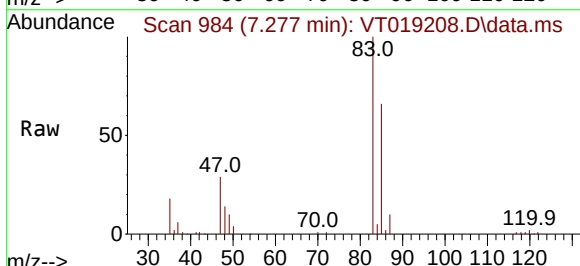
Acq: 30 Oct 2025 10:20

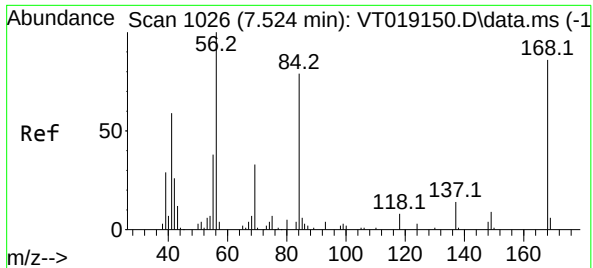
Tgt Ion: 83 Resp: 154273

Ion Ratio Lower Upper

83 100

85 65.5 50.6 76.0

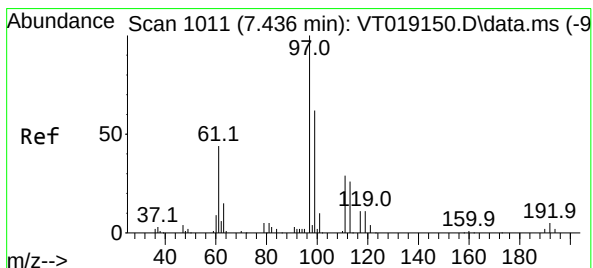
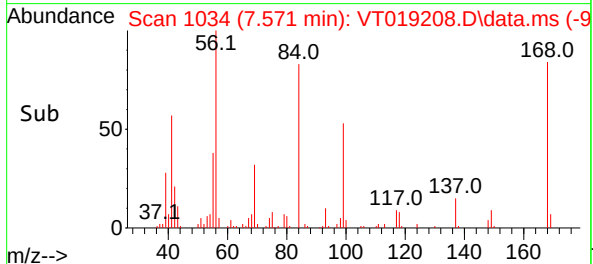
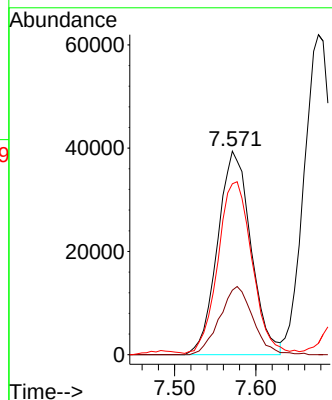
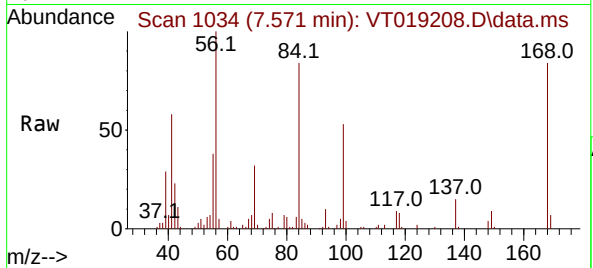




#31
Cyclohexane
Concen: 44.999 ug/l
RT: 7.571 min Scan# 1034
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

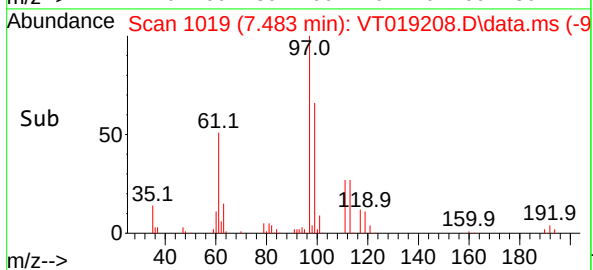
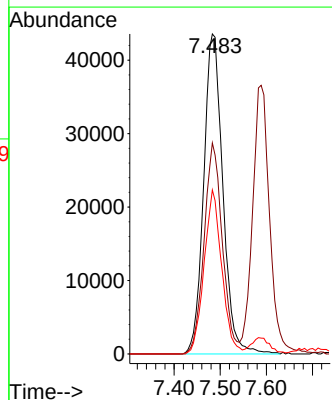
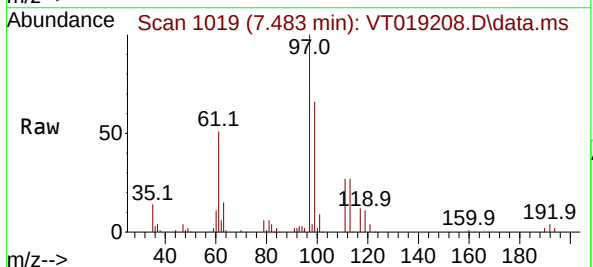
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

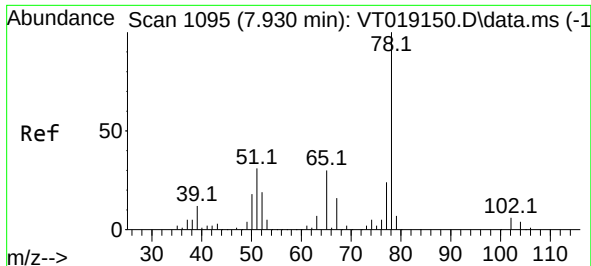
Tgt Ion: 56 Resp: 112453
Ion Ratio Lower Upper
56 100
69 31.7 26.1 39.1
84 82.9 63.6 95.4



#32
1,1,1-Trichloroethane
Concen: 50.472 ug/l
RT: 7.483 min Scan# 1019
Delta R.T. 0.041 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 97 Resp: 126409
Ion Ratio Lower Upper
97 100
99 62.8 50.5 75.7
61 47.2 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 46.180 ug/l

RT: 7.977 min Scan# 1103

Delta R.T. 0.042 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

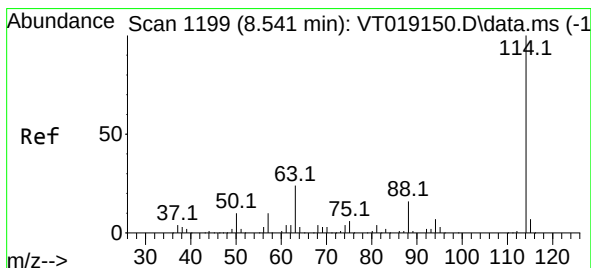
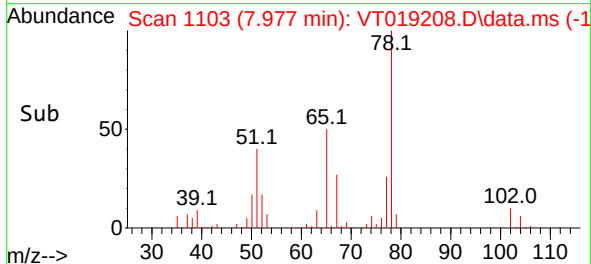
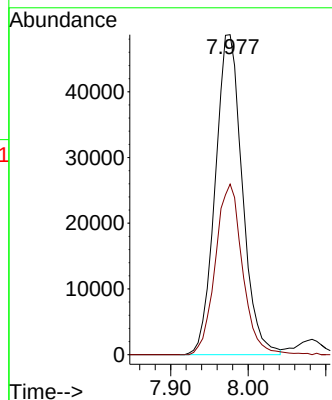
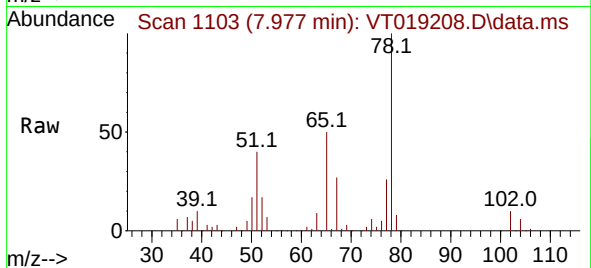
VSTDCCC050

Tgt Ion: 65 Resp: 118279

Ion Ratio Lower Upper

65 100

67 53.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.582 min Scan# 1206

Delta R.T. 0.035 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

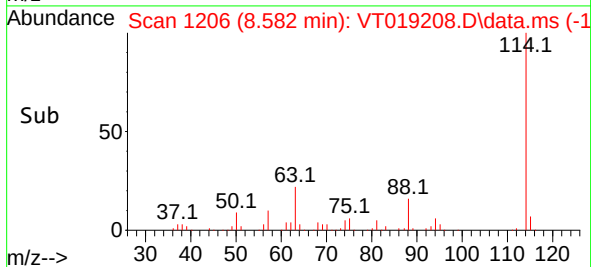
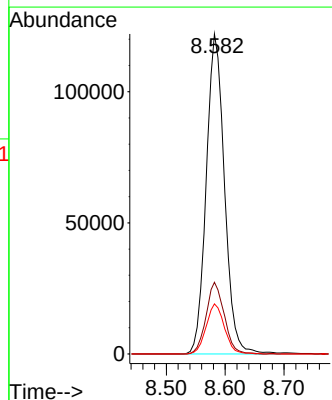
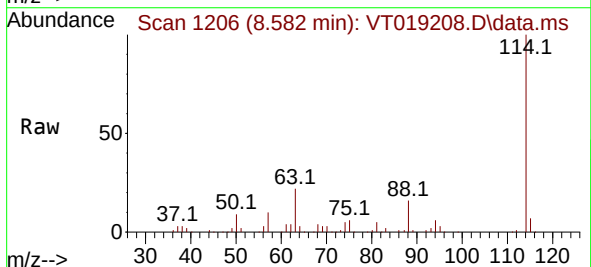
Tgt Ion: 114 Resp: 262470

Ion Ratio Lower Upper

114 100

63 22.4 0.0 47.2

88 15.7 0.0 32.6

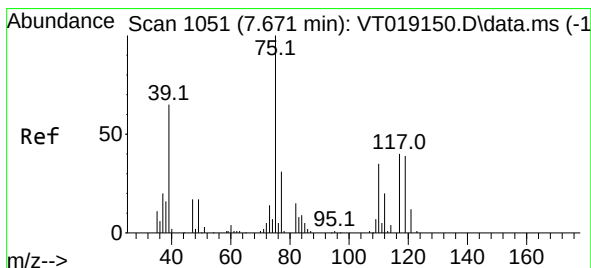
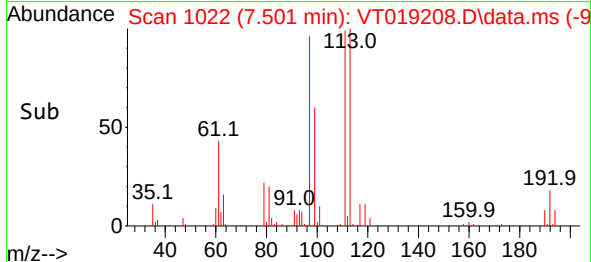
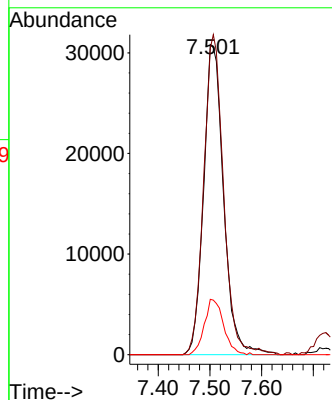
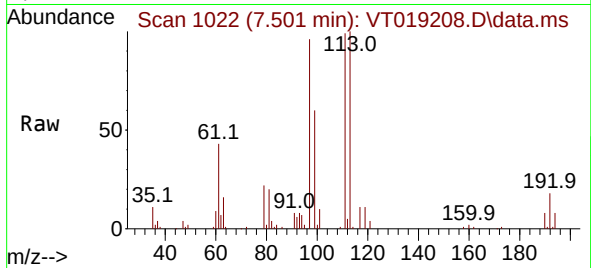




#35
 Dibromofluoromethane
 Concen: 49.821 ug/l
 RT: 7.501 min Scan# 1060
 Delta R.T. 0.036 min
 Lab File: VT019208.D
 Acq: 30 Oct 2025 10:20

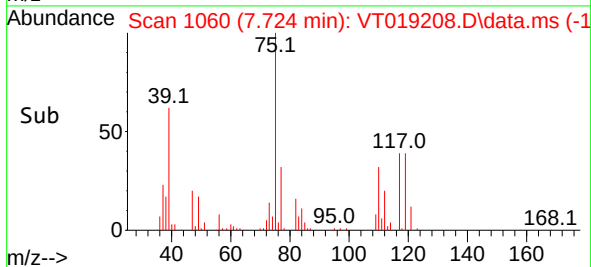
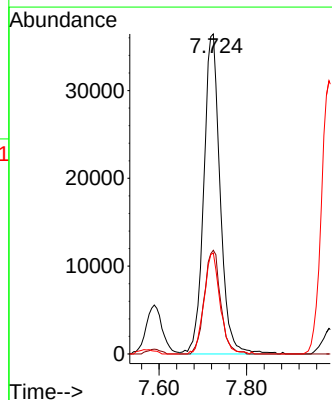
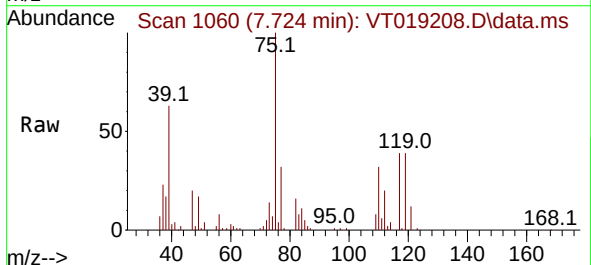
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

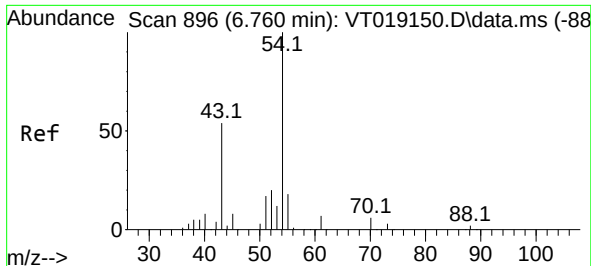
Tgt Ion:113 Resp: 82705
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.6 122.4
 192 17.1 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 50.910 ug/l
 RT: 7.724 min Scan# 1060
 Delta R.T. 0.041 min
 Lab File: VT019208.D
 Acq: 30 Oct 2025 10:20

Tgt Ion: 75 Resp: 95061
 Ion Ratio Lower Upper
 75 100
 110 32.3 16.1 48.2
 77 30.9 25.1 37.7





#37

Ethyl Acetate

Concen: 50.231 ug/l

RT: 6.813 min Scan# 90

Delta R.T. 0.047 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

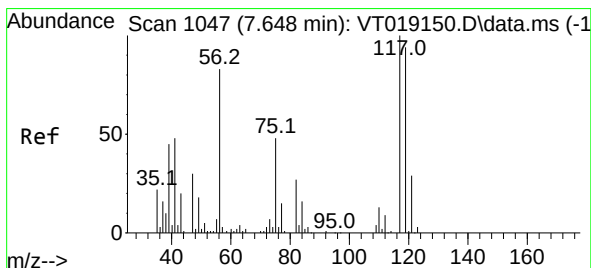
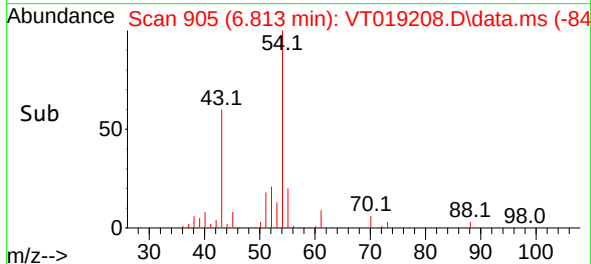
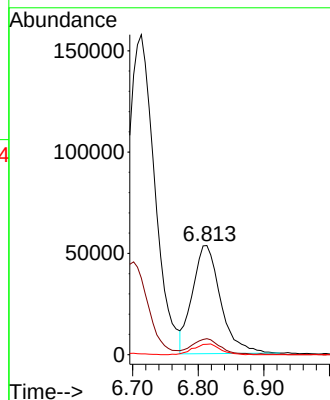
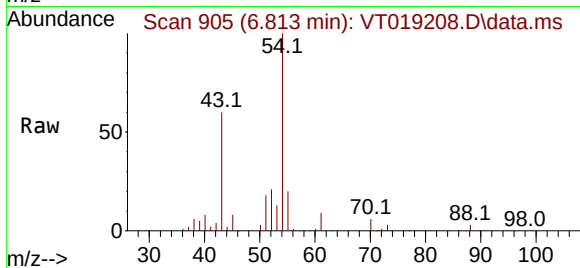
Tgt Ion: 43 Resp: 159667

Ion Ratio Lower Upper

43 100

61 13.8 10.0 15.0

70 9.4 7.3 10.9



#38

Carbon Tetrachloride

Concen: 53.549 ug/l

RT: 7.700 min Scan# 1056

Delta R.T. 0.041 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

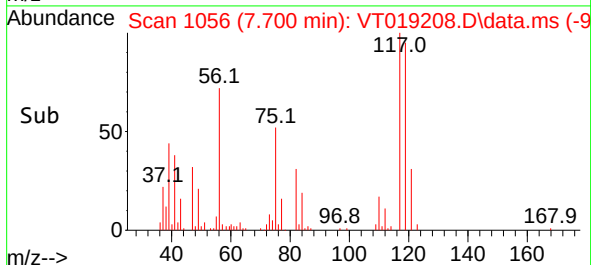
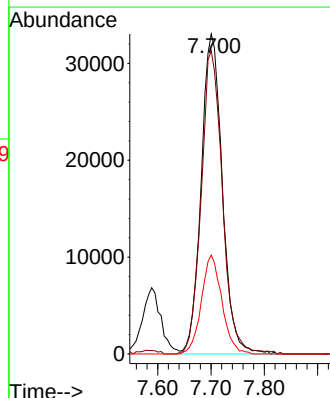
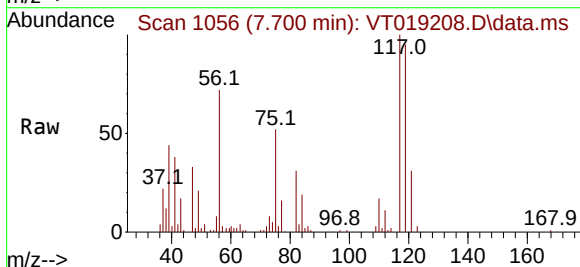
Tgt Ion: 117 Resp: 90915

