

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
 Data File : VT019219.D
 Acq On : 31 Oct 2025 10:00
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDC0050

Quant Time: Nov 01 05:17:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 31 04:36:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.612	168	150464	50.000	ug/l	0.06
34) 1,4-Difluorobenzene	8.605	114	251853	50.000	ug/l	0.06
63) Chlorobenzene-d5	11.778	117	202515	50.000	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	13.987	152	99927	50.000	ug/l	0.06
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.000	65	112146	46.337	ug/l	0.07
Spiked Amount 50.000			Recovery	=	92.680%	
35) Dibromofluoromethane	7.530	113	78878	49.519	ug/l	0.06
Spiked Amount 50.000			Recovery	=	99.040%	
50) Toluene-d8	10.280	98	305536	47.234	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.460%	
62) 4-Bromofluorobenzene	12.912	95	97981	48.182	ug/l	0.05
Spiked Amount 50.000			Recovery	=	96.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.895	85	45629	51.494	ug/l	94
3) Chloromethane	2.130	50	61511	45.042	ug/l	97
4) Vinyl Chloride	2.218	62	82873	47.441	ug/l	94
5) Bromomethane	2.553	94	57184	60.772	ug/l	100
6) Chloroethane	2.700	64	67973	42.886	ug/l	99
7) Trichlorofluoromethane	3.012	101	155600	48.110	ug/l	98
8) Diethyl Ether	3.382	74	73195	47.186	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.711	101	85653	54.585	ug/l	91
10) Methyl Iodide	3.899	142	63222	49.765	ug/l	97
11) Tert butyl alcohol	4.716	59	133942	260.368	ug/l	99
12) 1,1-Dichloroethene	3.693	96	77578	53.509	ug/l	94
13) Acrolein	3.570	56	19838	226.054	ug/l	95
14) Allyl chloride	4.257	41	137173	47.973	ug/l #	90
15) Acrylonitrile	4.892	53	316730	252.457	ug/l	100
16) Acetone	3.770	43	382623	266.107	ug/l	98
17) Carbon Disulfide	3.993	76	88557	44.939	ug/l	99
18) Methyl Acetate	4.257	43	227863	53.504	ug/l	95
19) Methyl tert-butyl Ether	4.951	73	321397	49.077	ug/l	100
20) Methylene Chloride	4.475	84	75277	46.523	ug/l	94
21) trans-1,2-Dichloroethene	4.939	96	59632	48.297	ug/l	94
22) Diisopropyl ether	5.850	45	330501	48.687	ug/l	94
23) Vinyl Acetate	5.785	43	1180768	243.473	ug/l	100
24) 1,1-Dichloroethane	5.738	63	155510	48.970	ug/l	97
25) 2-Butanone	6.737	43	445214	240.507	ug/l	98
26) 2,2-Dichloropropane	6.731	77	135187	49.335	ug/l	99
27) cis-1,2-Dichloroethene	6.731	96	85158	49.148	ug/l	100
28) Bromochloromethane	7.113	49	83759	49.353	ug/l #	100
29) Tetrahydrofuran	7.136	42	266951	247.853	ug/l	91
30) Chloroform	7.301	83	142842	48.045	ug/l	100
31) Cyclohexane	7.601	56	102737	43.507	ug/l	96
32) 1,1,1-Trichloroethane	7.506	97	113970	48.157	ug/l	98
36) 1,1-Dichloropropene	7.747	75	85033	47.459	ug/l	100
37) Ethyl Acetate	6.843	43	154477	50.647	ug/l	97
38) Carbon Tetrachloride	7.730	117	82002	50.335	ug/l	99
39) Methylcyclohexane	9.152	83	93955	47.459	ug/l	97
40) Benzene	8.012	78	293529	48.396	ug/l	100

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 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.089	41	76039	49.553	ug/l	96
42) 1,2-Dichloroethane	8.106	62	103041	48.346	ug/l	97
43) Isopropyl Acetate	8.147	43	238795	49.236	ug/l #	91
44) Trichloroethene	8.881	130	57147	48.202	ug/l	99
45) 1,2-Dichloropropane	9.193	63	75141	48.691	ug/l	98
46) Dibromomethane	9.293	93	46216	49.760	ug/l	94
47) Bromodichloromethane	9.510	83	103445	49.402	ug/l	98
48) Methyl methacrylate	9.281	41	108090	49.617	ug/l	90
49) 1,4-Dioxane	9.293	88	39936	976.028	ug/l	97
51) 4-Methyl-2-Pentanone	10.162	43	734784	251.553	ug/l	97
52) Toluene	10.356	92	169093	48.791	ug/l	97
53) t-1,3-Dichloropropene	10.609	75	114414	50.484	ug/l	97
54) cis-1,3-Dichloropropene	9.998	75	117714	50.159	ug/l	91
55) 1,1,2-Trichloroethane	10.814	97	68922	50.422	ug/l	97
56) Ethyl methacrylate	10.662	69	133994	51.010	ug/l	92
57) 1,3-Dichloropropane	10.979	76	118529	48.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.839	63	173283	245.119	ug/l	98
59) 2-Hexanone	11.032	43	541035	244.500	ug/l	95
60) Dibromochloromethane	11.202	129	70776	51.357	ug/l	99
61) 1,2-Dibromoethane	11.326	107	63350	49.772	ug/l	98
64) Tetrachloroethene	10.897	164	43821	47.605	ug/l	97
65) Chlorobenzene	11.807	112	178332	49.062	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.896	131	61912	49.750	ug/l	98
67) Ethyl Benzene	11.896	91	329850	48.536	ug/l	98
68) m/p-Xylenes	12.019	106	244419	97.369	ug/l	98
69) o-Xylene	12.395	106	123300	49.415	ug/l	100
70) Styrene	12.413	104	221309	49.255	ug/l	98
71) Bromoform	12.606	173	50755	53.338	ug/l #	99
73) Isopropylbenzene	12.736	105	329752	47.935	ug/l	98
74) N-amyl acetate	12.524	43	171279	49.360	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.024	83	115440	48.975	ug/l	99
76) 1,2,3-Trichloropropane	13.082	75	97431m	47.381	ug/l	
77) Bromobenzene	13.059	156	70182	48.083	ug/l	93
78) n-propylbenzene	13.129	91	391482	47.900	ug/l	97
79) 2-Chlorotoluene	13.223	91	225301	48.118	ug/l	97
80) 1,3,5-Trimethylbenzene	13.282	105	270036	48.871	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.794	75	45439m	51.848	ug/l	
82) 4-Chlorotoluene	13.335	91	232681	48.834	ug/l	98
83) tert-Butylbenzene	13.588	119	252979	49.465	ug/l	96
84) 1,2,4-Trimethylbenzene	13.635	105	269825	48.083	ug/l	97
85) sec-Butylbenzene	13.787	105	366257	48.825	ug/l	96
86) p-Isopropyltoluene	13.917	119	301221	48.094	ug/l	98
87) 1,3-Dichlorobenzene	13.923	146	141970	47.408	ug/l	100
88) 1,4-Dichlorobenzene	14.011	146	144739m	47.981	ug/l	
89) n-Butylbenzene	14.287	91	295457	51.072	ug/l	96
90) Hexachloroethane	14.598	117	49909	51.652	ug/l	91
91) 1,2-Dichlorobenzene	14.340	146	142380	48.532	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.051	75	25841	50.834	ug/l	95
93) 1,2,4-Trichlorobenzene	15.838	180	94587	50.130	ug/l	99
94) Hexachlorobutadiene	15.961	225	38790	49.844	ug/l	97
95) Naphthalene	16.132	128	339709	51.418	ug/l	99
96) 1,2,3-Trichlorobenzene	16.367	180	94048	50.521	ug/l	99

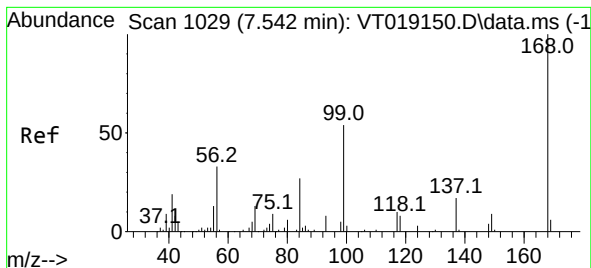
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Quant Title : SW846 8260
QLast Update : Fri Oct 31 04:36:59 2025
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.612 min Scan# 10