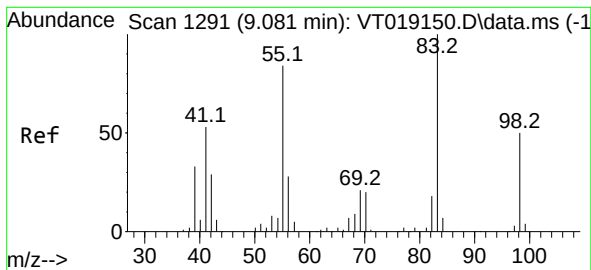
Ion Ratio Lower Upper

117 100

119 94.2 75.0 112.6

121 30.9 23.3 34.9





#39

Methylcyclohexane

Concen: 50.662 ug/l

RT: 9.128 min Scan# 1105

Delta R.T. 0.035 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

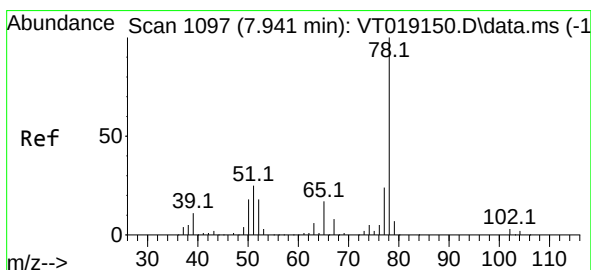
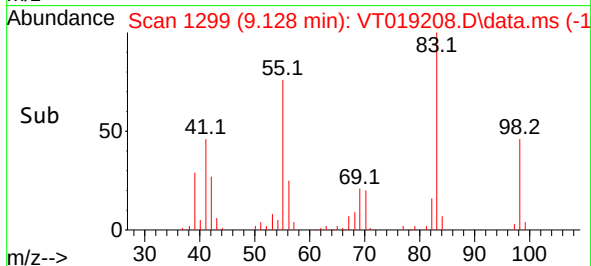
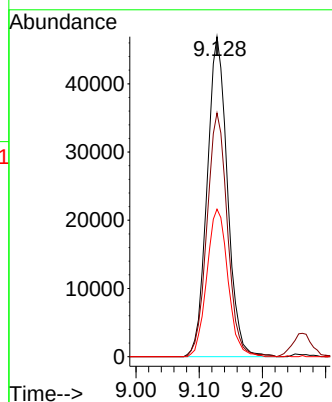
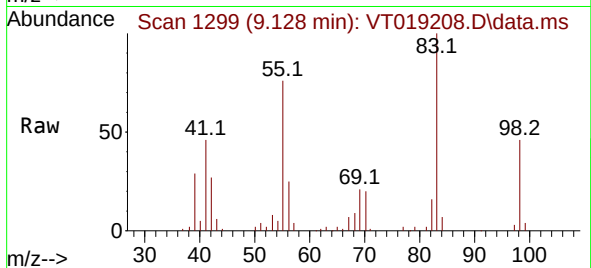
Tgt Ion: 83 Resp: 104524

Ion Ratio Lower Upper

83 100

55 76.2 67.5 101.3

98 46.1 39.9 59.9



#40

Benzene

Concen: 50.111 ug/l

RT: 7.988 min Scan# 1105

Delta R.T. 0.041 min

Lab File: VT019208.D

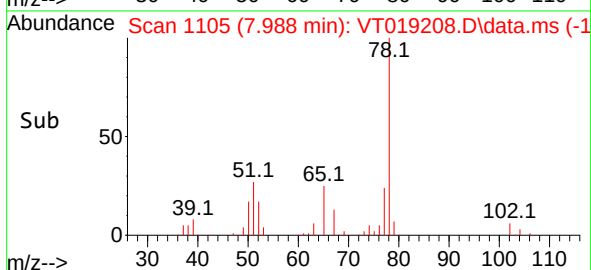
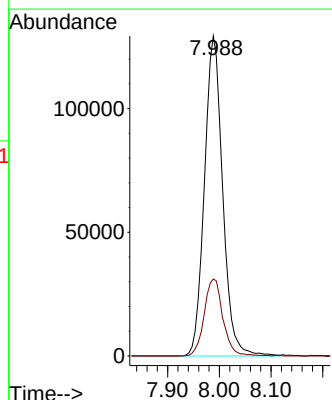
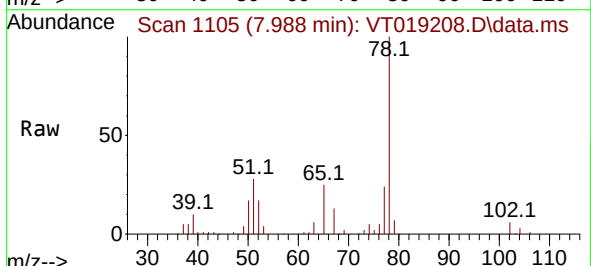
Acq: 30 Oct 2025 10:20

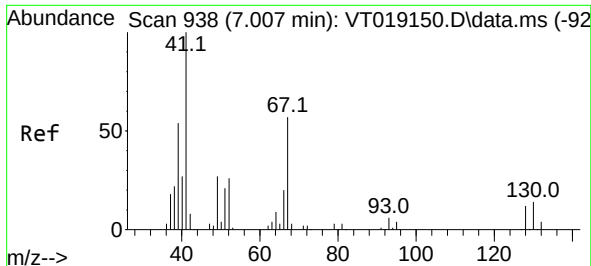
Tgt Ion: 78 Resp: 316745

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

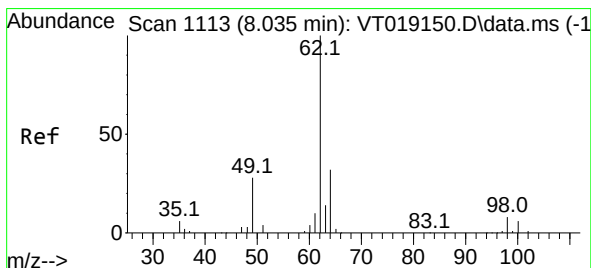
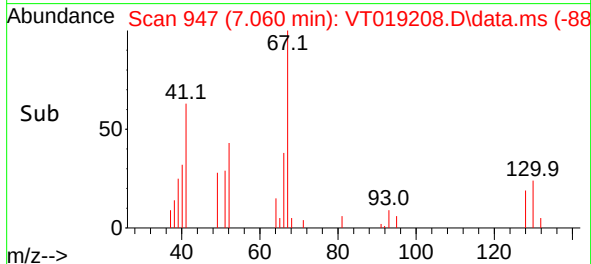
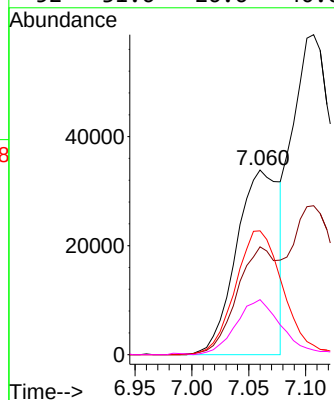
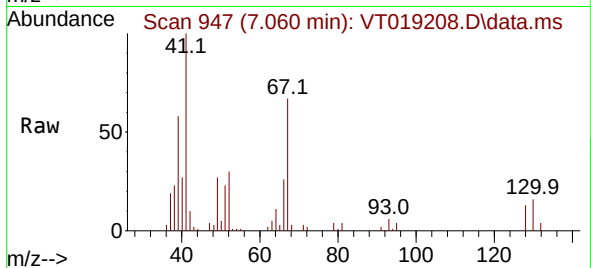




#41
Methacrylonitrile
Concen: 55.842 ug/l
RT: 7.060 min Scan# 947
Delta R.T. 0.041 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

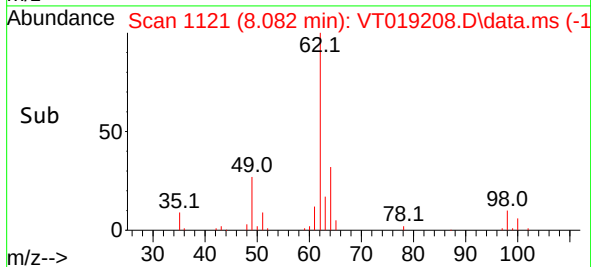
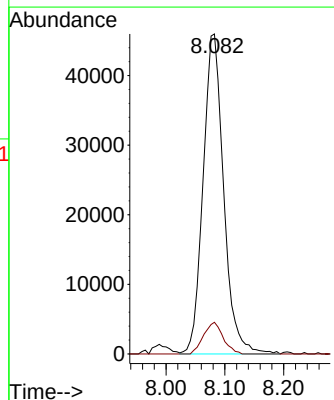
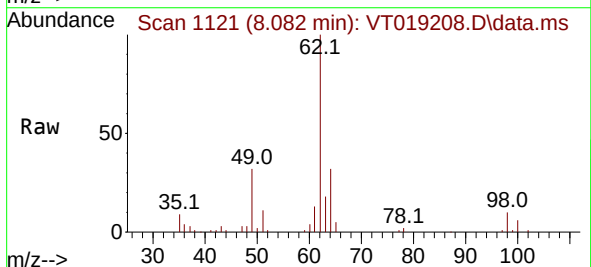
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

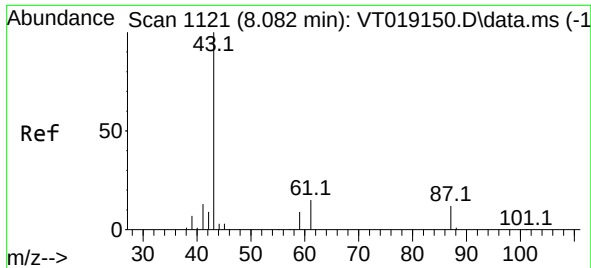
Tgt Ion:	41	Resp:	89301
Ion	Ratio	Lower	Upper
41	100		
39	49.5	49.8	74.6#
67	75.2	60.0	90.0
52	31.6	26.6	40.0



#42
1,2-Dichloroethane
Concen: 50.286 ug/l
RT: 8.082 min Scan# 1121
Delta R.T. 0.041 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion:	62	Resp:	111693
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 50.830 ug/l

RT: 8.123 min Scan# 1121

Delta R.T. 0.035 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

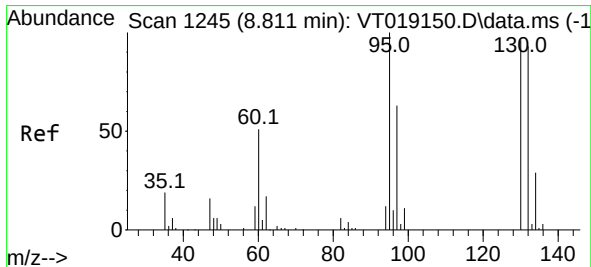
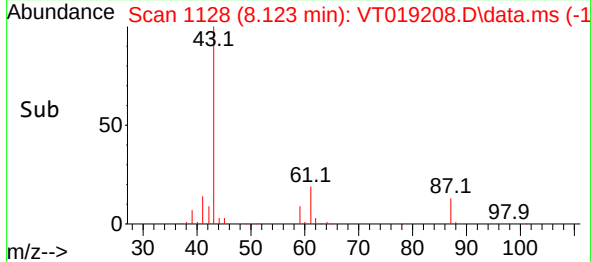
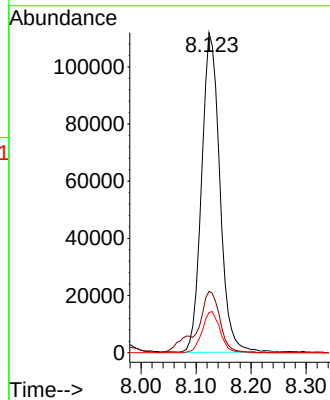
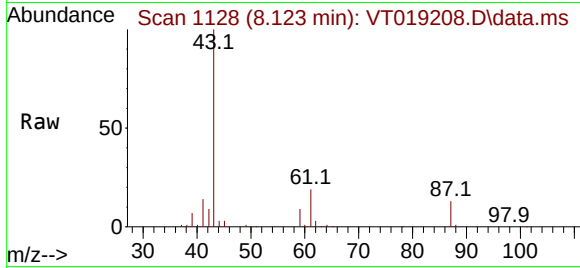
Tgt Ion: 43 Resp: 256922

Ion Ratio Lower Upper

43 100

61 24.3 14.8 22.2#

87 12.7 9.1 13.7



#44

Trichloroethene

Concen: 51.389 ug/l

RT: 8.858 min Scan# 1253

Delta R.T. 0.041 min

Lab File: VT019208.D

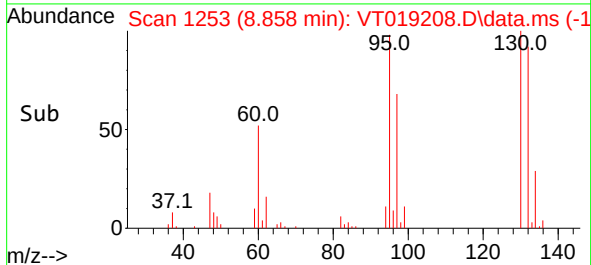
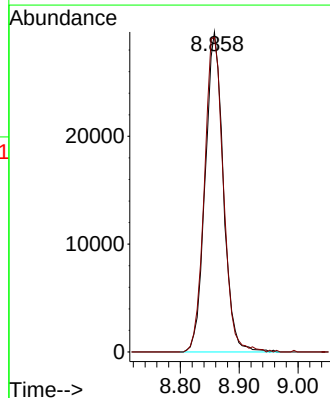
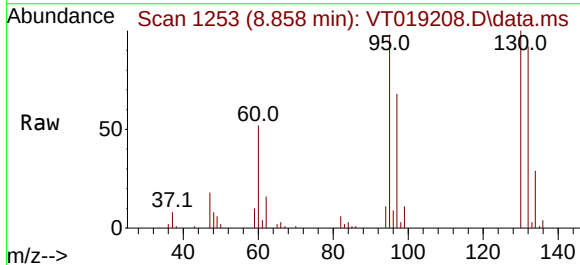
Acq: 30 Oct 2025 10:20

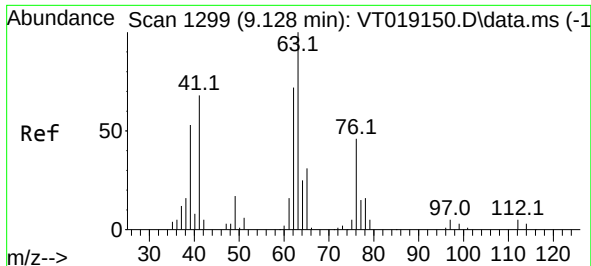
Tgt Ion:130 Resp: 63494

Ion Ratio Lower Upper

130 100

95 98.3 0.0 207.8

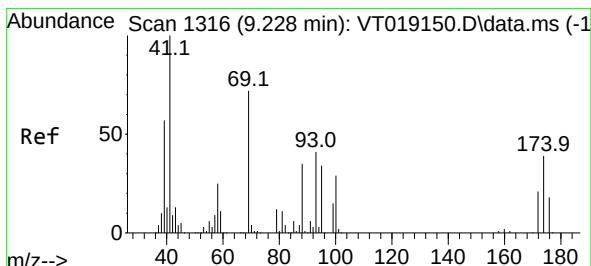
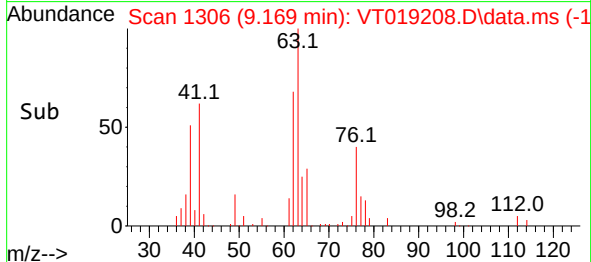
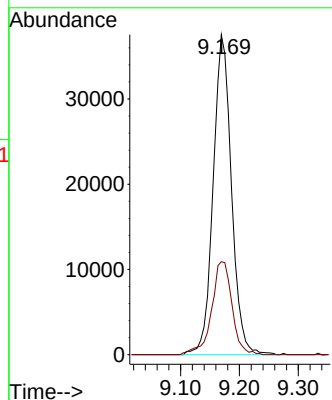
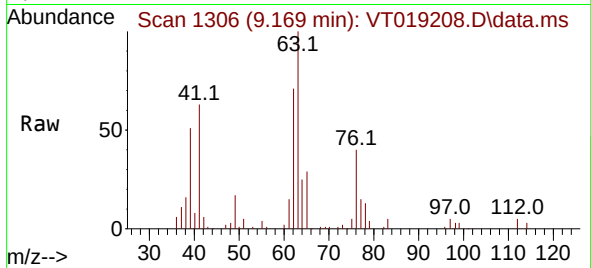




#45
1,2-Dichloropropane
Concen: 50.424 ug/l
RT: 9.169 min Scan# 11
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

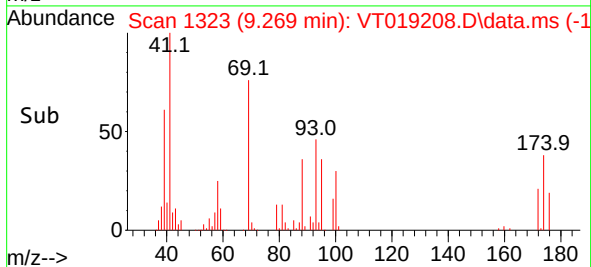
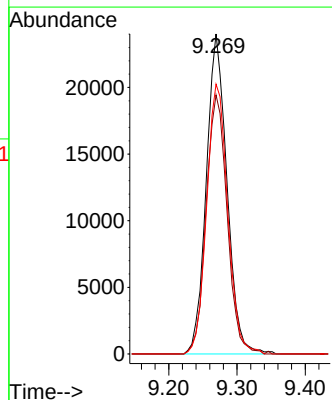
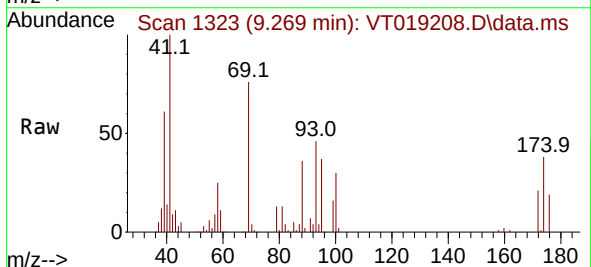
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

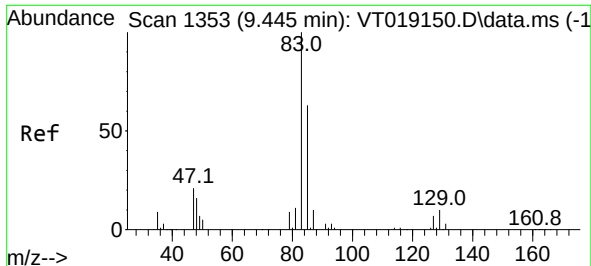
Tgt Ion: 63 Resp: 81095
Ion Ratio Lower Upper
63 100
65 29.0 24.6 36.8



#46
Dibromomethane
Concen: 52.168 ug/l
RT: 9.269 min Scan# 1323
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 93 Resp: 50495
Ion Ratio Lower Upper
93 100
95 82.5 66.4 99.6
174 86.3 77.3 115.9

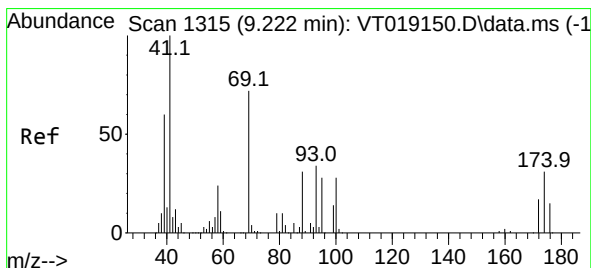
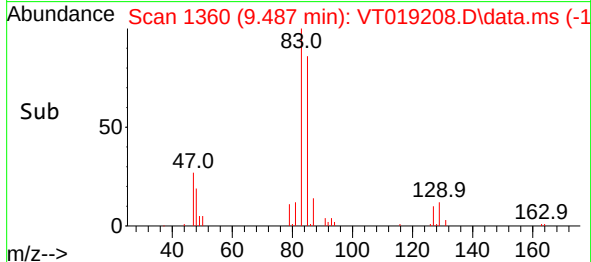
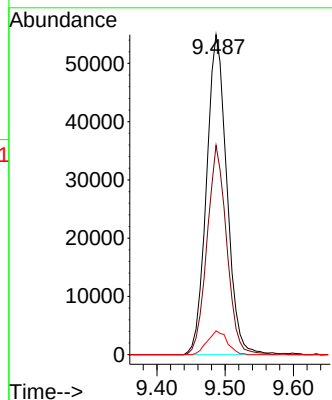
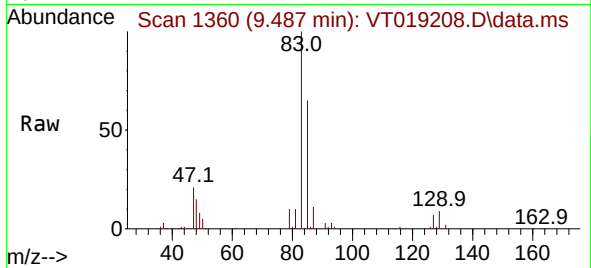




#47
Bromodichloromethane
Concen: 52.180 ug/l
RT: 9.487 min Scan# 11
Delta R.T. 0.036 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

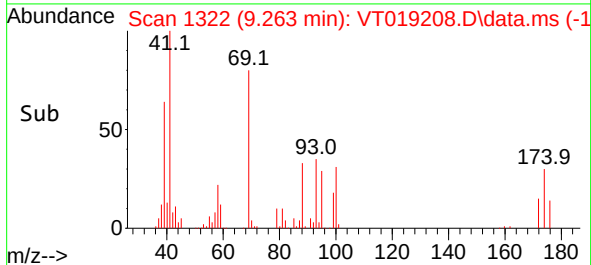
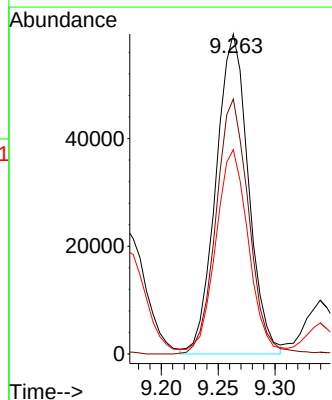
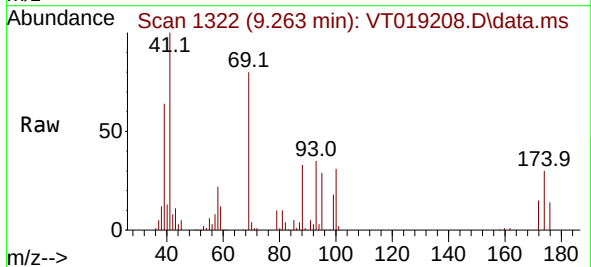
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

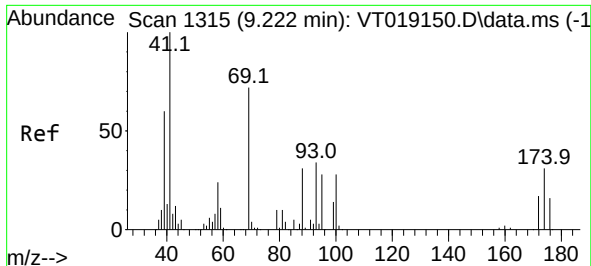
Tgt Ion: 83 Resp: 113867
Ion Ratio Lower Upper
83 100
85 65.4 50.4 75.6
127 7.4 6.0 9.0



#48
Methyl methacrylate
Concen: 52.115 ug/l
RT: 9.263 min Scan# 1322
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 41 Resp: 118317
Ion Ratio Lower Upper
41 100
69 80.1 56.9 85.3
39 64.4 48.0 72.0





#49

1,4-Dioxane

Concen: 1039.733 ug/l

RT: 9.263 min Scan# 1

Delta R.T. 0.035 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

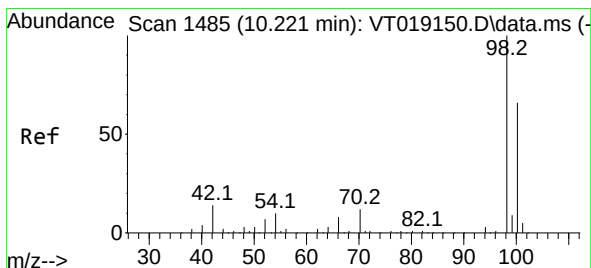
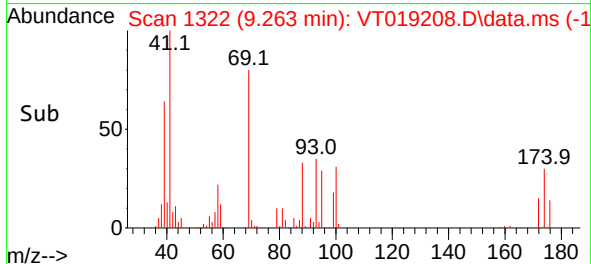
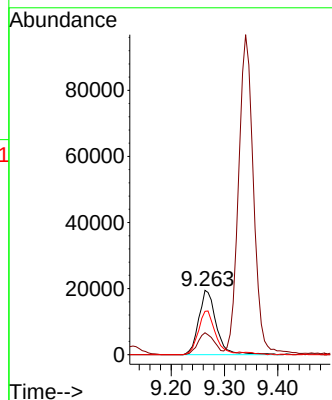
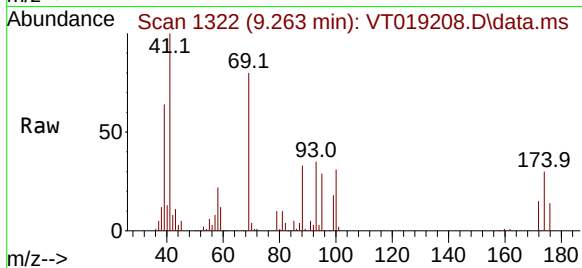
Tgt Ion: 88 Resp: 44336

Ion Ratio Lower Upper

88 100

43 32.6 30.0 45.0

58 65.9 57.2 85.8



#50

Toluene-d8

Concen: 49.762 ug/l

RT: 10.262 min Scan# 1492

Delta R.T. 0.035 min

Lab File: VT019208.D

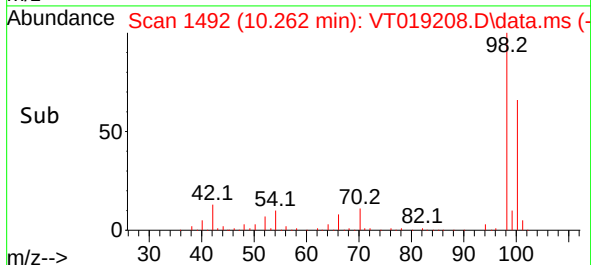
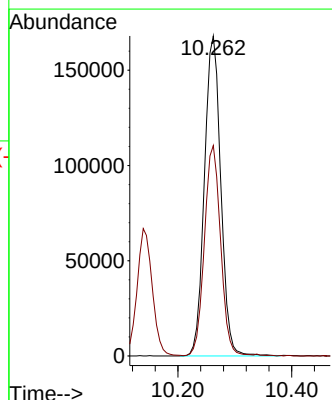
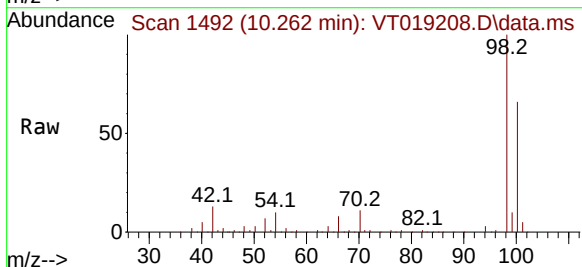
Acq: 30 Oct 2025 10:20

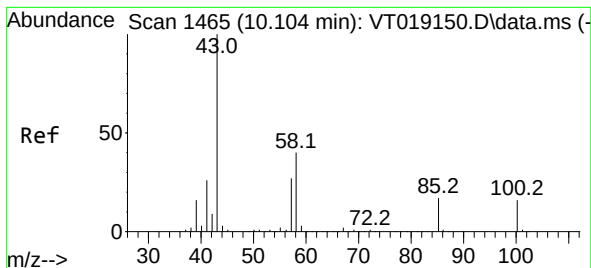
Tgt Ion: 98 Resp: 335463

Ion Ratio Lower Upper

98 100

100 64.6 53.5 80.3

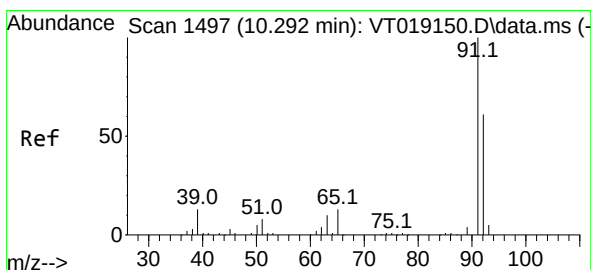
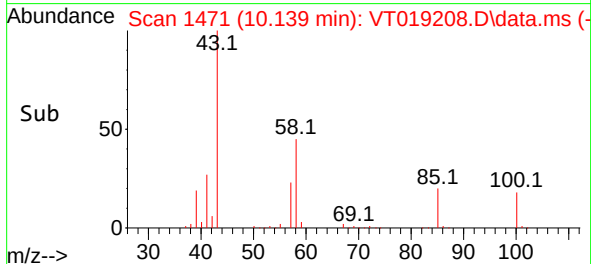
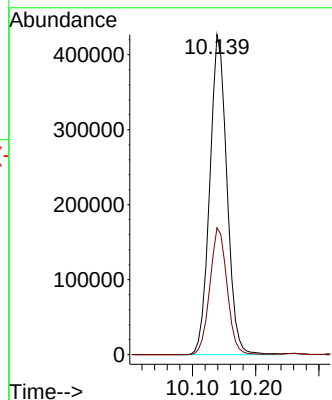
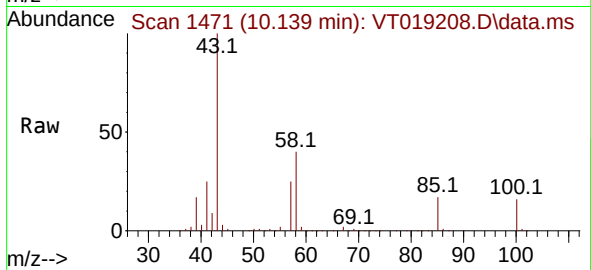




#51
4-Methyl-2-Pentanone
Concen: 264.347 ug/l
RT: 10.139 min Scan# 1465
Delta R.T. 0.030 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

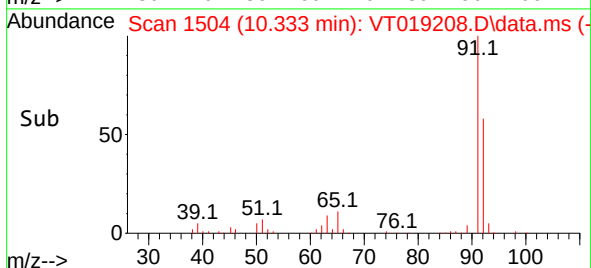
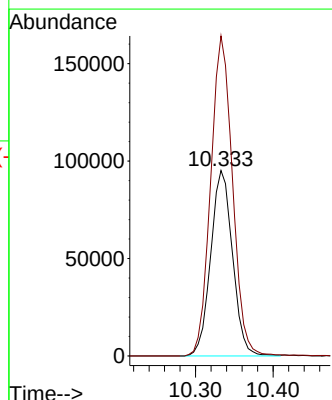
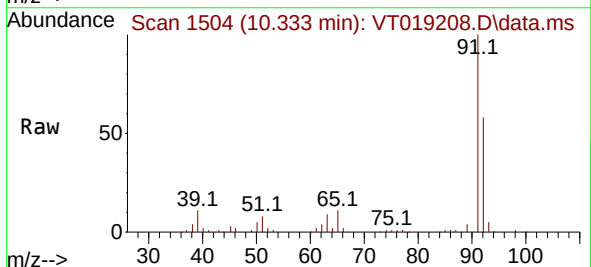
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

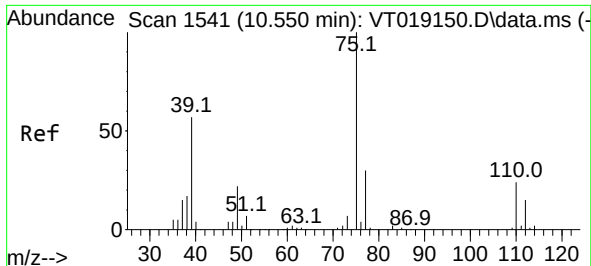
Tgt Ion: 43 Resp: 804706
Ion Ratio Lower Upper
43 100
58 39.8 30.5 45.7



#52
Toluene
Concen: 51.555 ug/l
RT: 10.333 min Scan# 1504
Delta R.T. 0.036 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 92 Resp: 186203
Ion Ratio Lower Upper
92 100
91 172.7 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 51.985 ug/l

RT: 10.591 min Scan# 11

Delta R.T. 0.035 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

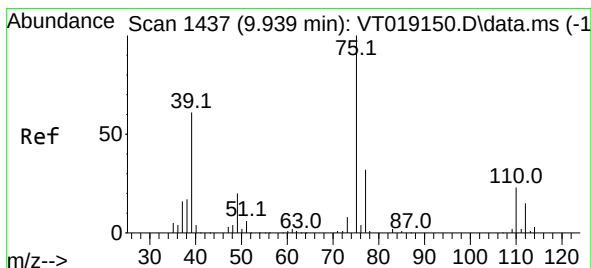
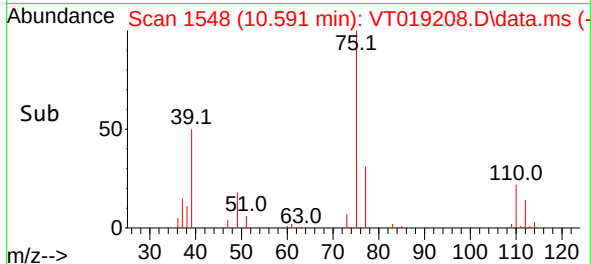
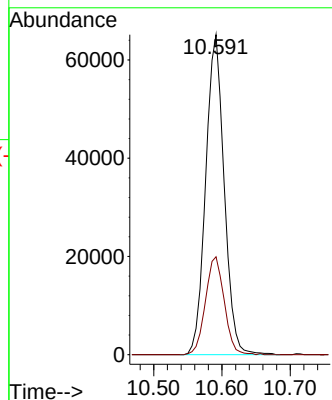
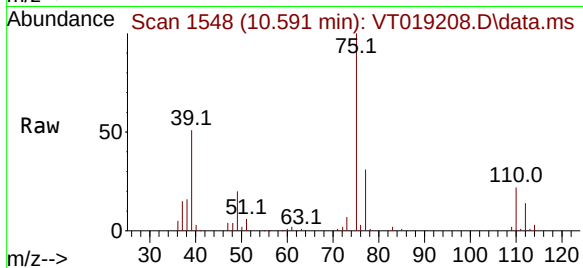
VSTDCCC050

Tgt Ion: 75 Resp: 122781

Ion Ratio Lower Upper

75 100

77 30.6 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 51.276 ug/l

RT: 9.980 min Scan# 1444

Delta R.T. 0.041 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

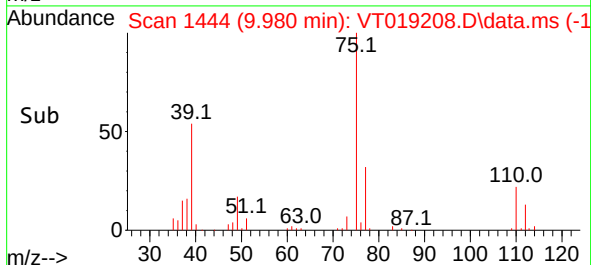
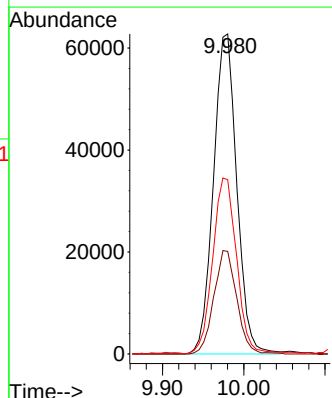
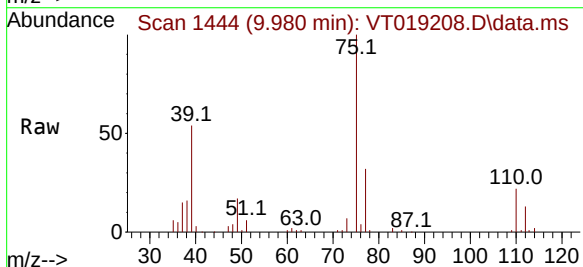
Tgt Ion: 75 Resp: 125409