Delta R.T. 0.064 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

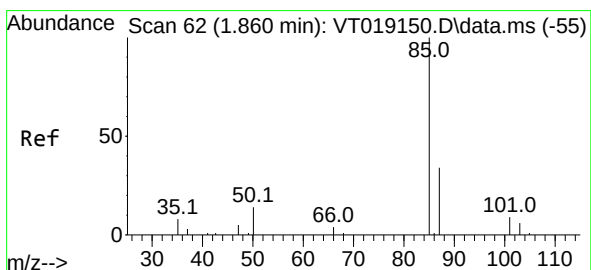
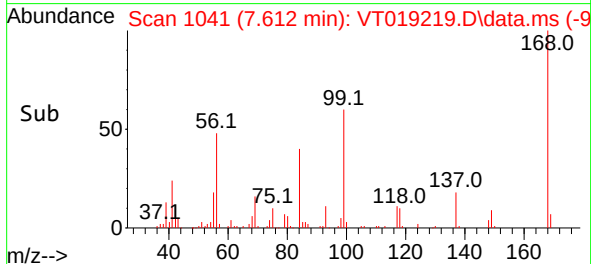
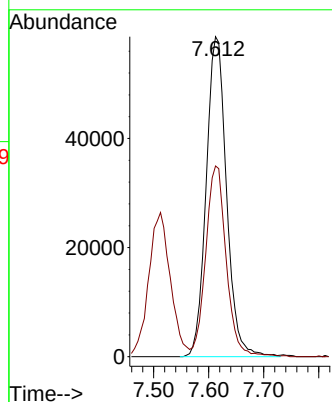
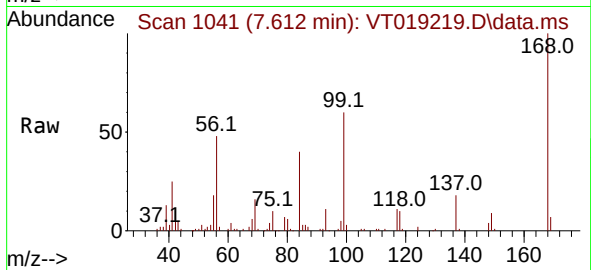
VSTDCCC050

Tgt Ion:168 Resp: 150464

Ion Ratio Lower Upper

168 100

99 59.4 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 51.494 ug/l

RT: 1.895 min Scan# 68

Delta R.T. 0.023 min

Lab File: VT019219.D

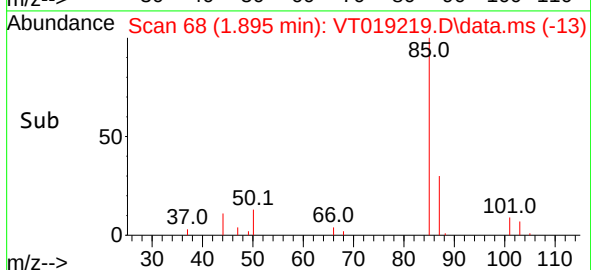
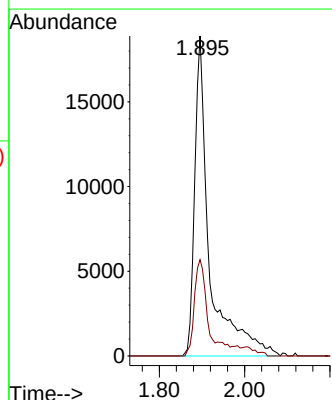
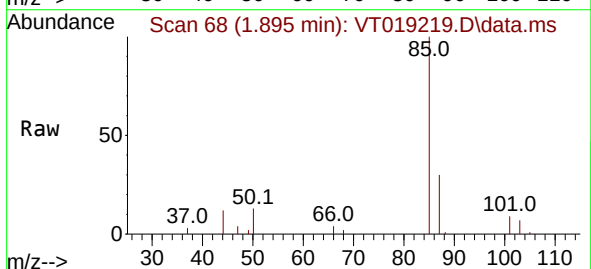
Acq: 31 Oct 2025 10:00

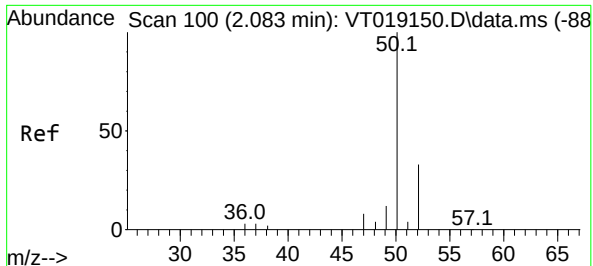
Tgt Ion: 85 Resp: 45629

Ion Ratio Lower Upper

85 100

87 30.1 16.8 50.4

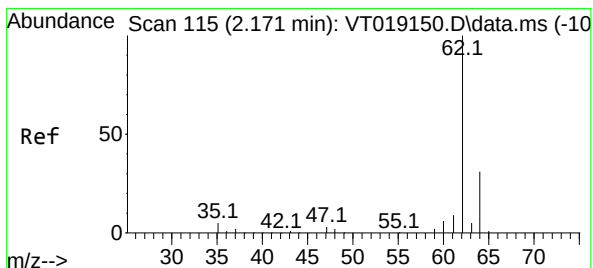
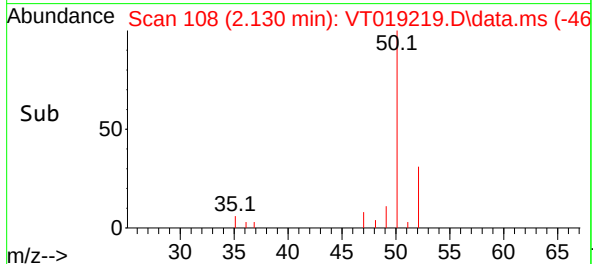
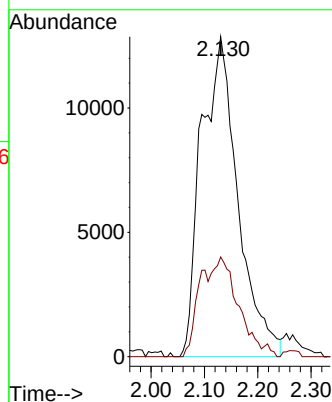
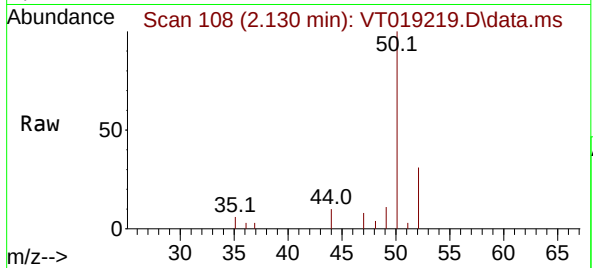




#3
Chloromethane
Concen: 45.042 ug/l
RT: 2.130 min Scan# 10
Delta R.T. 0.064 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

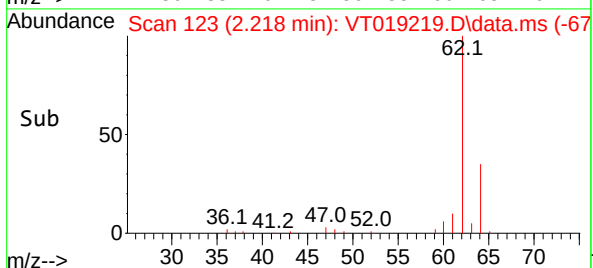
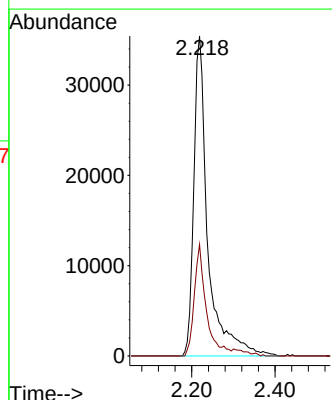
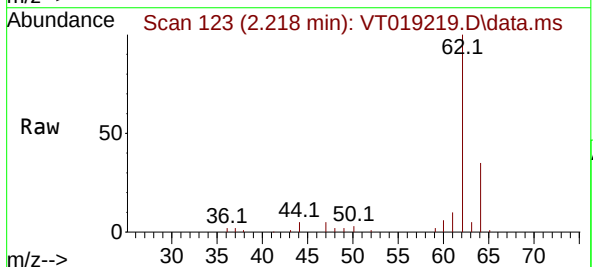
Instrument :
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ClientSampleId :
VSTDCCC050

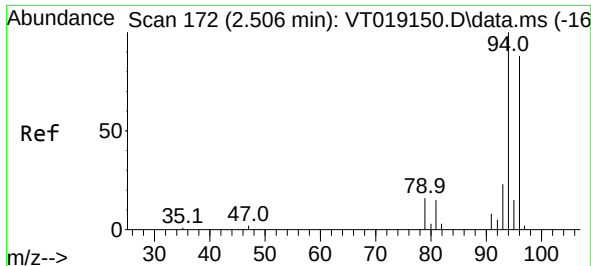
Tgt Ion: 50 Resp: 61511
Ion Ratio Lower Upper
50 100
52 31.2 26.5 39.7



#4
Vinyl Chloride
Concen: 47.441 ug/l
RT: 2.218 min Scan# 123
Delta R.T. 0.029 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 62 Resp: 82873
Ion Ratio Lower Upper
62 100
64 34.9 25.2 37.8