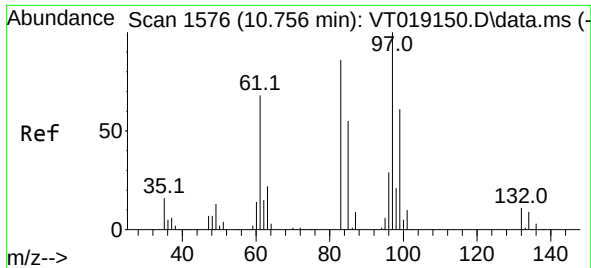
Ion Ratio Lower Upper

75 100

77 32.1 25.5 38.3

39 54.2 48.8 73.2



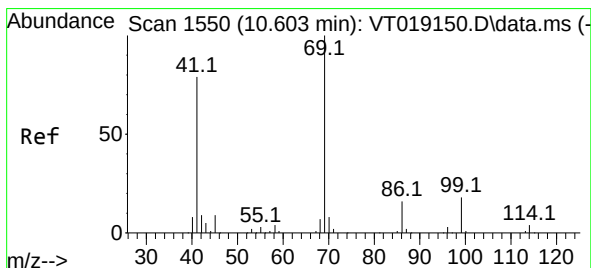
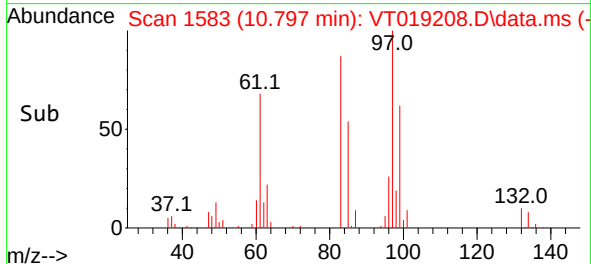
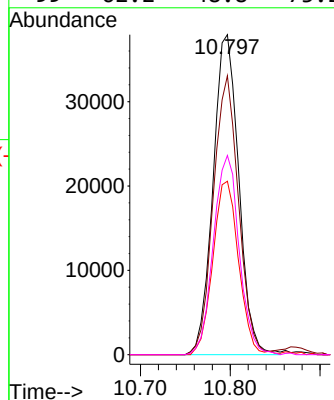
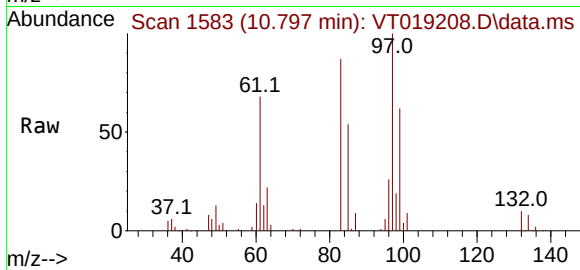


#55
1,1,2-Trichloroethane
Concen: 52.916 ug/l
RT: 10.797 min Scan# 1583
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 75380

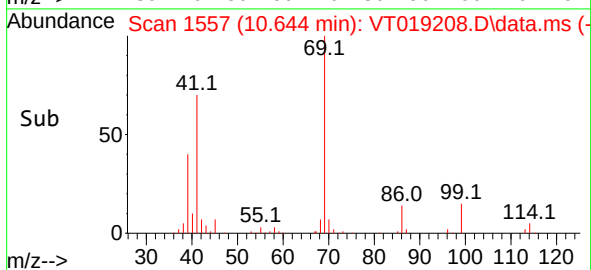
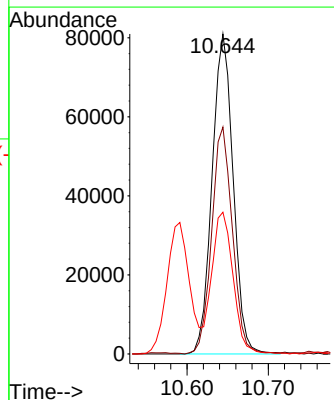
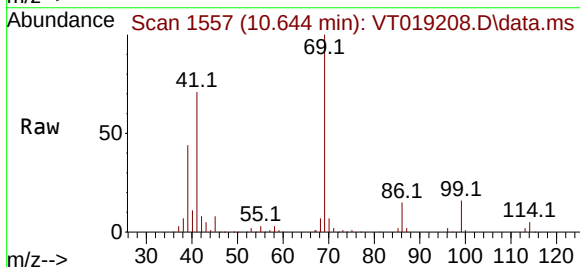
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.2	103.8
85	54.2	43.8	65.6
99	62.2	48.8	73.2

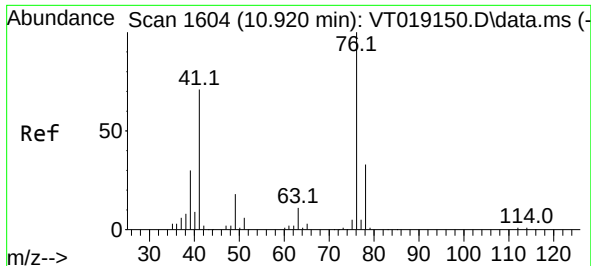


#56
Ethyl methacrylate
Concen: 53.295 ug/l
RT: 10.644 min Scan# 1557
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 69 Resp: 145897

Ion	Ratio	Lower	Upper
69	100		
41	69.8	62.6	93.8
39	45.6	37.2	55.8

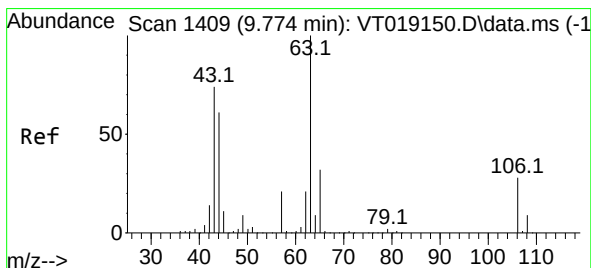
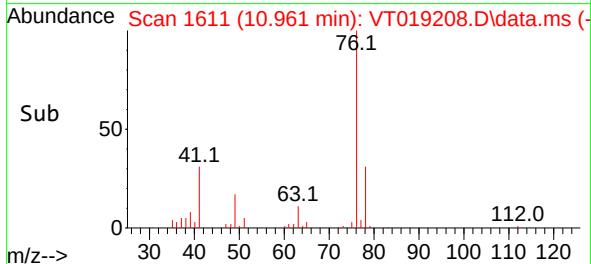
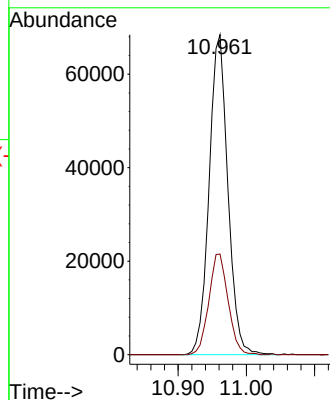
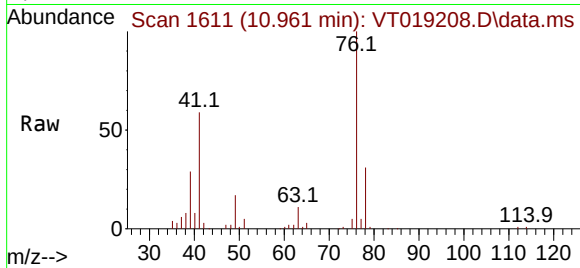




#57
1,3-Dichloropropane
Concen: 51.658 ug/l
RT: 10.961 min Scan# 10
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

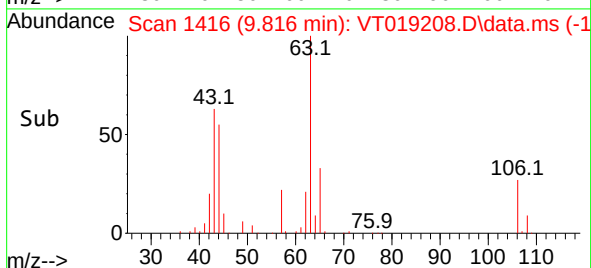
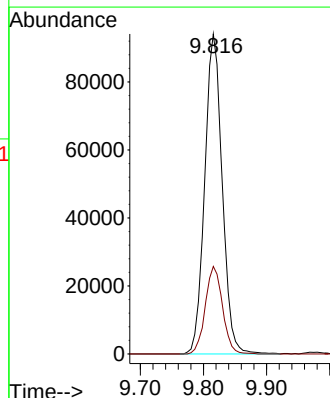
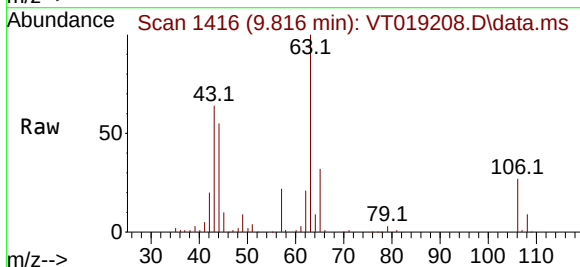
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

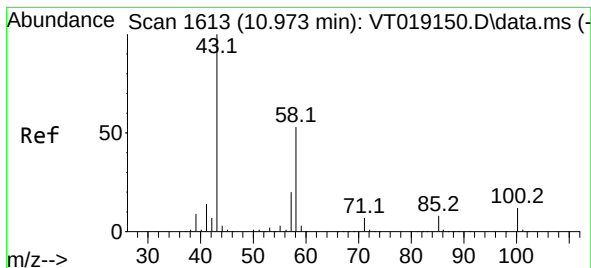
Tgt Ion: 76 Resp: 130602
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 245.667 ug/l
RT: 9.816 min Scan# 1416
Delta R.T. 0.036 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 63 Resp: 180992
Ion Ratio Lower Upper
63 100
106 26.9 22.4 33.6

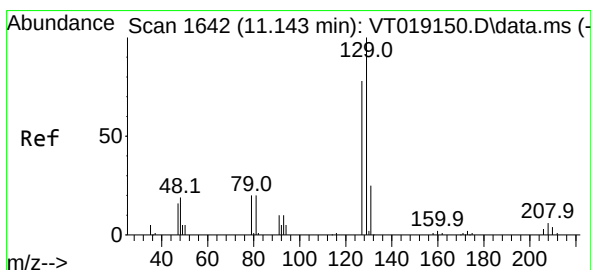
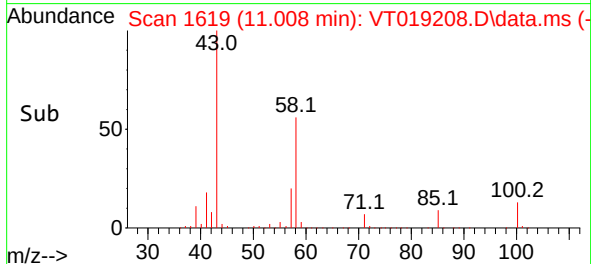
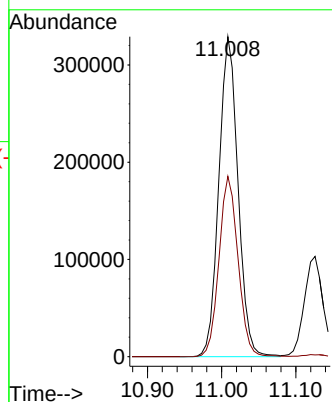
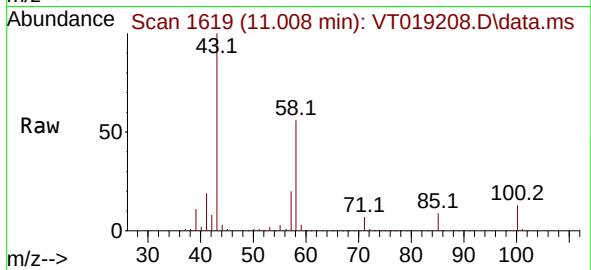




#59
2-Hexanone
Concen: 255.634 ug/l
RT: 11.008 min Scan# 1619
Delta R.T. 0.029 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

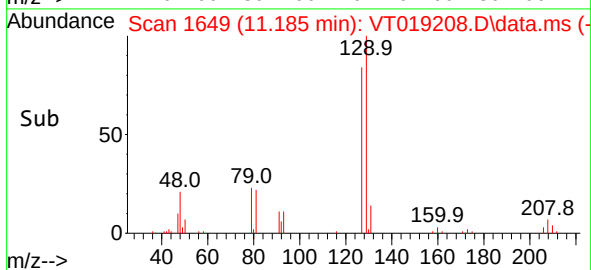
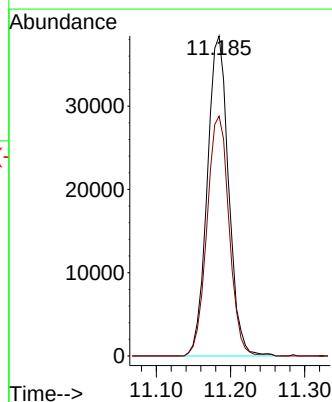
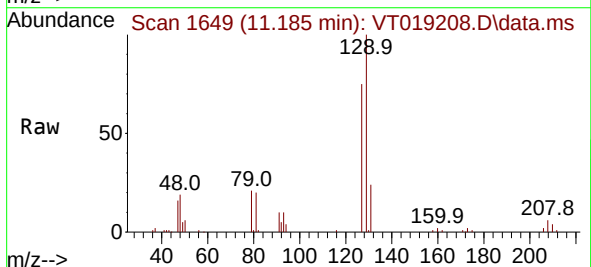
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

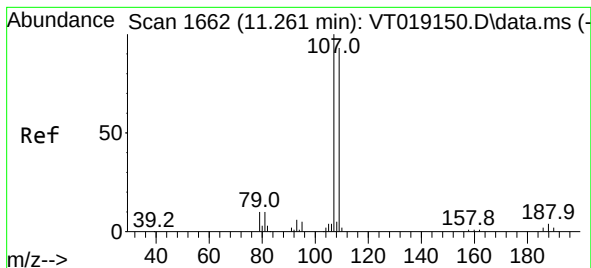
Tgt Ion: 43 Resp: 589518
Ion Ratio Lower Upper
43 100
58 56.1 26.1 78.3



#60
Dibromochloromethane
Concen: 53.523 ug/l
RT: 11.185 min Scan# 1649
Delta R.T. 0.036 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion:129 Resp: 76871
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 52.948 ug/l

RT: 11.302 min Scan# 1

Delta R.T. 0.035 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

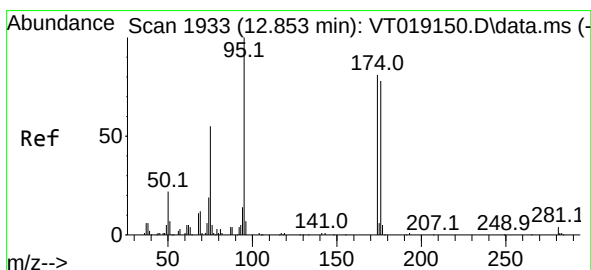
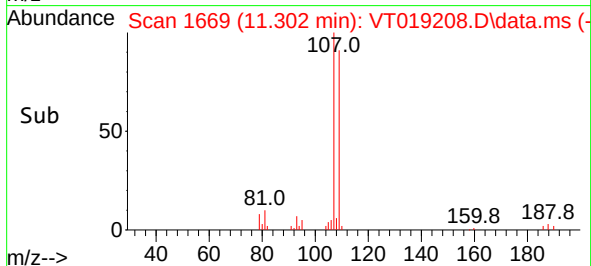
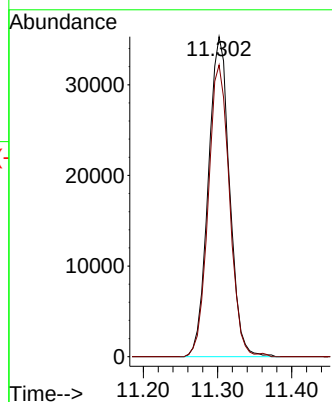
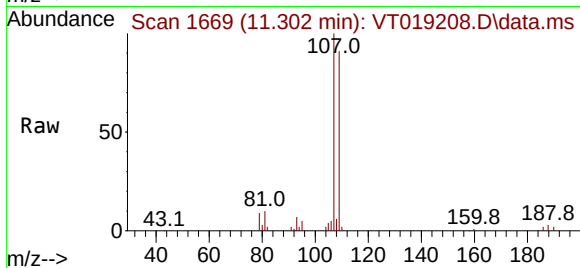
VSTDCCC050

Tgt Ion:107 Resp: 70233

Ion Ratio Lower Upper

107 100

109 91.2 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.699 ug/l

RT: 12.894 min Scan# 1940

Delta R.T. 0.035 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

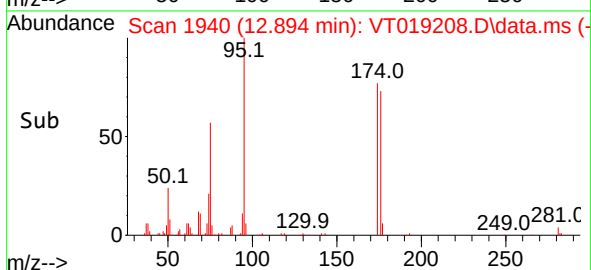
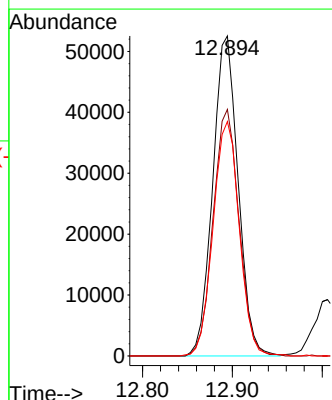
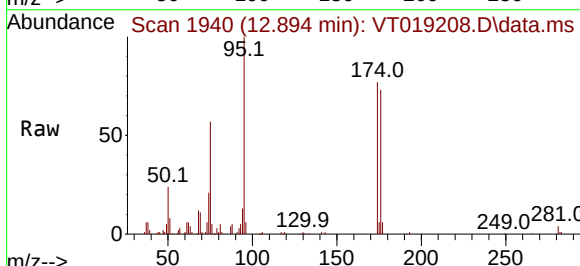
Tgt Ion: 95 Resp: 103206

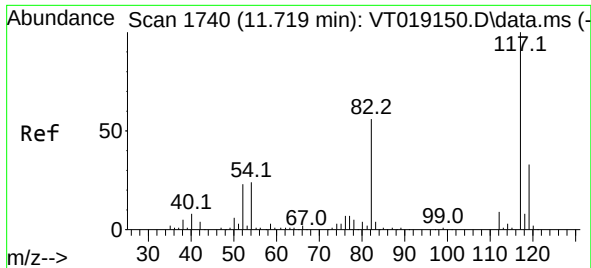
Ion Ratio Lower Upper

95 100

174 78.6 0.0 160.6

176 75.5 0.0 156.6

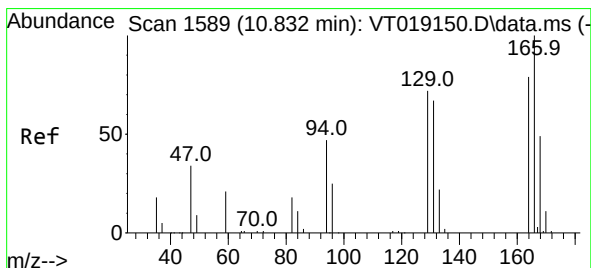
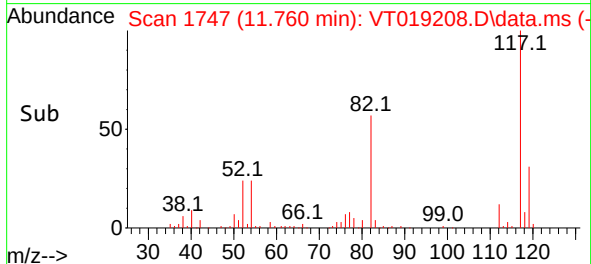
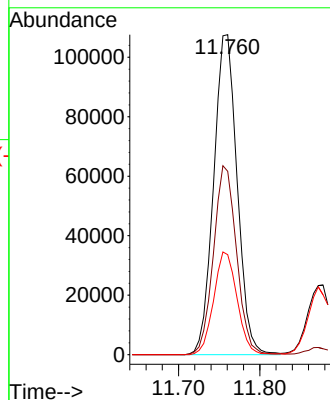
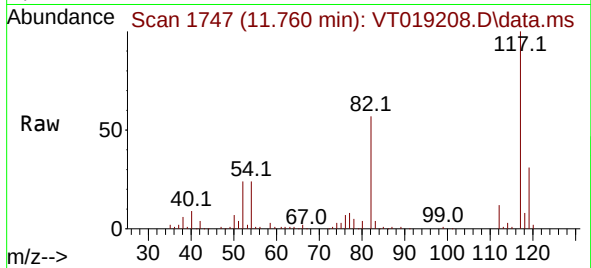