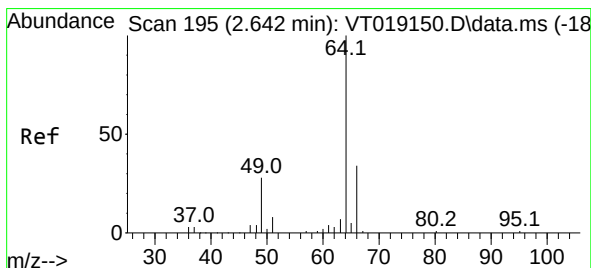
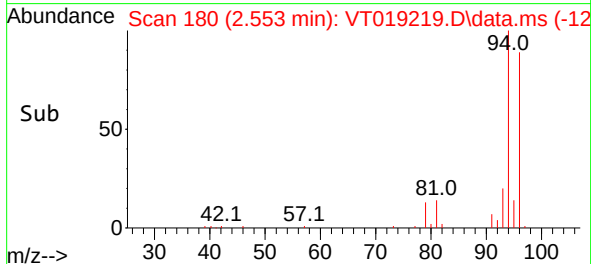
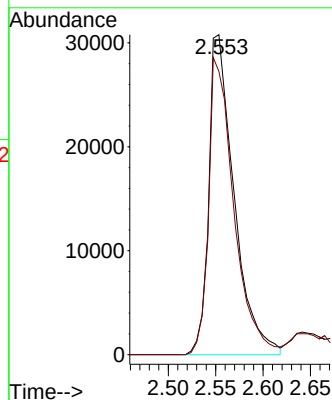
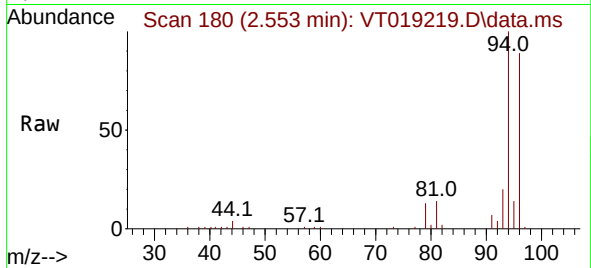




#5
Bromomethane
Concen: 60.772 ug/l
RT: 2.553 min Scan# 11
Delta R.T. 0.035 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

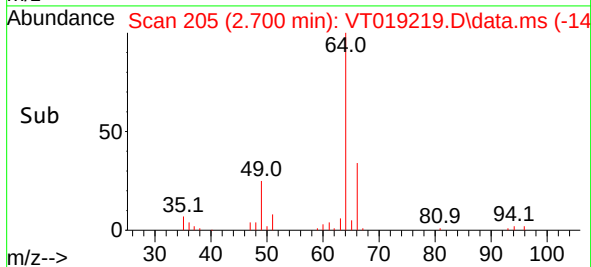
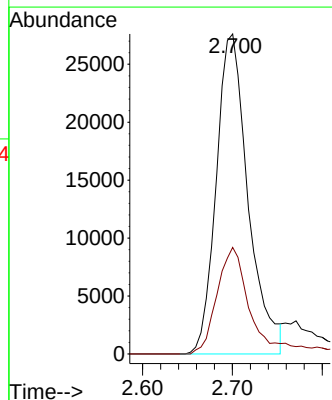
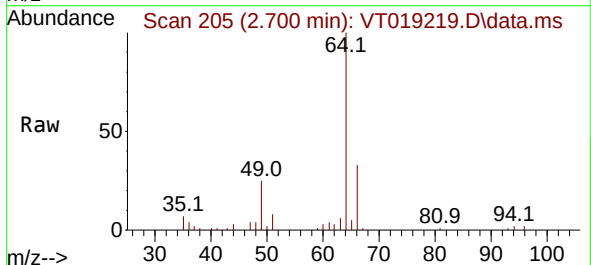
Instrument :
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VSTDCCC050

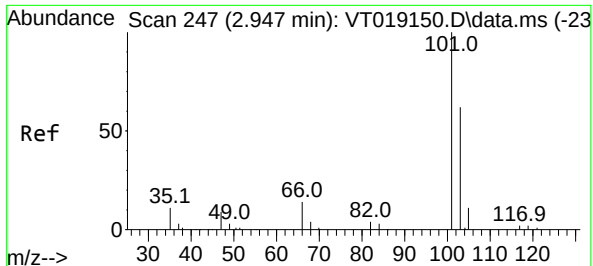
Tgt Ion: 94 Resp: 57184
Ion Ratio Lower Upper
94 100
96 88.5 70.8 106.2



#6
Chloroethane
Concen: 42.886 ug/l
RT: 2.700 min Scan# 205
Delta R.T. 0.041 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 64 Resp: 67973
Ion Ratio Lower Upper
64 100
66 33.3 26.9 40.3

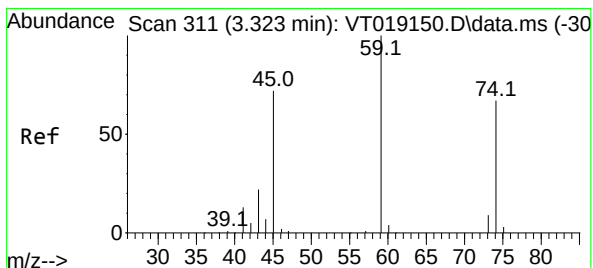
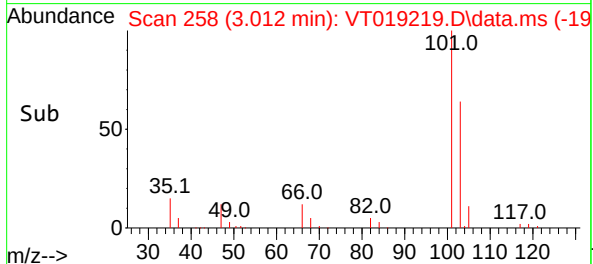
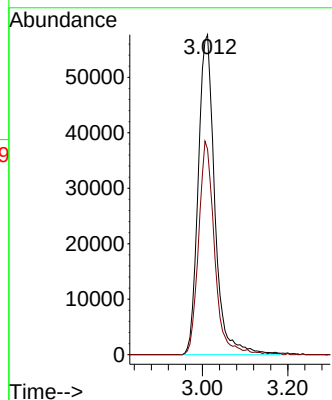
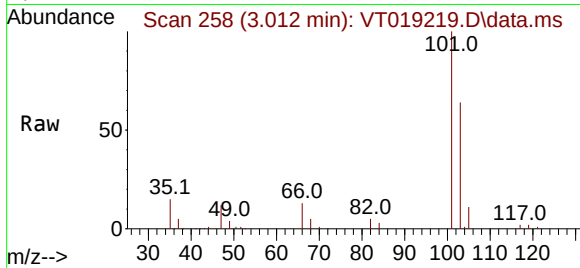




#7
 Trichlorofluoromethane
 Concen: 48.110 ug/l
 RT: 3.012 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: VT019219.D
 Acq: 31 Oct 2025 10:00

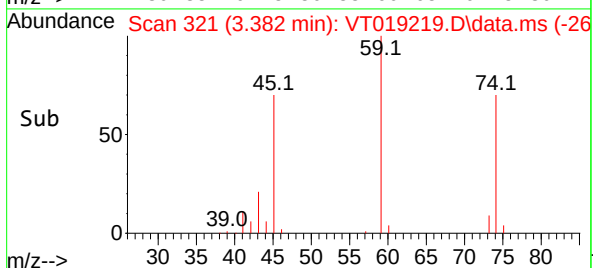
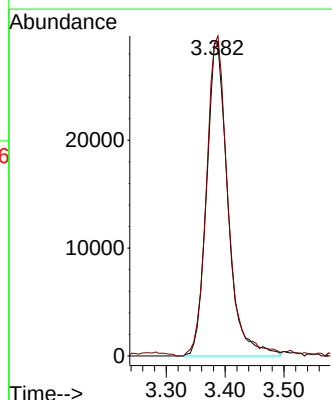
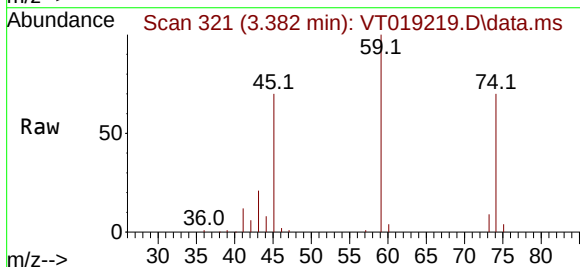
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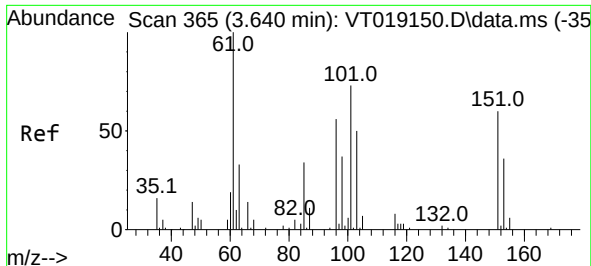
Tgt Ion:101 Resp: 155600
 Ion Ratio Lower Upper
 101 100
 103 64.2 49.9 74.9



#8
 Diethyl Ether
 Concen: 47.186 ug/l
 RT: 3.382 min Scan# 321
 Delta R.T. 0.047 min
 Lab File: VT019219.D
 Acq: 31 Oct 2025 10:00

Tgt Ion: 74 Resp: 73195
 Ion Ratio Lower Upper
 74 100
 45 102.8 52.3 156.8

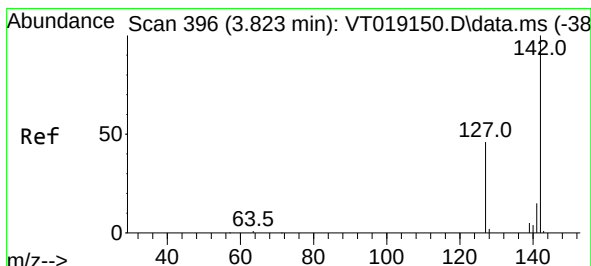
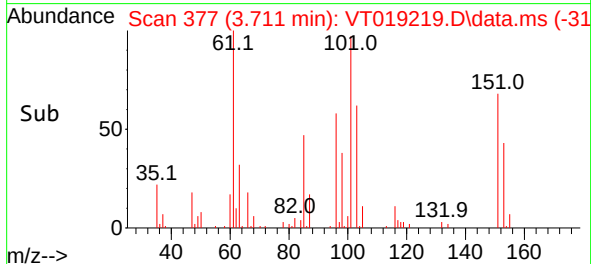
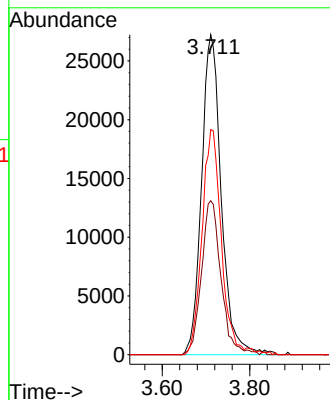
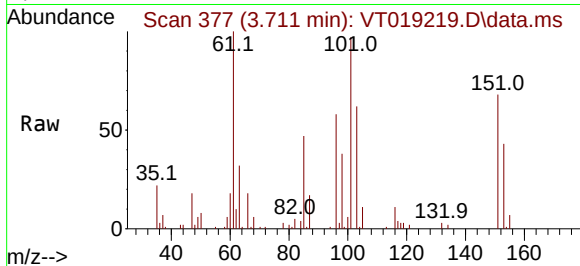




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.585 ug/l
RT: 3.711 min Scan# 31
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

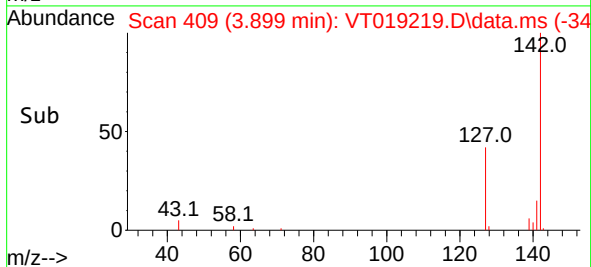
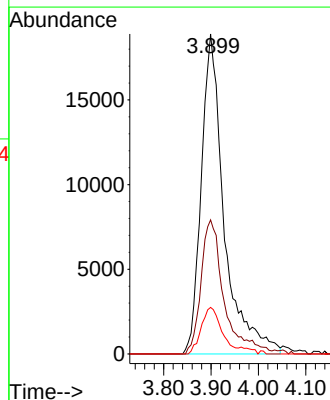
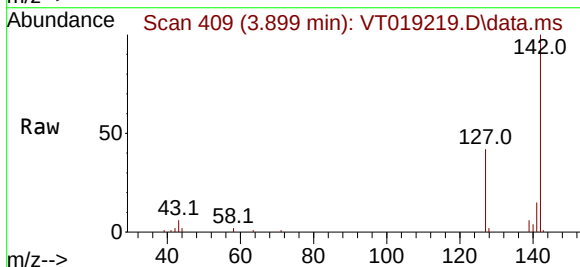
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VSTDCCC050

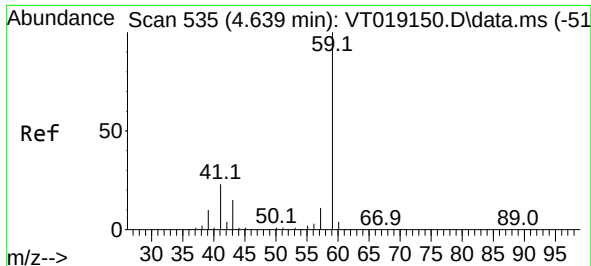
Tgt Ion:101 Resp: 85653
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 68.1 63.8 95.6



#10
Methyl Iodide
Concen: 49.765 ug/l
RT: 3.899 min Scan# 409
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion:142 Resp: 63222
Ion Ratio Lower Upper
142 100
127 42.0 35.0 52.4
141 13.0 11.4 17.2

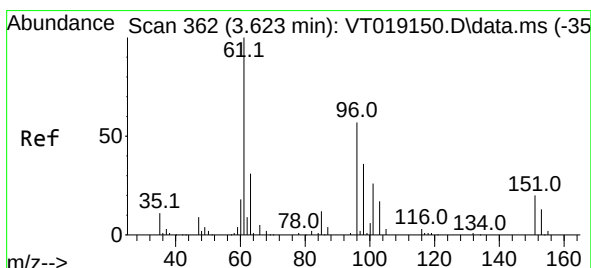
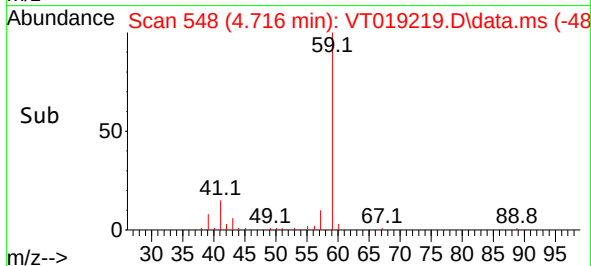
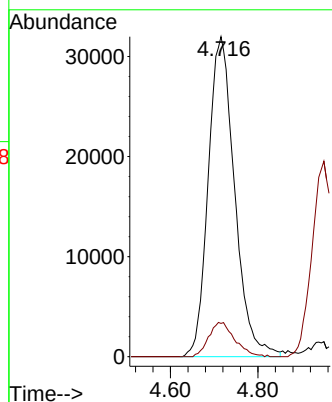
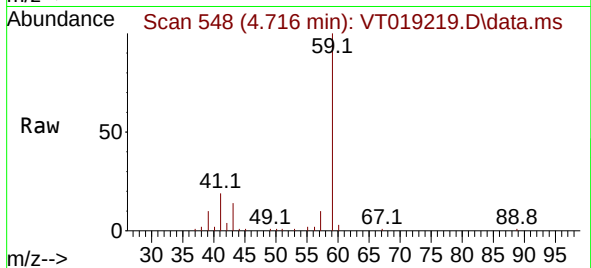




#11
Tert butyl alcohol
Concen: 260.368 ug/l
RT: 4.716 min Scan# 54
Delta R.T. 0.077 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

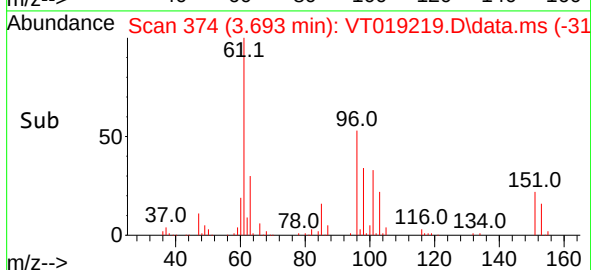
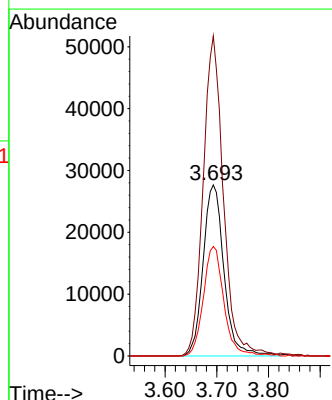
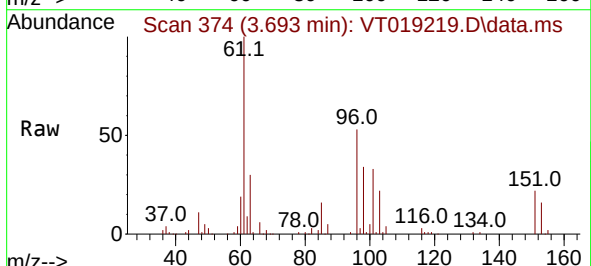
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

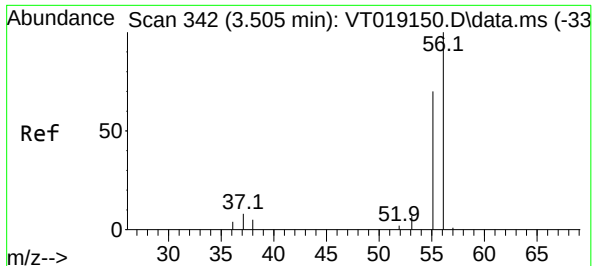
Tgt Ion: 59 Resp: 133942
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1



#12
1,1-Dichloroethene
Concen: 53.509 ug/l
RT: 3.693 min Scan# 374
Delta R.T. 0.058 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 96 Resp: 77578
Ion Ratio Lower Upper
96 100
61 187.0 141.4 212.2
98 63.9 50.7 76.1