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.760 min Scan# 117
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

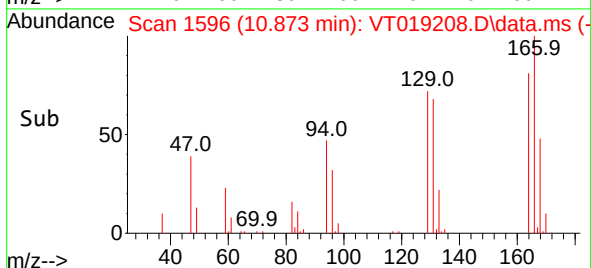
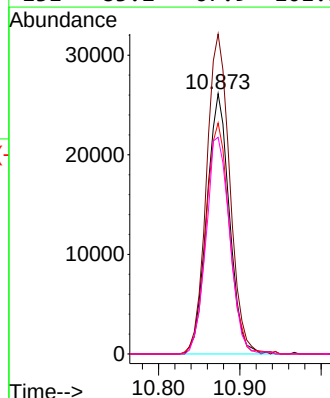
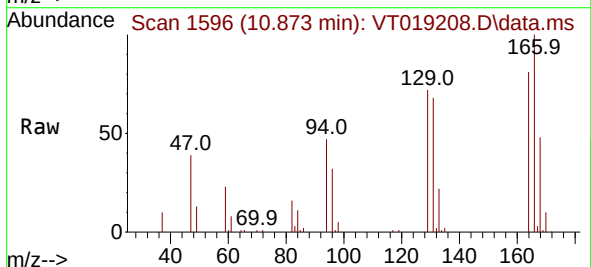
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

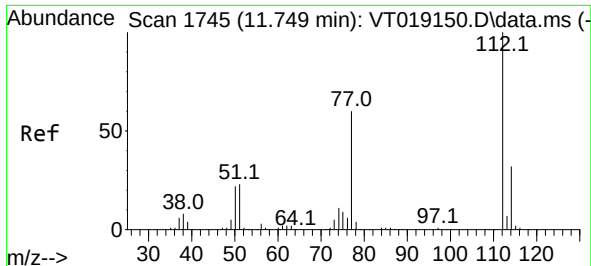
Tgt Ion:117 Resp: 216526
Ion Ratio Lower Upper
117 100
82 57.3 45.1 67.7
119 31.3 26.6 40.0



#64
Tetrachloroethene
Concen: 51.417 ug/l
RT: 10.873 min Scan# 1596
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion:164 Resp: 50604
Ion Ratio Lower Upper
164 100
166 122.9 100.9 151.3
129 88.8 72.4 108.6
131 83.2 67.9 101.9

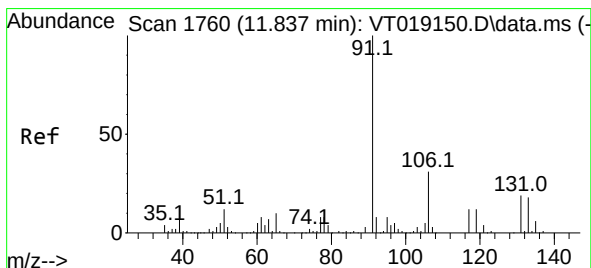
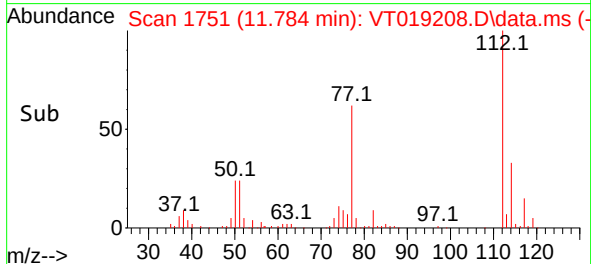
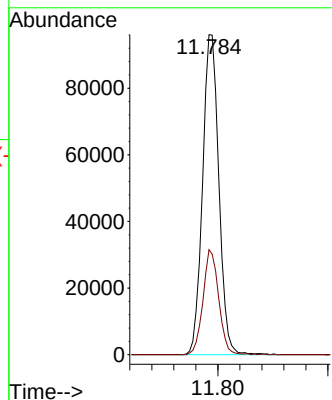
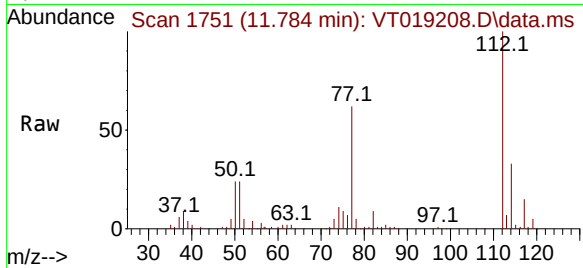




#65
Chlorobenzene
Concen: 50.797 ug/l
RT: 11.784 min Scan# 11
Delta R.T. 0.029 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

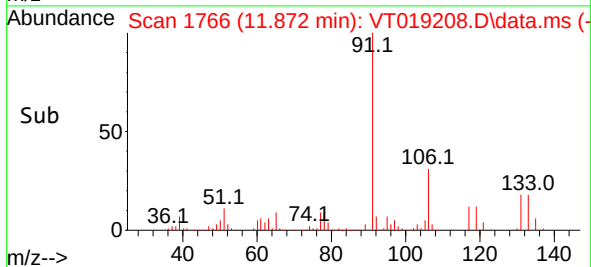
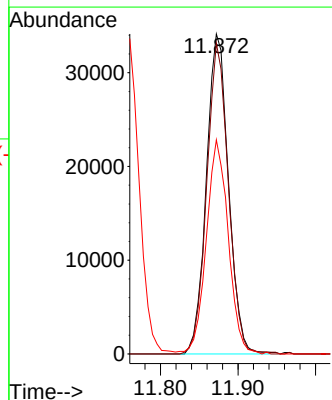
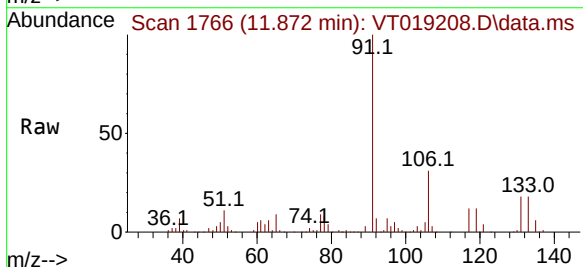
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

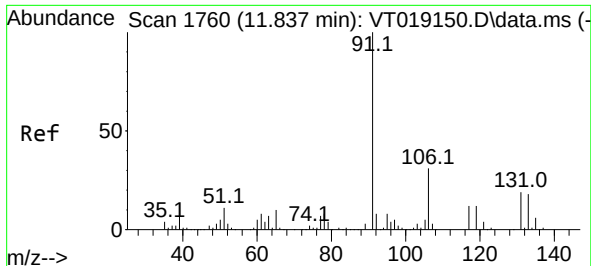
Tgt Ion:112 Resp: 197414
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.871 ug/l
RT: 11.872 min Scan# 1766
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion:131 Resp: 67687
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.3
119 66.4 31.7 95.1





#67

Ethyl Benzene

Concen: 49.948 ug/l

RT: 11.878 min Scan# 1767

Delta R.T. 0.035 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

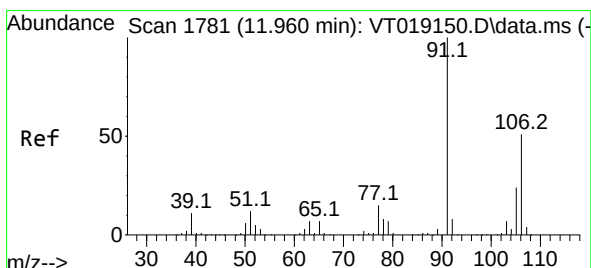
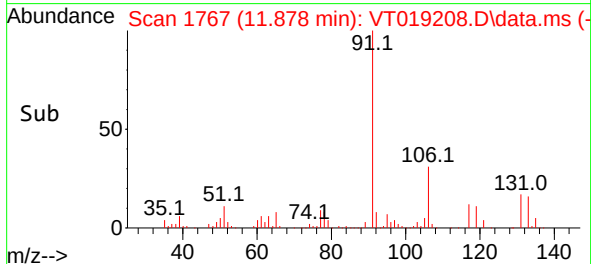
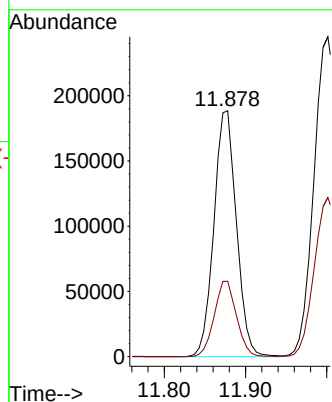
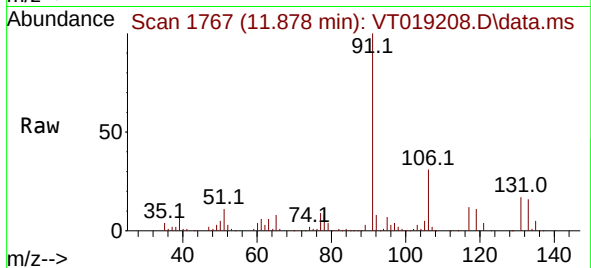
VSTDCCC050

Tgt Ion: 91 Resp: 362929

Ion Ratio Lower Upper

91 100

106 30.6 24.8 37.2



#68

m/p-Xylenes

Concen: 100.150 ug/l

RT: 12.001 min Scan# 1788

Delta R.T. 0.035 min

Lab File: VT019208.D

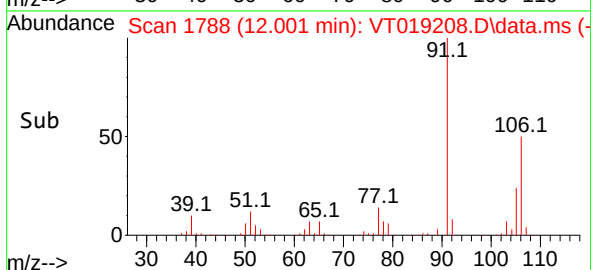
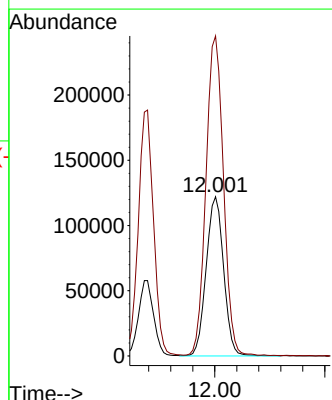
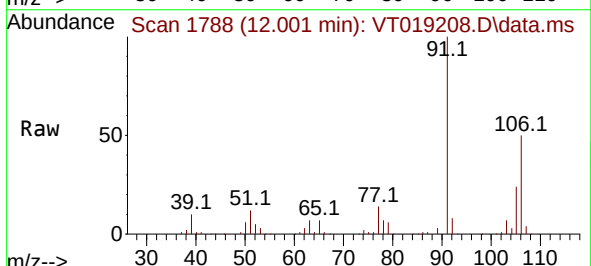
Acq: 30 Oct 2025 10:20

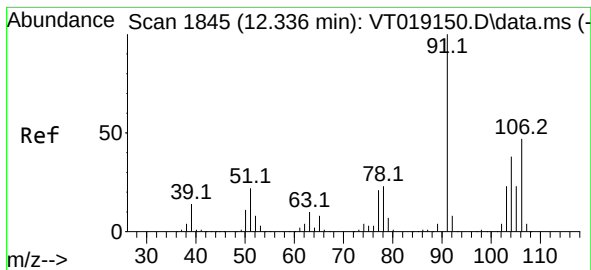
Tgt Ion:106 Resp: 268795

Ion Ratio Lower Upper

106 100

91 200.3 161.0 241.6





#69

o-Xylene

Concen: 50.280 ug/l

RT: 12.371 min Scan# 1851

Delta R.T. 0.029 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

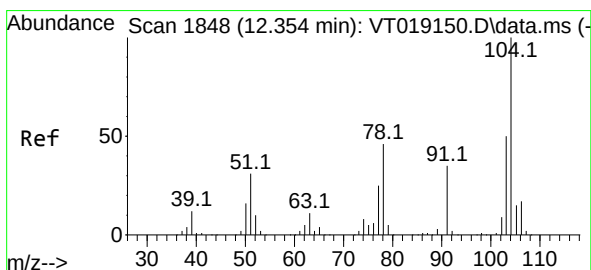
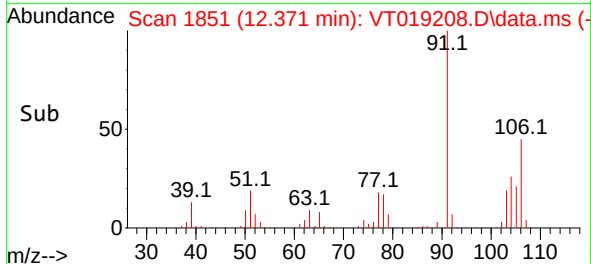
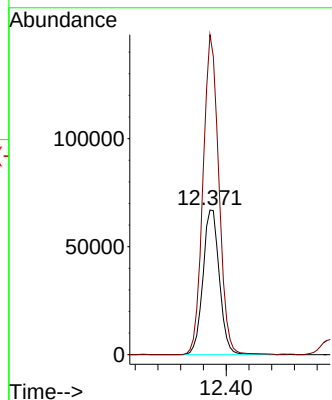
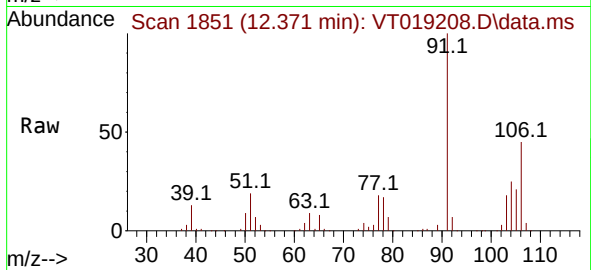
VSTDCCC050

Tgt Ion:106 Resp: 134139

Ion Ratio Lower Upper

106 100

91 213.5 106.5 319.5



#70

Styrene

Concen: 49.870 ug/l

RT: 12.389 min Scan# 1854

Delta R.T. 0.029 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

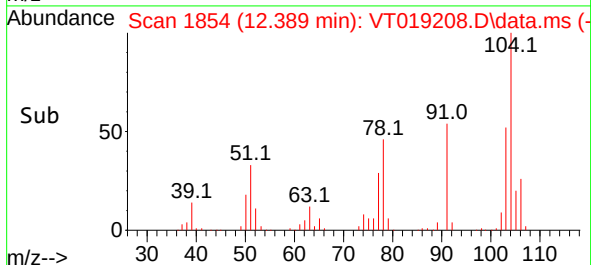
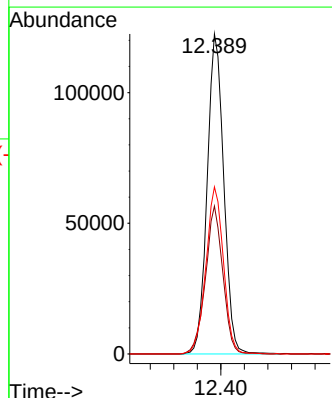
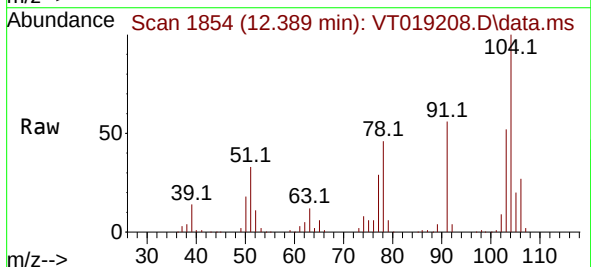
Tgt Ion:104 Resp: 239572

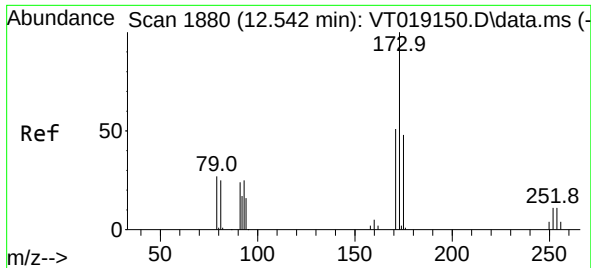
Ion Ratio Lower Upper

104 100

78 48.6 40.8 61.2

103 55.4 43.8 65.6

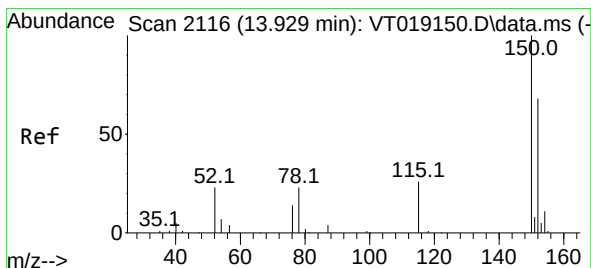
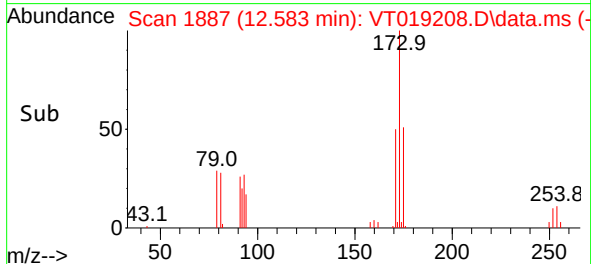
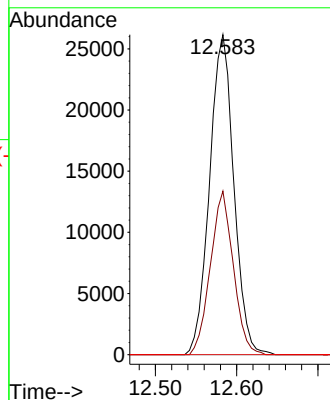
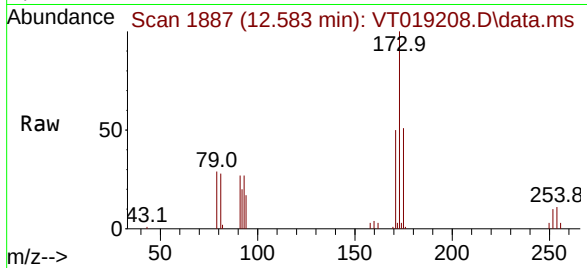