#13

Acrolein

Concen: 226.054 ug/l

RT: 3.570 min Scan# 3

Delta R.T. 0.053 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

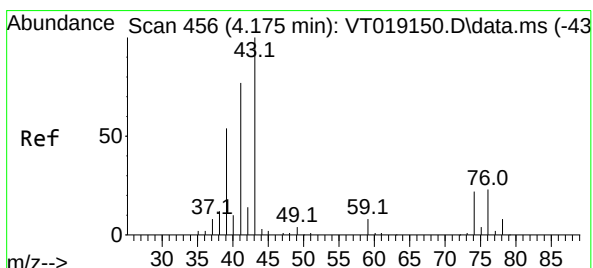
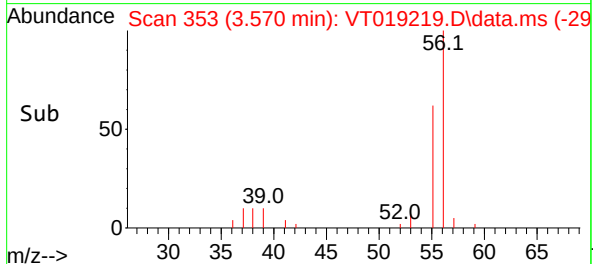
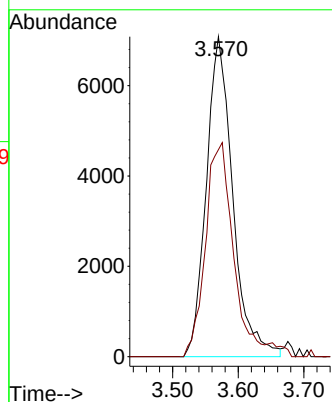
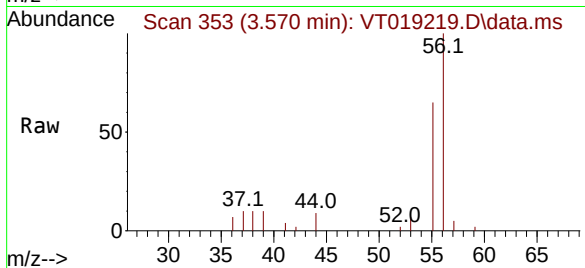
VSTDCCC050

Tgt Ion: 56 Resp: 19838

Ion Ratio Lower Upper

56 100

55 69.7 59.4 89.0



#14

Allyl chloride

Concen: 47.973 ug/l

RT: 4.257 min Scan# 470

Delta R.T. 0.070 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

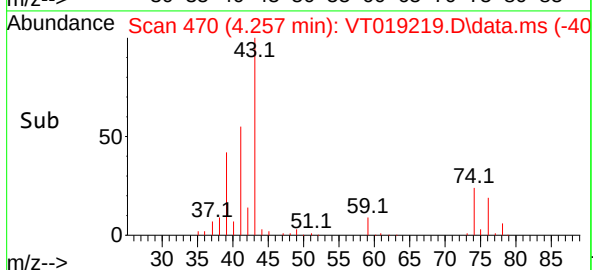
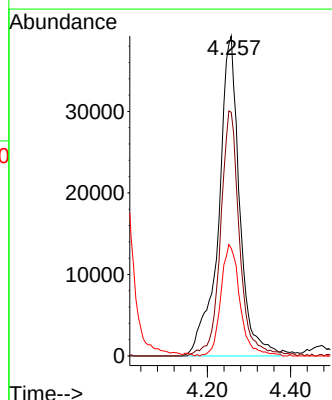
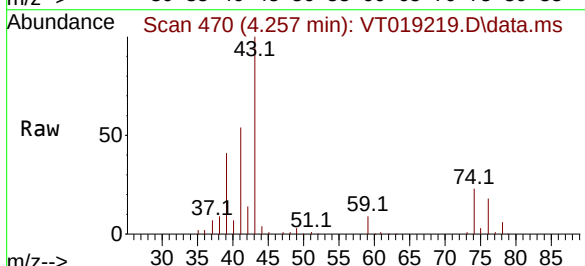
Tgt Ion: 41 Resp: 137173

Ion Ratio Lower Upper

41 100

39 69.7 49.9 74.9

76 31.8 20.8 31.2#

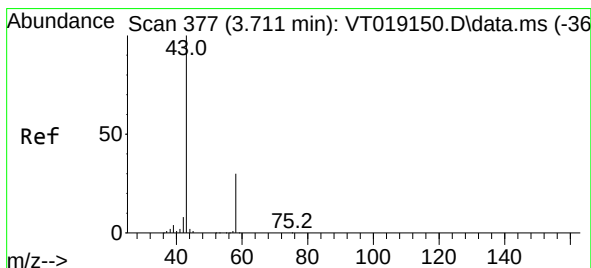
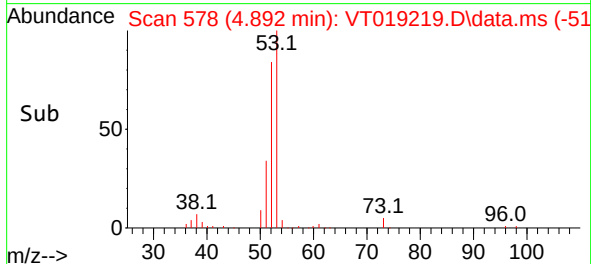
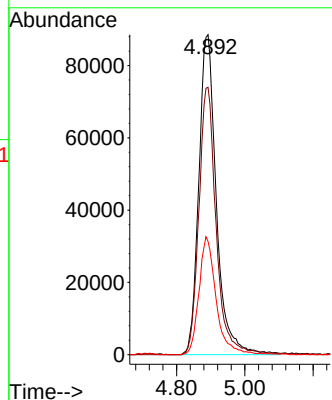
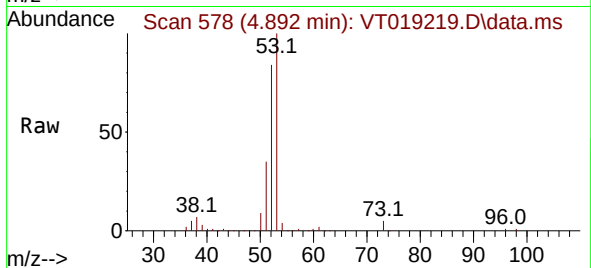




#15
Acrylonitrile
Concen: 252.457 ug/l
RT: 4.892 min Scan# 51
Delta R.T. 0.076 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

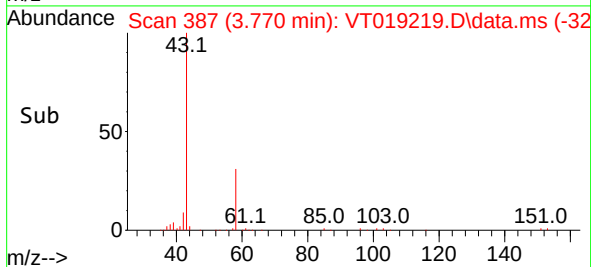
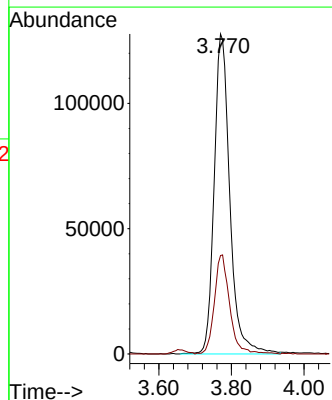
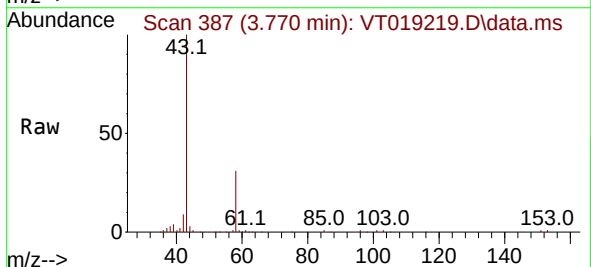
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

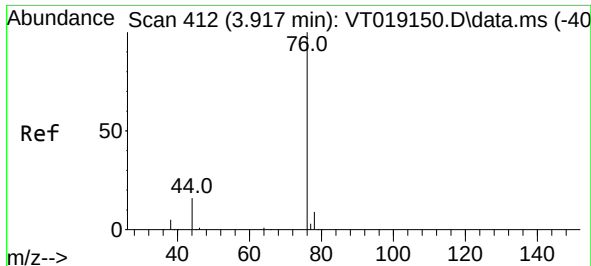
Tgt Ion: 53 Resp: 316730
Ion Ratio Lower Upper
53 100
52 82.4 65.9 98.9
51 35.9 29.4 44.2



#16
Acetone
Concen: 266.107 ug/l
RT: 3.770 min Scan# 387
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 43 Resp: 382623
Ion Ratio Lower Upper
43 100
58 30.7 23.8 35.8

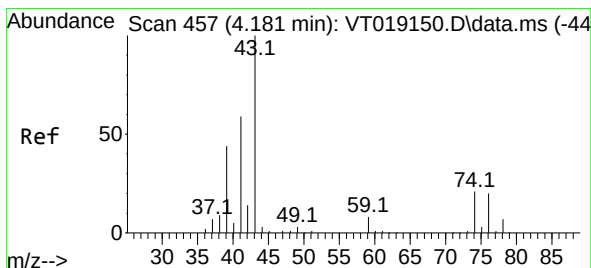
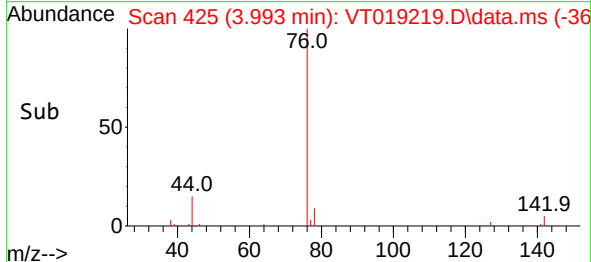
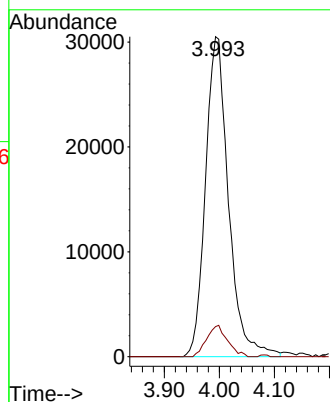
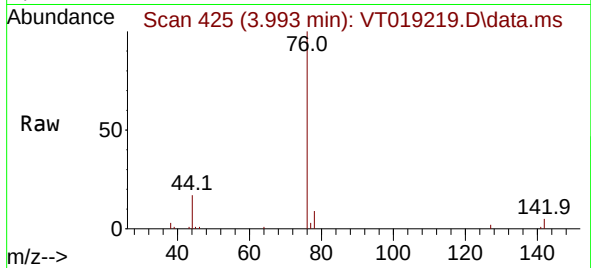




#17
Carbon Disulfide
Concen: 44.939 ug/l
RT: 3.993 min Scan# 41
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

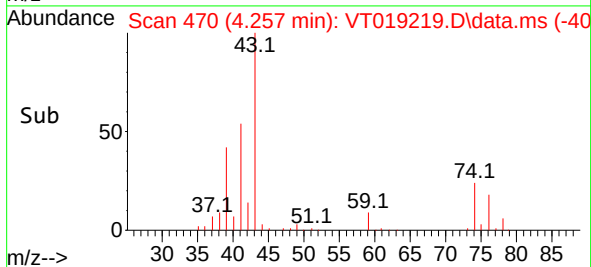
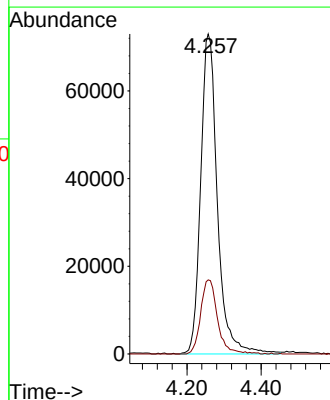
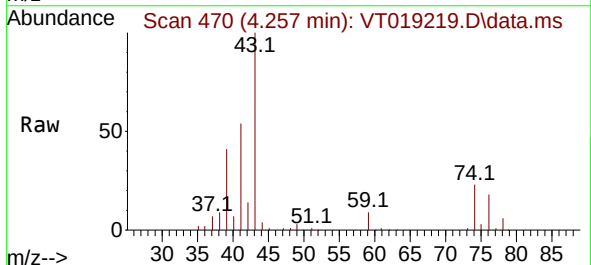
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

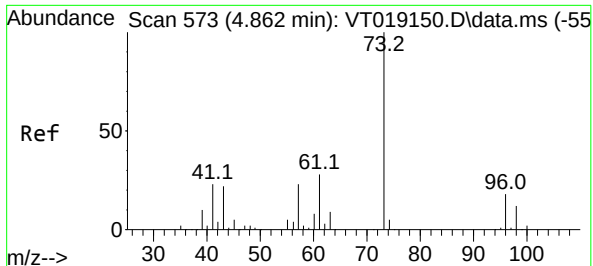
Tgt Ion: 76 Resp: 88557
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 53.504 ug/l
RT: 4.257 min Scan# 470
Delta R.T. 0.064 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 43 Resp: 227863
Ion Ratio Lower Upper
43 100
74 23.4 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 49.077 ug/l

RT: 4.951 min Scan# 507

Delta R.T. 0.083 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

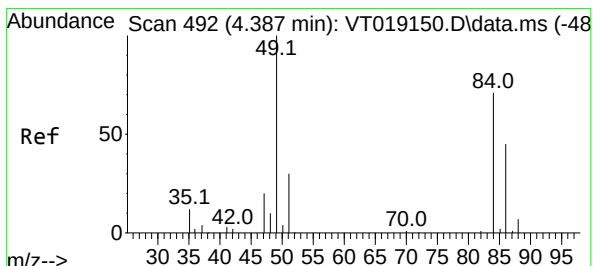
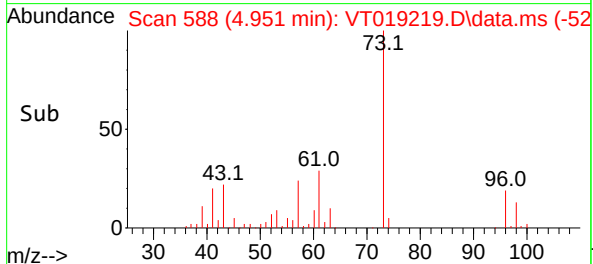
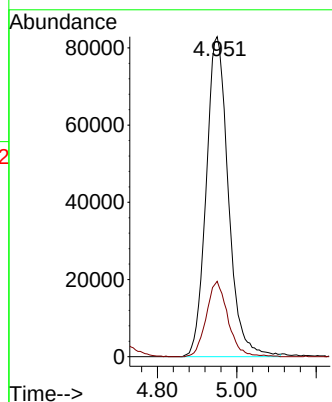
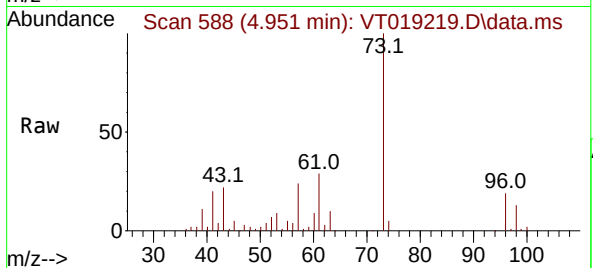
VSTDCCC050

Tgt Ion: 73 Resp: 321397

Ion Ratio Lower Upper

73 100

57 23.6 18.8 28.2



#20

Methylene Chloride

Concen: 46.523 ug/l

RT: 4.475 min Scan# 507

Delta R.T. 0.077 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Tgt Ion: 84 Resp: 75277

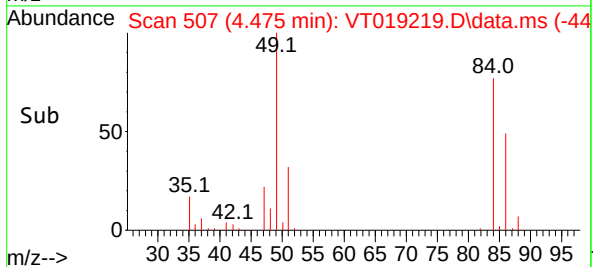
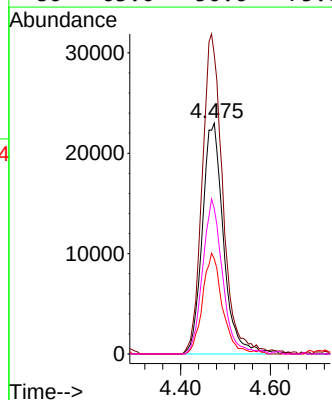
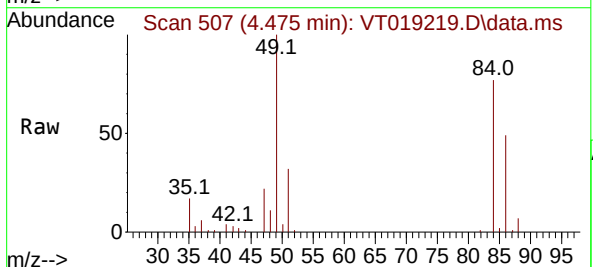
Ion Ratio Lower Upper

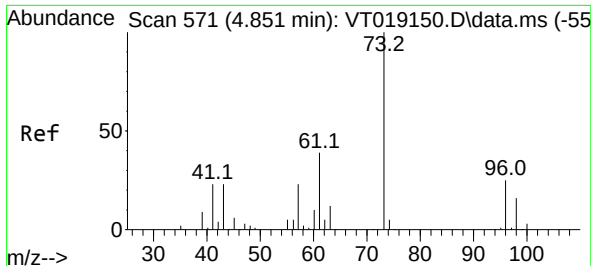
84 100

49 129.6 113.1 169.7

51 41.2 33.6 50.4

86 63.0 50.6 75.8

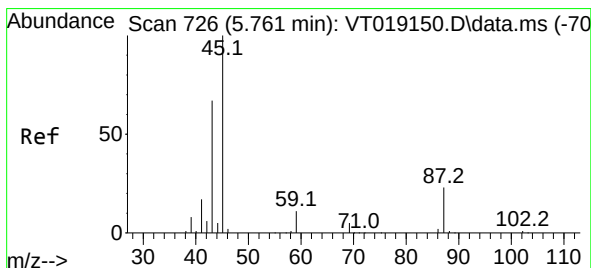
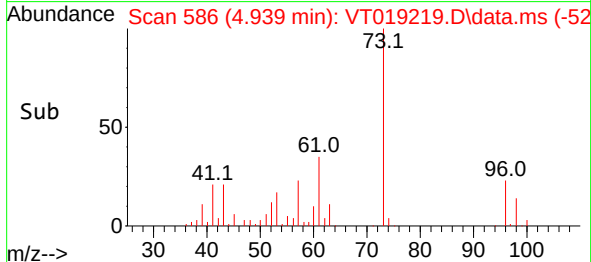
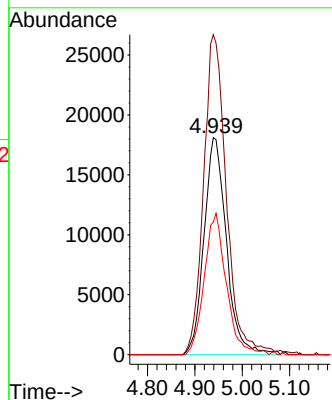
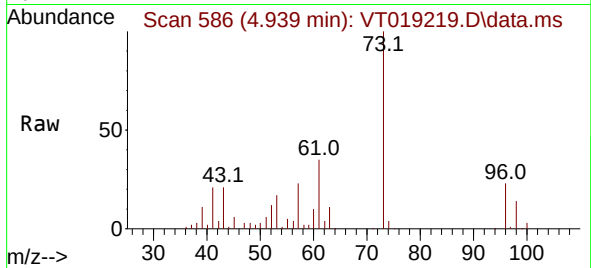