#71
Bromoform
Concen: 53.337 ug/l
RT: 12.583 min Scan# 11
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

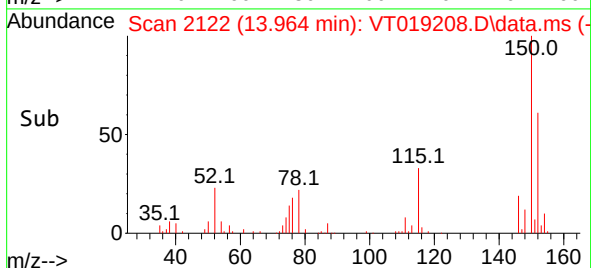
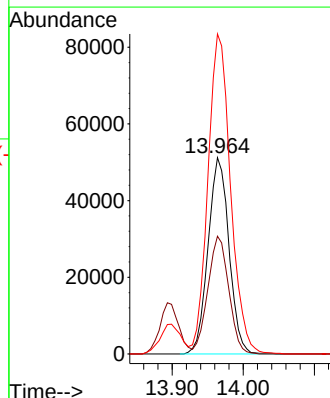
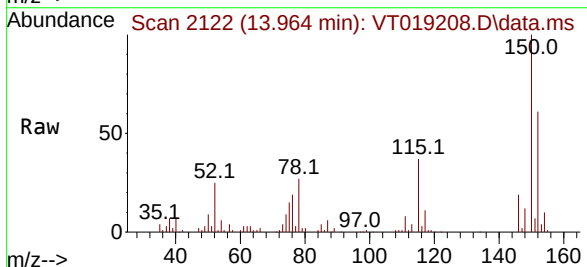
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

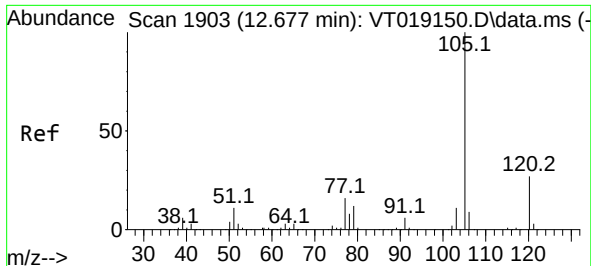
Tgt Ion:173 Resp: 54266
Ion Ratio Lower Upper
173 100
175 48.3 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.964 min Scan# 2122
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion:152 Resp: 104980
Ion Ratio Lower Upper
152 100
115 59.7 29.6 88.9
150 176.3 0.0 342.6

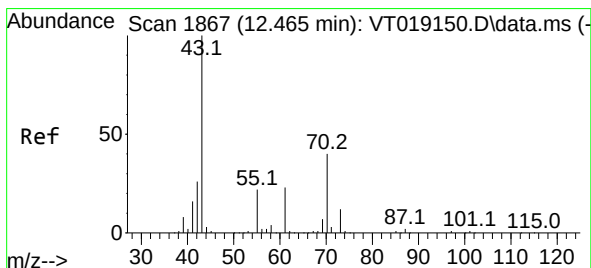
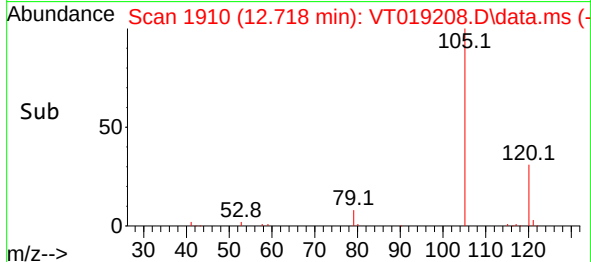
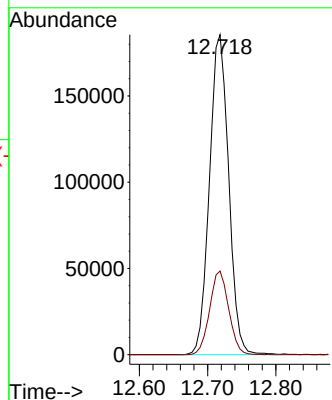
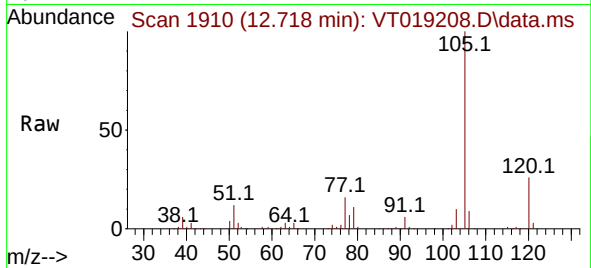




#73
Isopropylbenzene
Concen: 50.287 ug/l
RT: 12.718 min Scan# 1903
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

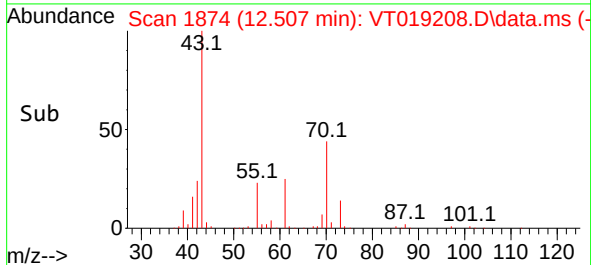
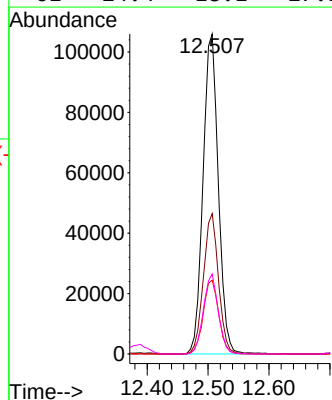
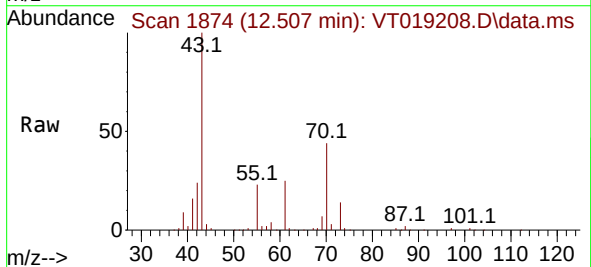
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

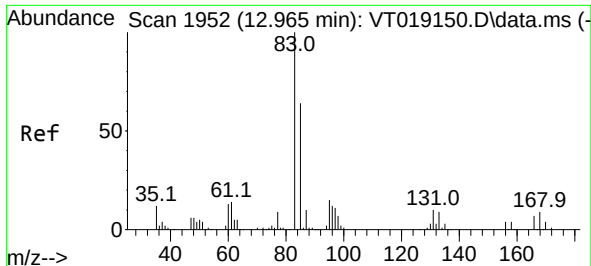
Tgt Ion:105 Resp: 363427
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4



#74
N-amy1 acetate
Concen: 50.588 ug/l
RT: 12.507 min Scan# 1874
Delta R.T. 0.036 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 43 Resp: 184418
Ion Ratio Lower Upper
43 100
70 43.3 31.3 46.9
55 23.3 17.4 26.0
61 24.4 18.1 27.1

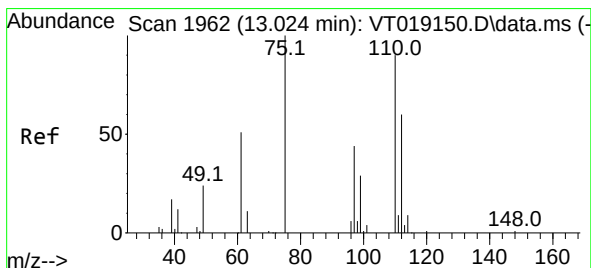
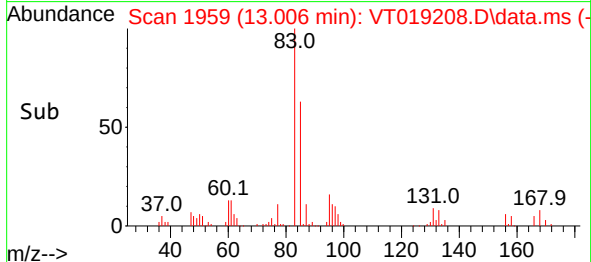
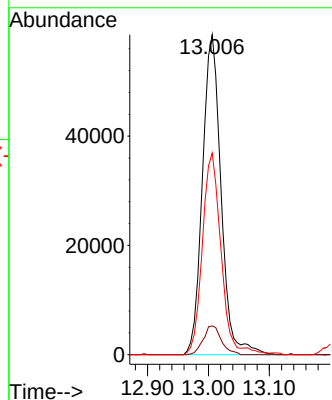
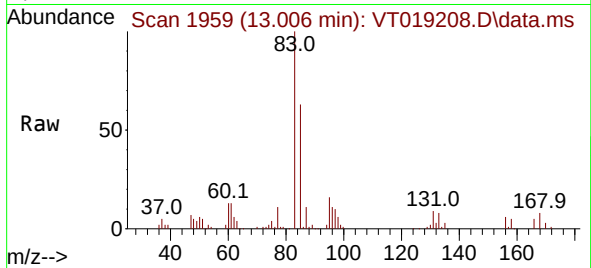




#75
1,1,2,2-Tetrachloroethane
Concen: 50.287 ug/l
RT: 13.006 min Scan# 1959
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

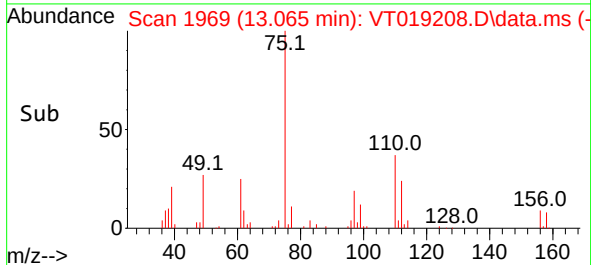
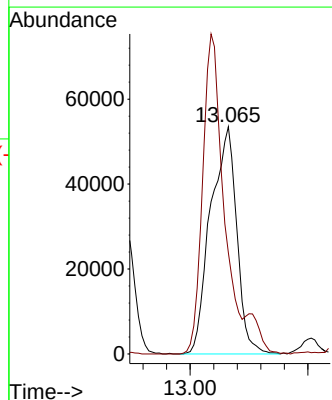
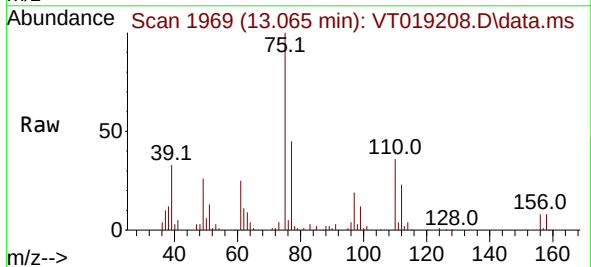
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

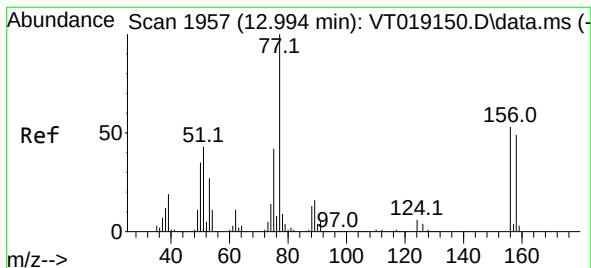
Tgt Ion: 83 Resp: 124526
Ion Ratio Lower Upper
83 100
131 8.8 5.2 15.6
85 63.1 32.8 98.4



#76
1,2,3-Trichloropropane
Concen: 76.423 ug/l
RT: 13.065 min Scan# 1969
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 75 Resp: 165095
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.883 ug/l

RT: 13.035 min Scan# 1964

Delta R.T. 0.035 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

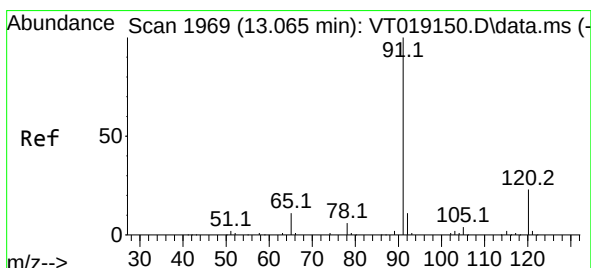
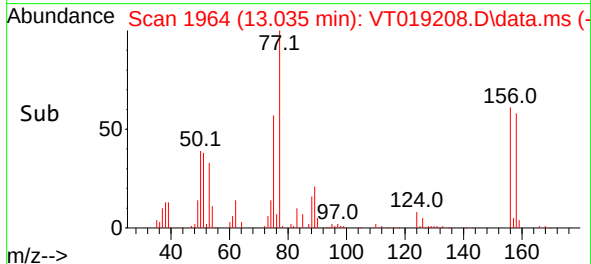
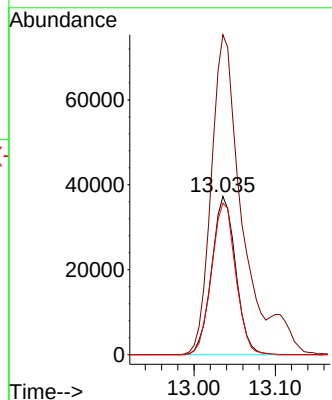
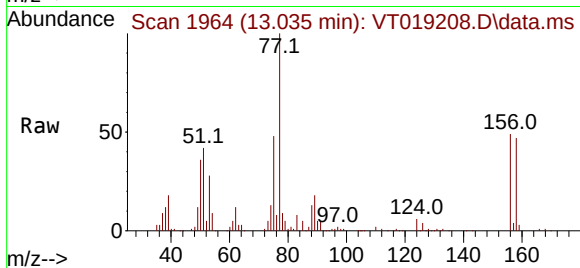
Tgt Ion:156 Resp: 76492

Ion Ratio Lower Upper

156 100

77 241.1 113.1 339.3

158 96.5 48.0 144.0



#78

n-propylbenzene

Concen: 49.581 ug/l

RT: 13.106 min Scan# 1976

Delta R.T. 0.035 min

Lab File: VT019208.D

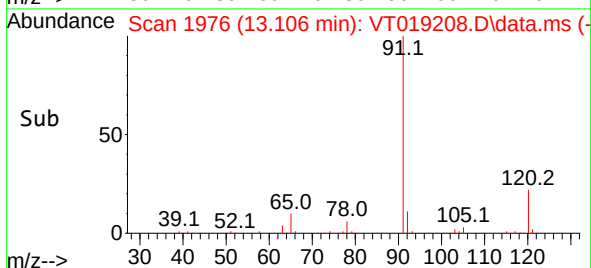
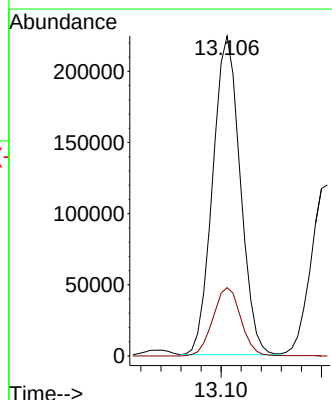
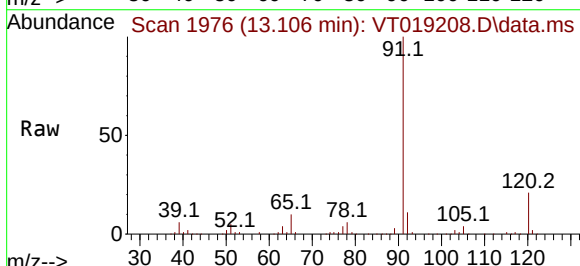
Acq: 30 Oct 2025 10:20

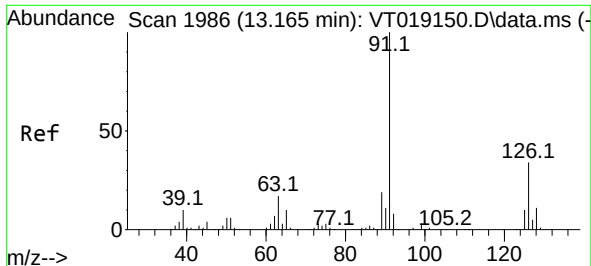
Tgt Ion: 91 Resp: 425705

Ion Ratio Lower Upper

91 100

120 21.8 11.6 34.8





#79

2-Chlorotoluene

Concen: 49.583 ug/l

RT: 13.206 min Scan# 1986

Delta R.T. 0.035 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

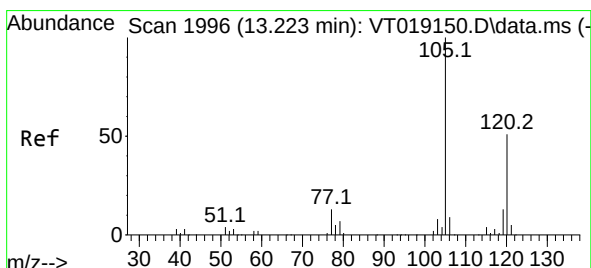
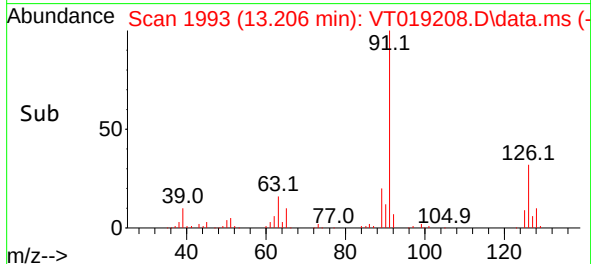
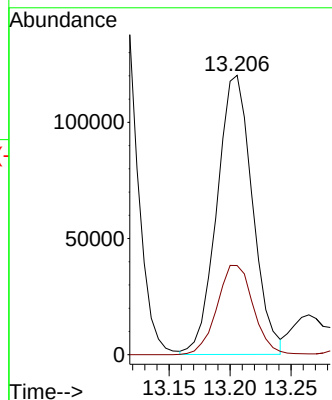
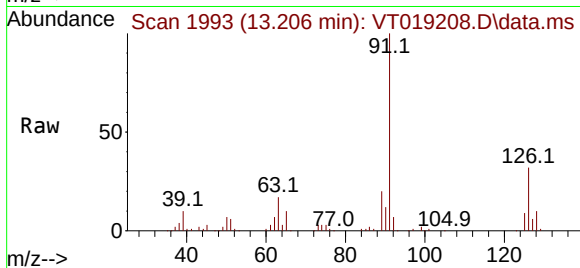
VSTDCCC050