#21
trans-1,2-Dichloroethene
Concen: 48.297 ug/l
RT: 4.939 min Scan# 51
Delta R.T. 0.077 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

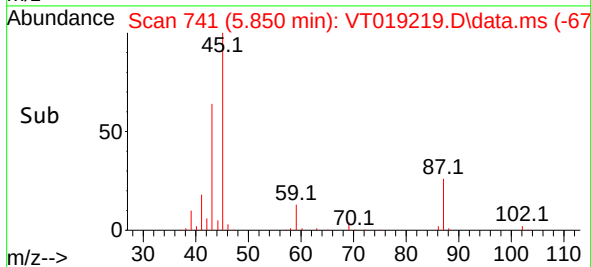
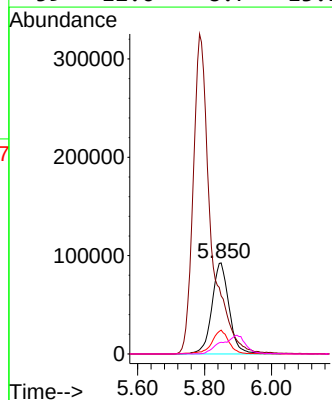
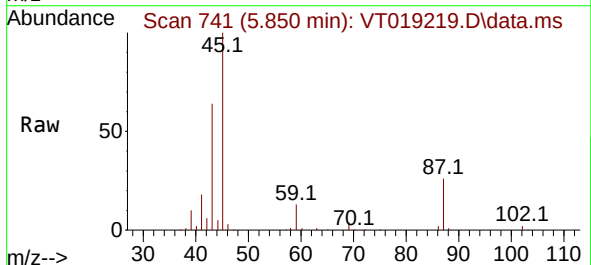
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

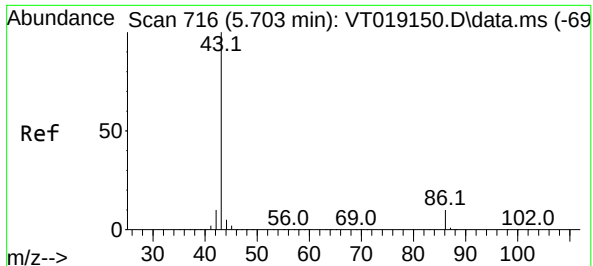
Tgt Ion: 96 Resp: 59632
Ion Ratio Lower Upper
96 100
61 147.4 124.6 187.0
98 61.1 50.9 76.3



#22
Diisopropyl ether
Concen: 48.687 ug/l
RT: 5.850 min Scan# 741
Delta R.T. 0.077 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 45 Resp: 330501
Ion Ratio Lower Upper
45 100
43 62.9 54.2 81.4
87 26.2 18.9 28.3
59 12.6 8.7 13.1

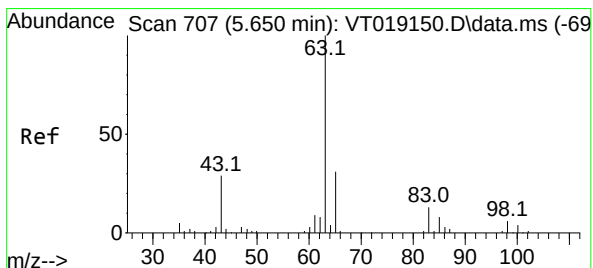
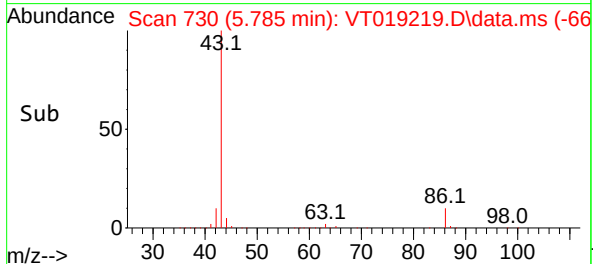
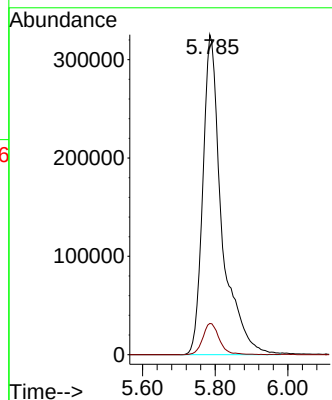
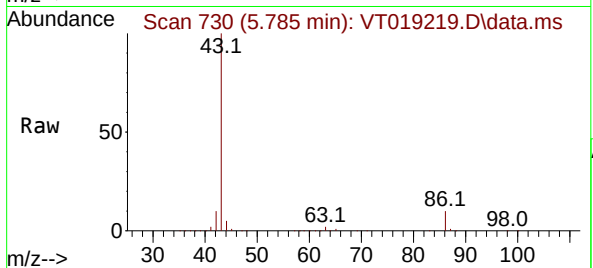




#23
 Vinyl Acetate
 Concen: 243.473 ug/l
 RT: 5.785 min Scan# 716
 Delta R.T. 0.076 min
 Lab File: VT019219.D
 Acq: 31 Oct 2025 10:00

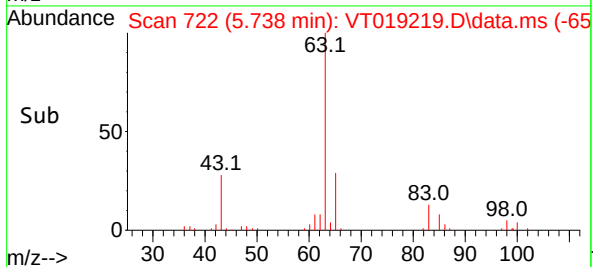
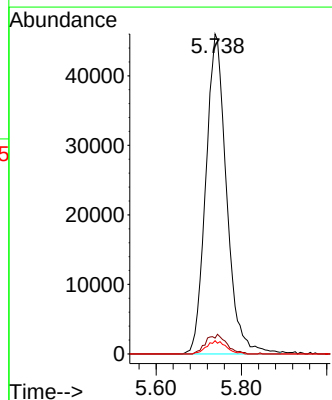
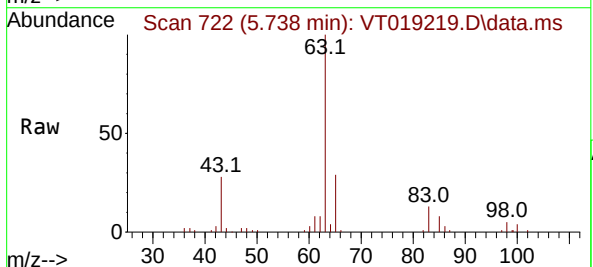
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

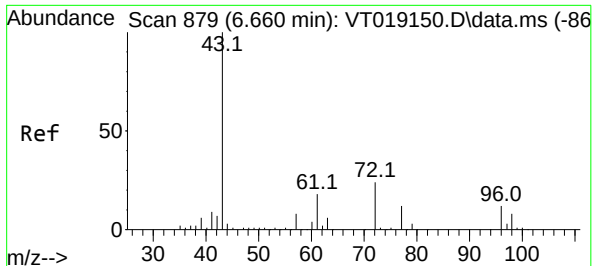
Tgt Ion: 43 Resp: 1180768
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 48.970 ug/l
 RT: 5.738 min Scan# 722
 Delta R.T. 0.076 min
 Lab File: VT019219.D
 Acq: 31 Oct 2025 10:00

Tgt Ion: 63 Resp: 155510
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.1 9.4
 100 4.2 2.0 6.0