Tgt Ion: 91 Resp: 243898

Ion Ratio Lower Upper

91 100

126 32.7 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 50.220 ug/l

RT: 13.265 min Scan# 2003

Delta R.T. 0.036 min

Lab File: VT019208.D

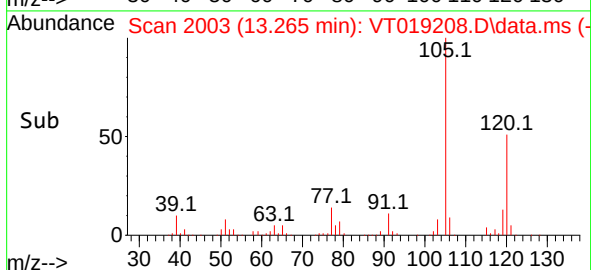
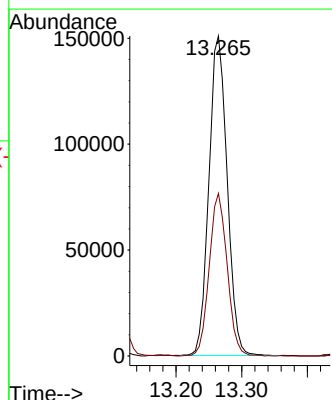
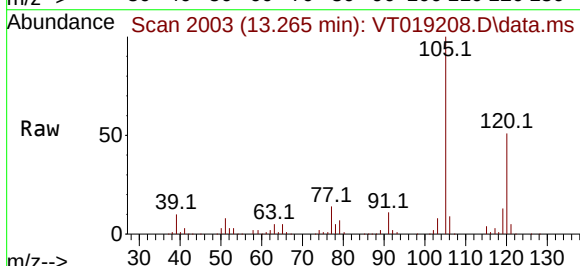
Acq: 30 Oct 2025 10:20

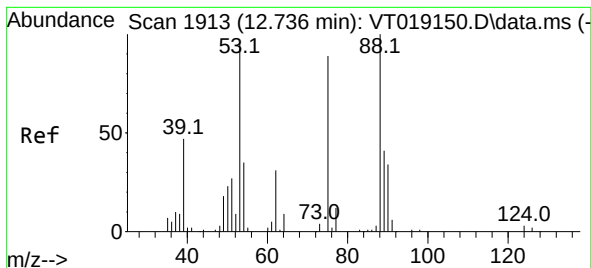
Tgt Ion:105 Resp: 291518

Ion Ratio Lower Upper

105 100

120 50.1 25.5 76.5

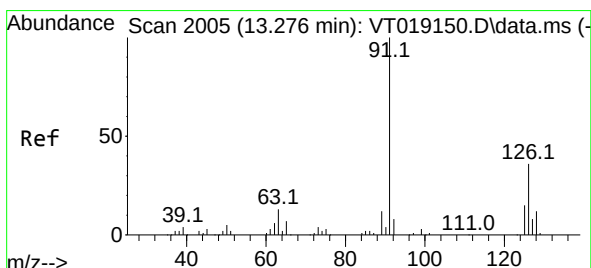
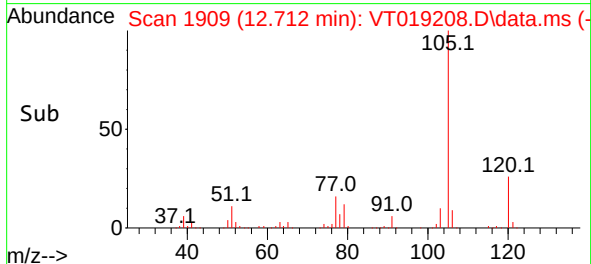
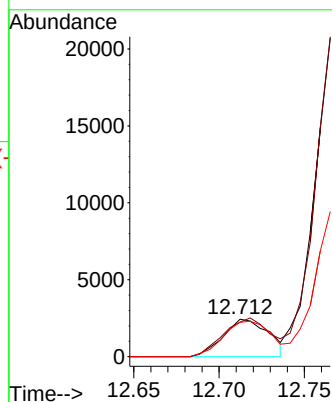
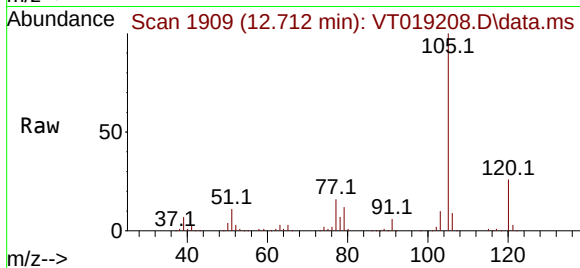




#81
trans-1,4-Dichloro-2-butene
Concen: 4.896 ug/l
RT: 12.712 min Scan# 1913
Delta R.T. -0.024 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

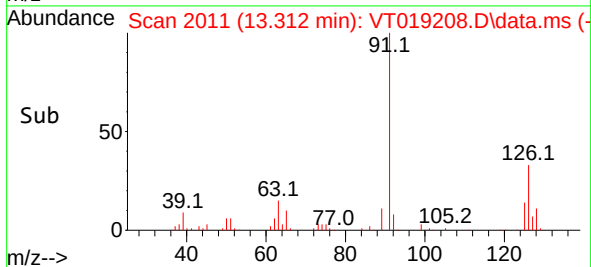
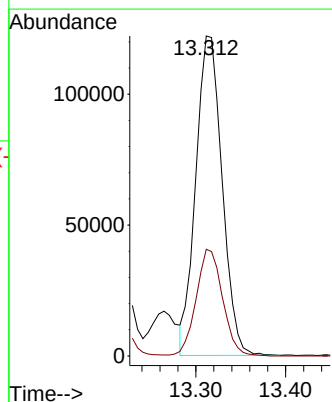
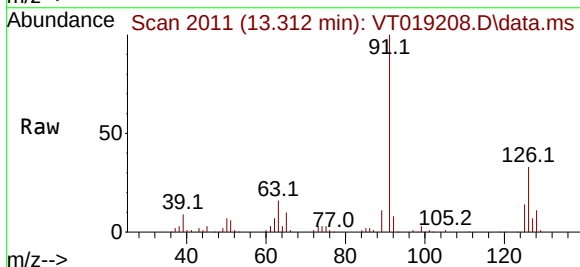
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

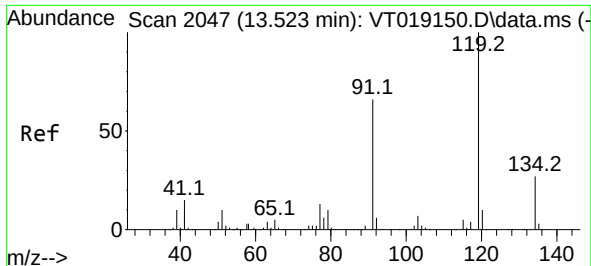
Tgt Ion: 75 Resp: 4508
Ion Ratio Lower Upper
75 100
53 105.4 86.0 129.0
89 98.0 36.3 54.5#



#82
4-Chlorotoluene
Concen: 49.617 ug/l
RT: 13.312 min Scan# 2011
Delta R.T. 0.030 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 91 Resp: 248365
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.7

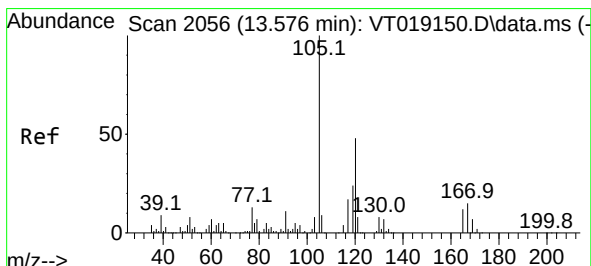
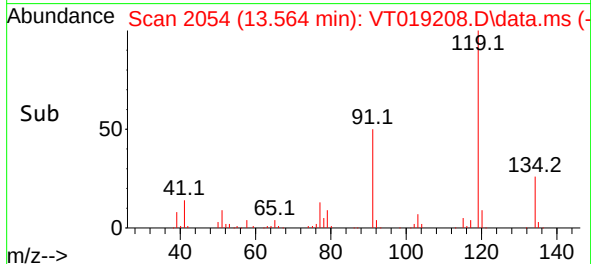
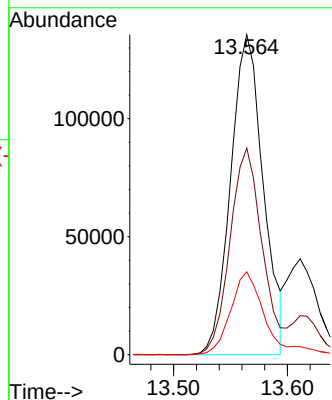
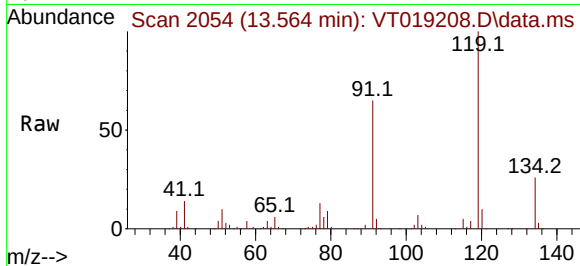




#83
tert-Butylbenzene
Concen: 50.496 ug/l
RT: 13.564 min Scan# 2054
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

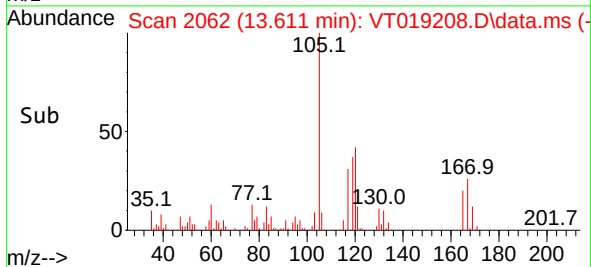
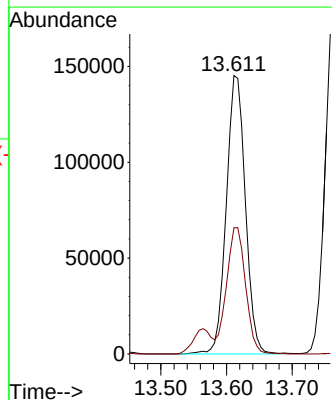
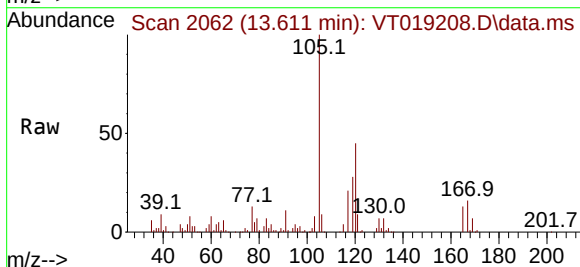
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

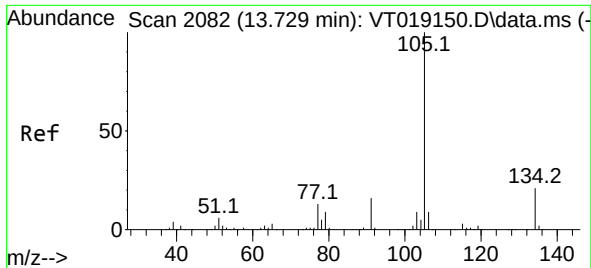
Tgt Ion:119 Resp: 271309
Ion Ratio Lower Upper
119 100
91 64.3 32.9 98.6
134 27.1 14.8 44.3



#84
1,2,4-Trimethylbenzene
Concen: 49.696 ug/l
RT: 13.611 min Scan# 2062
Delta R.T. 0.029 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion:105 Resp: 292978
Ion Ratio Lower Upper
105 100
120 45.4 23.7 71.1

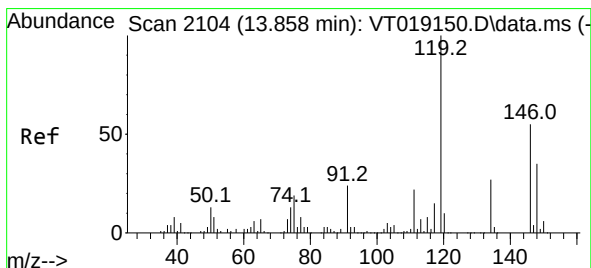
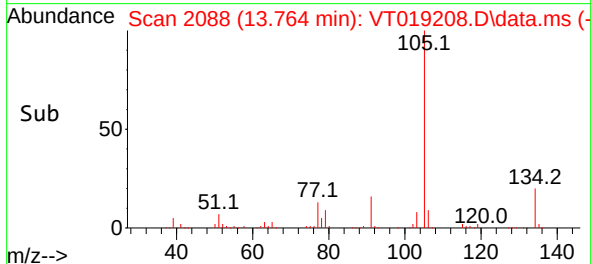
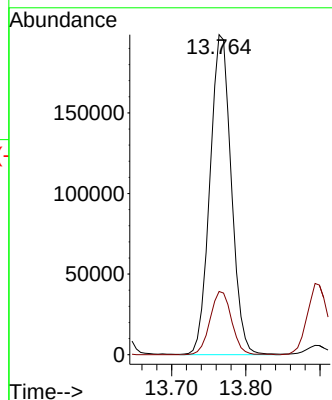
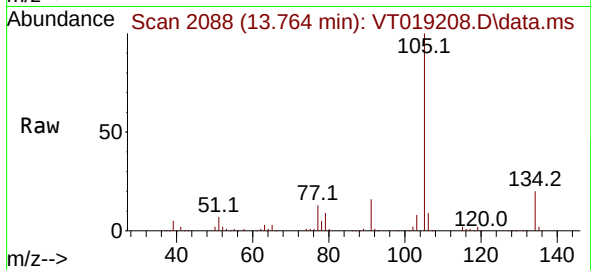




#85
 sec-Butylbenzene
 Concen: 50.277 ug/l
 RT: 13.764 min Scan# 2088
 Delta R.T. 0.035 min
 Lab File: VT019208.D
 Acq: 30 Oct 2025 10:20

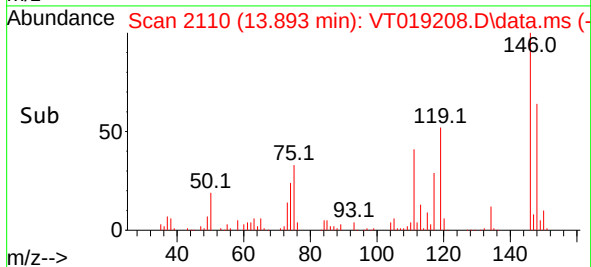
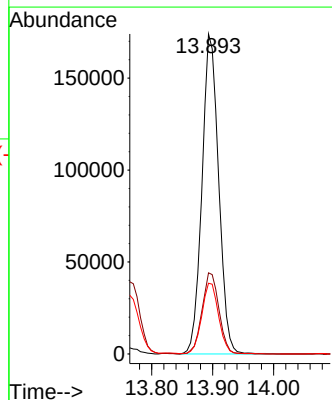
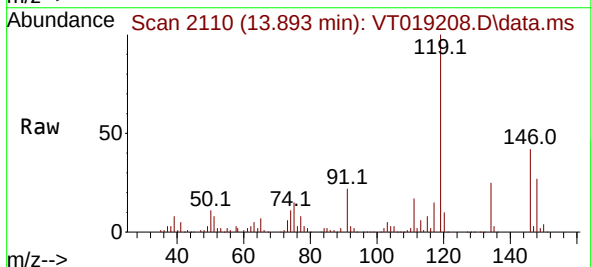
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

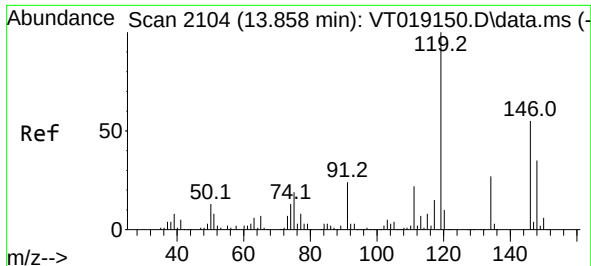
Tgt Ion:105 Resp: 396220
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 50.261 ug/l
 RT: 13.893 min Scan# 2110
 Delta R.T. 0.029 min
 Lab File: VT019208.D
 Acq: 30 Oct 2025 10:20

Tgt Ion:119 Resp: 330711
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.4 40.1
 91 22.5 11.7 35.1

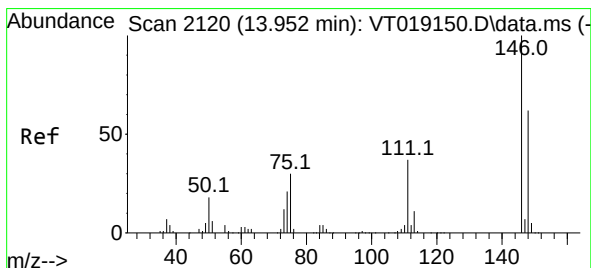
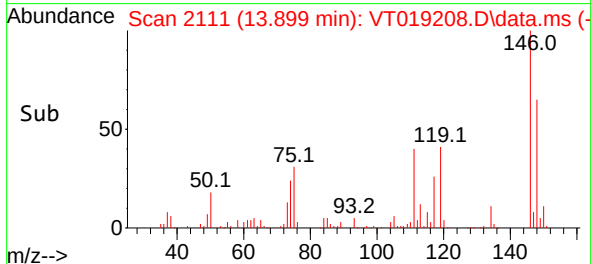
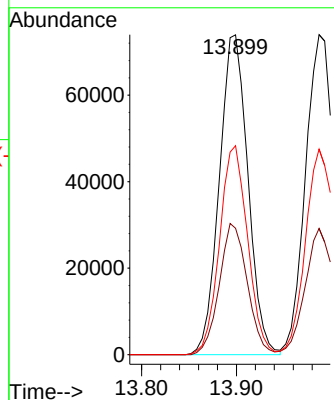
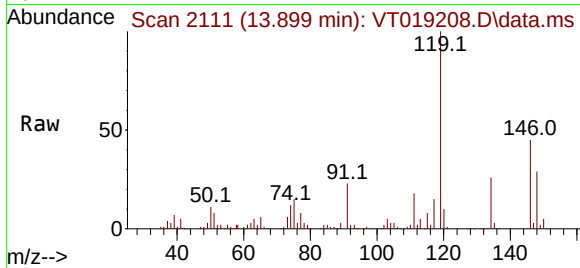




#87
 1,3-Dichlorobenzene
 Concen: 49.360 ug/l
 RT: 13.899 min Scan# 2111
 Delta R.T. 0.035 min
 Lab File: VT019208.D
 Acq: 30 Oct 2025 10:20

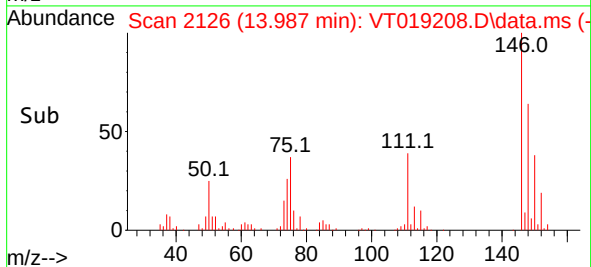
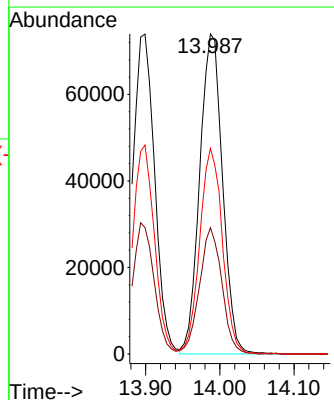
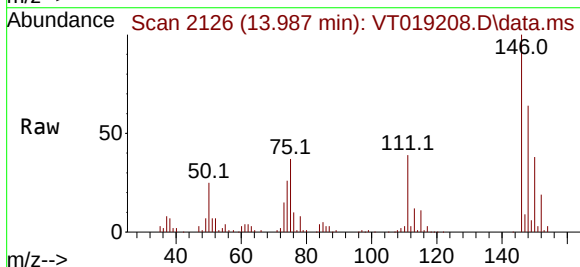
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

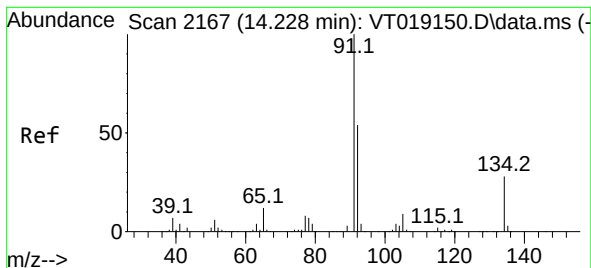
Tgt Ion:146 Resp: 155291
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.9
 148 64.0 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 49.967 ug/l
 RT: 13.987 min Scan# 2126
 Delta R.T. 0.035 min
 Lab File: VT019208.D
 Acq: 30 Oct 2025 10:20

Tgt Ion:146 Resp: 158353
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.3 57.8
 148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 51.266 ug/l

RT: 14.263 min Scan# 2167

Delta R.T. 0.029 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

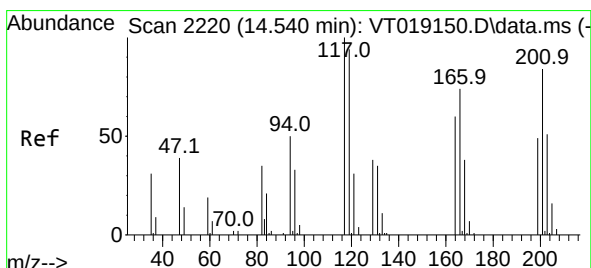
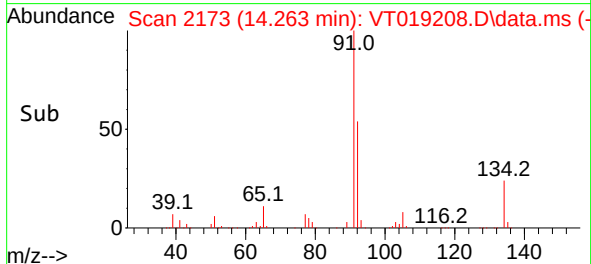
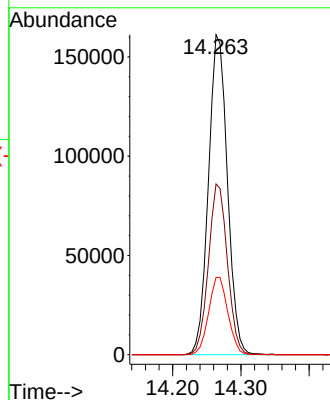
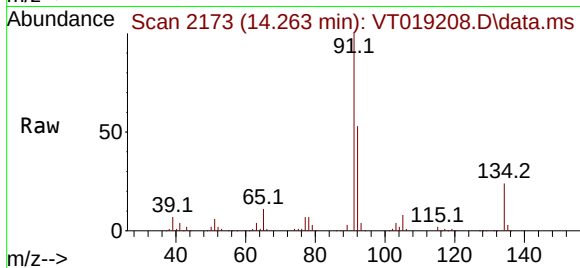
Tgt Ion: 91 Resp: 311576

Ion Ratio Lower Upper

91 100

92 53.3 27.1 81.2

134 24.5 13.7 41.0



#90

Hexachloroethane

Concen: 53.745 ug/l

RT: 14.575 min Scan# 2226

Delta R.T. 0.035 min

Lab File: VT019208.D

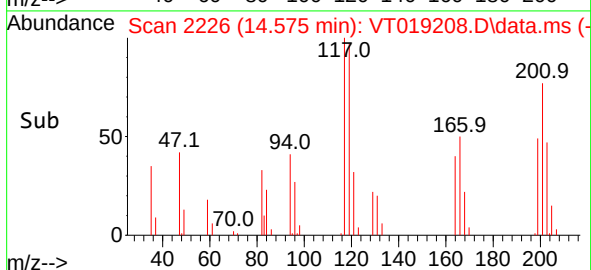
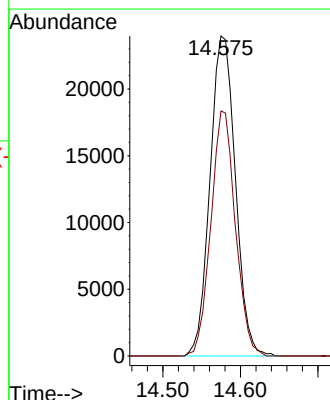
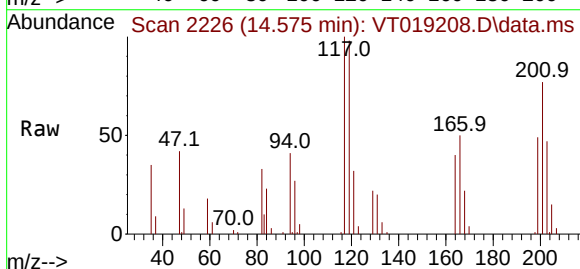
Acq: 30 Oct 2025 10:20

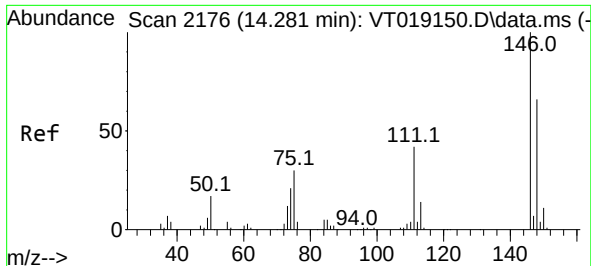
Tgt Ion: 117 Resp: 54558

Ion Ratio Lower Upper

117 100

201 73.9 39.7 119.1

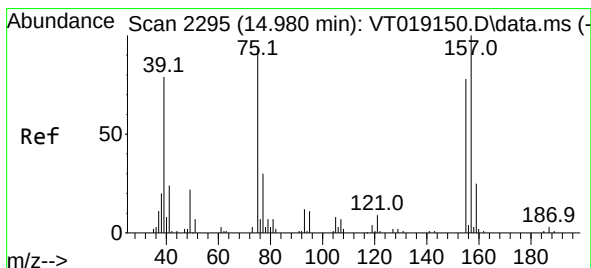
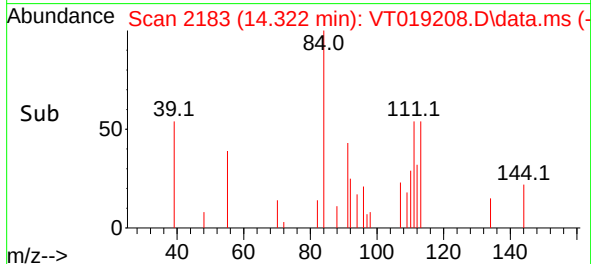
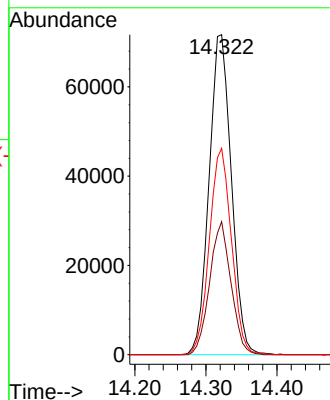
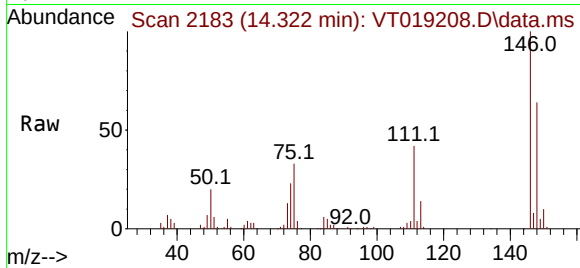




#91
1,2-Dichlorobenzene
Concen: 50.729 ug/l
RT: 14.322 min Scan# 2176
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

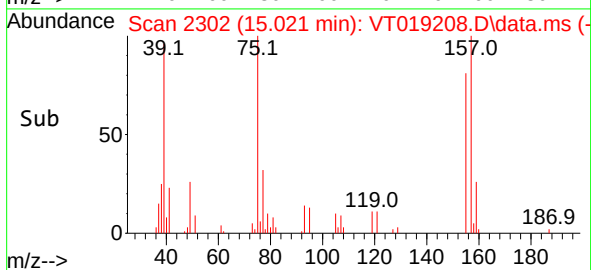
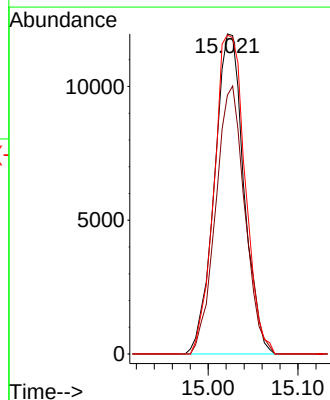
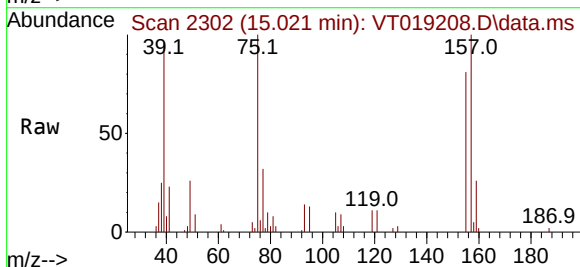
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

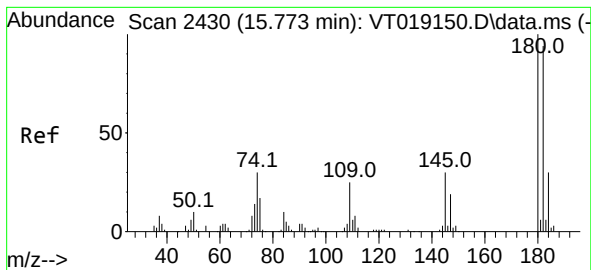
Tgt Ion:146 Resp: 156352
Ion Ratio Lower Upper
146 100
111 39.7 20.8 62.4
148 63.9 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.147 ug/l
RT: 15.021 min Scan# 2302
Delta R.T. 0.035 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion: 75 Resp: 27315
Ion Ratio Lower Upper
75 100
155 82.5 42.9 128.7
157 104.0 54.9 164.8





#93

1,2,4-Trichlorobenzene

Concen: 50.925 ug/l

RT: 15.815 min Scan# 2437

Delta R.T. 0.042 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

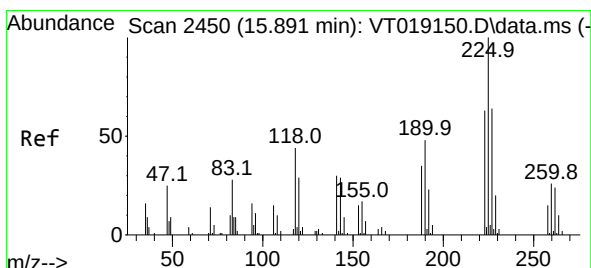
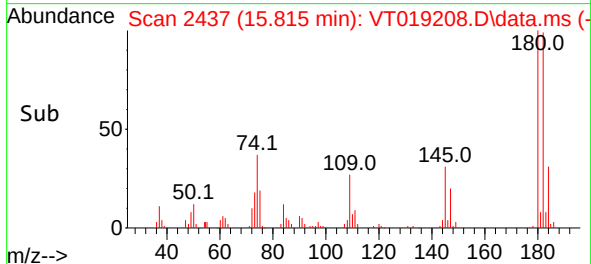
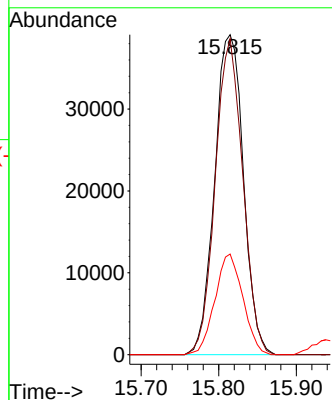
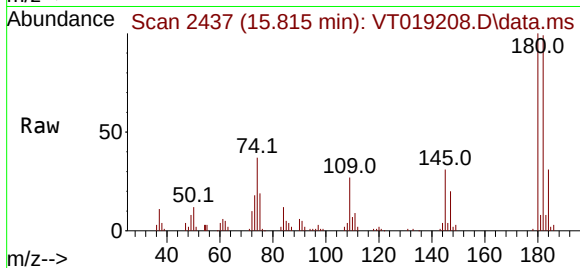
Tgt Ion:180 Resp: 100947

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.0

145 30.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 51.255 ug/l

RT: 15.932 min Scan# 2457

Delta R.T. 0.035 min

Lab File: VT019208.D

Acq: 30 Oct 2025 10:20

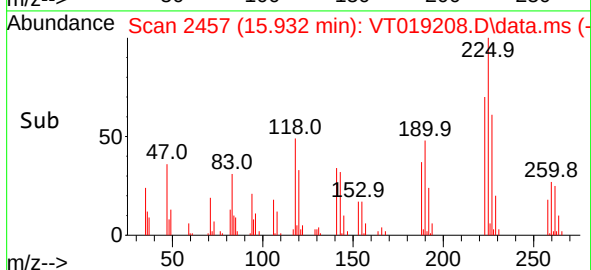
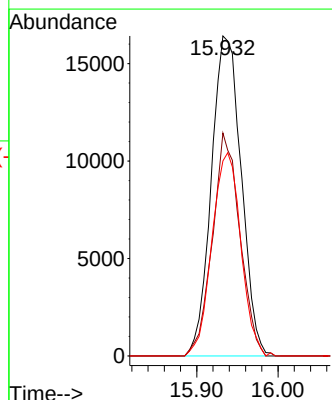
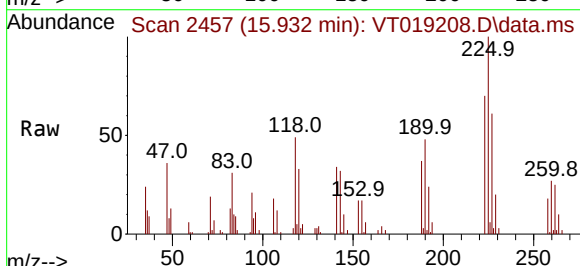
Tgt Ion:225 Resp: 41905

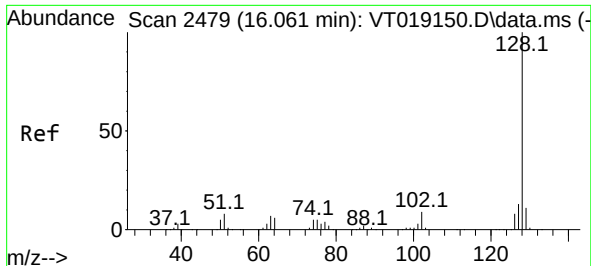
Ion Ratio Lower Upper

225 100

223 63.9 31.1 93.5

227 61.5 31.9 95.9

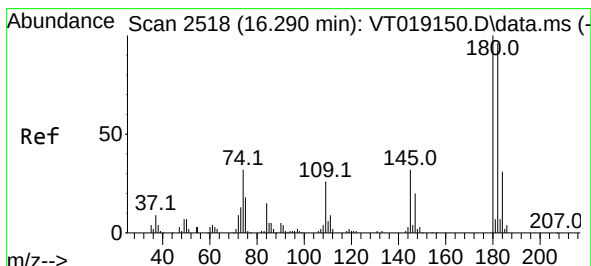
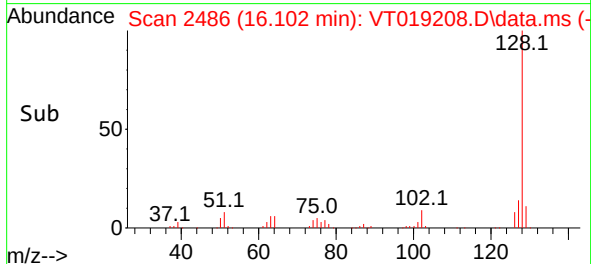
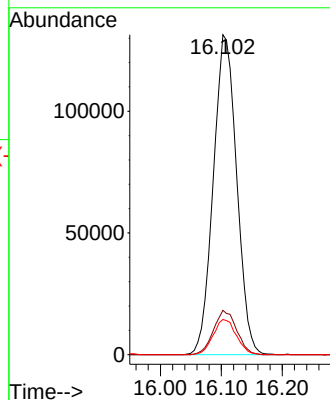
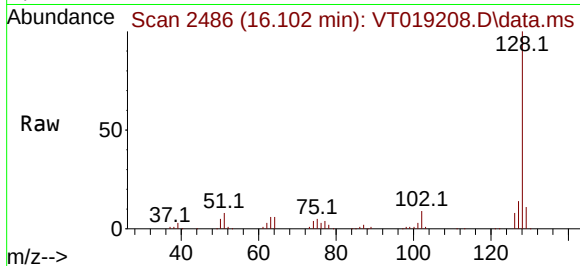




#95
Naphthalene
Concen: 50.453 ug/l
RT: 16.102 min Scan# 2479
Delta R.T. 0.041 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 350187
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.655 ug/l
RT: 16.343 min Scan# 2527
Delta R.T. 0.047 min
Lab File: VT019208.D
Acq: 30 Oct 2025 10:20

Tgt Ion:180 Resp: 101021
Ion Ratio Lower Upper
180 100
182 94.6 47.6 142.8
145 30.5 15.8 47.4