#25

2-Butanone

Concen: 240.507 ug/l

RT: 6.737 min Scan# 892

Delta R.T. 0.071 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

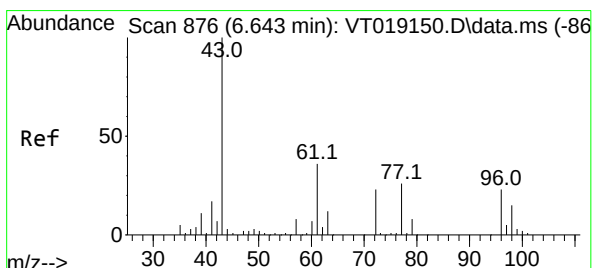
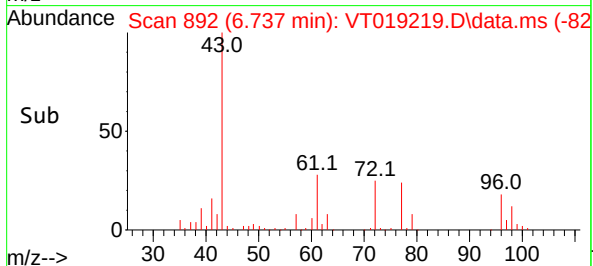
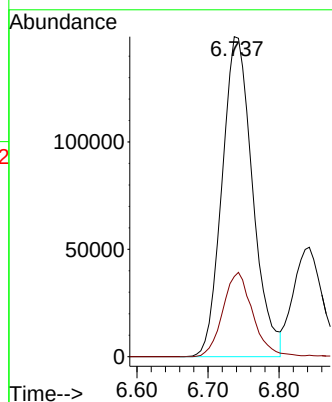
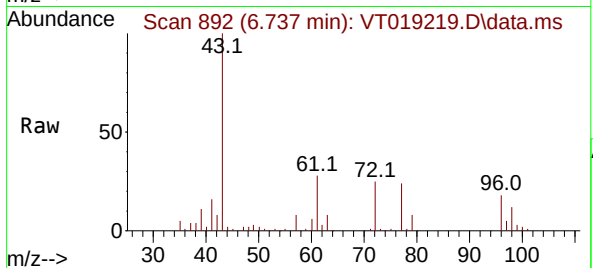
VSTDCCC050

Tgt Ion: 43 Resp: 445214

Ion Ratio Lower Upper

43 100

72 25.0 19.0 28.6



#26

2,2-Dichloropropane

Concen: 49.335 ug/l

RT: 6.731 min Scan# 891

Delta R.T. 0.076 min

Lab File: VT019219.D

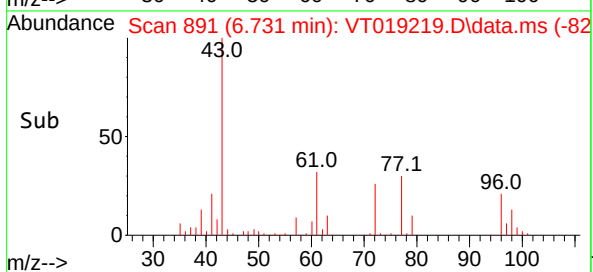
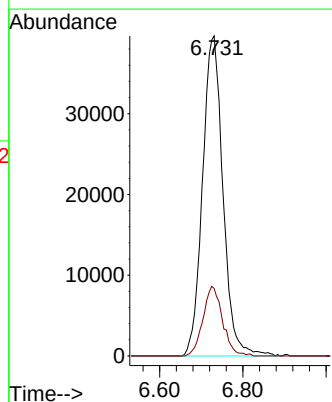
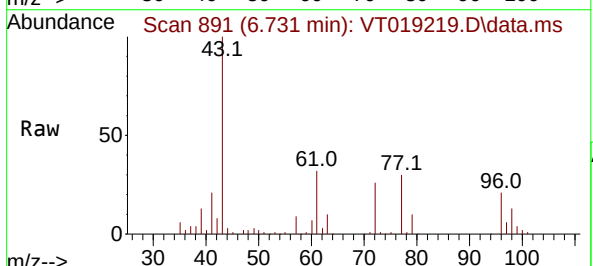
Acq: 31 Oct 2025 10:00

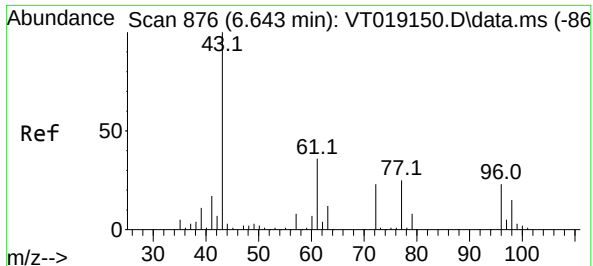
Tgt Ion: 77 Resp: 135187

Ion Ratio Lower Upper

77 100

97 20.8 10.7 32.1

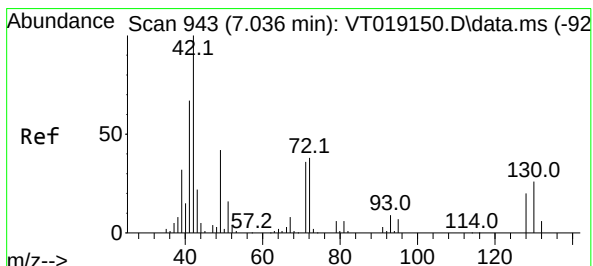
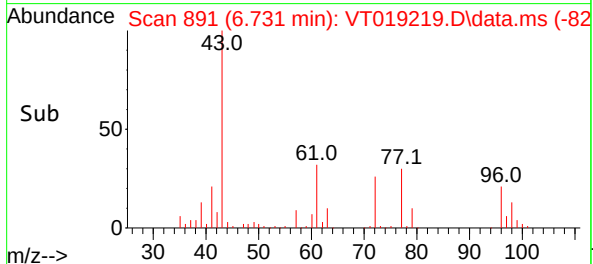
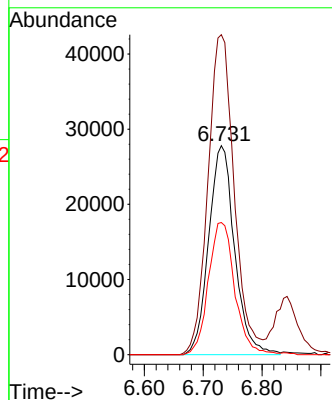
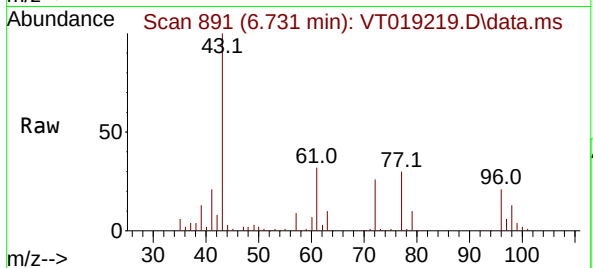




#27
 cis-1,2-Dichloroethene
 Concen: 49.148 ug/l
 RT: 6.731 min Scan# 891
 Delta R.T. 0.076 min
 Lab File: VT019219.D
 Acq: 31 Oct 2025 10:00

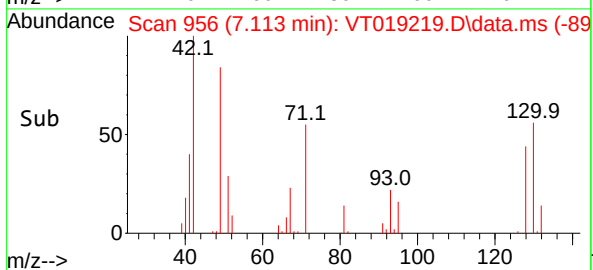
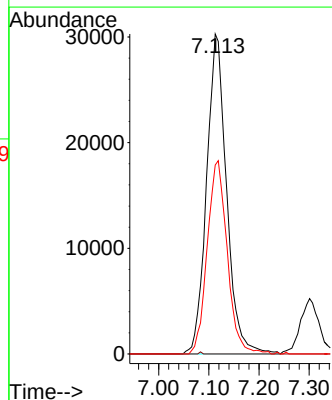
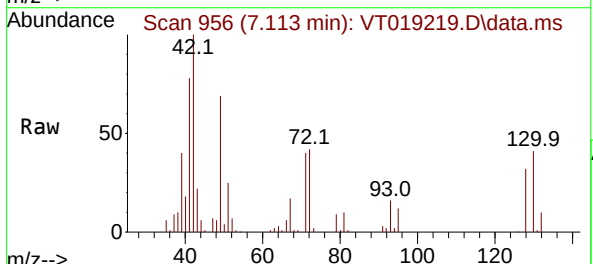
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 85158
 Ion Ratio Lower Upper
 96 100
 61 155.1 0.0 309.0
 98 64.2 0.0 128.4



#28
 Bromochloromethane
 Concen: 49.353 ug/l
 RT: 7.113 min Scan# 956
 Delta R.T. 0.071 min
 Lab File: VT019219.D
 Acq: 31 Oct 2025 10:00

Tgt Ion: 49 Resp: 83759
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 0.0
 130 60.5 48.6 73.0





#29

Tetrahydrofuran

Concen: 247.853 ug/l

RT: 7.136 min Scan# 90

Delta R.T. 0.070 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

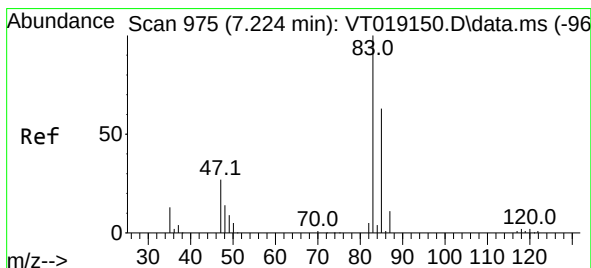
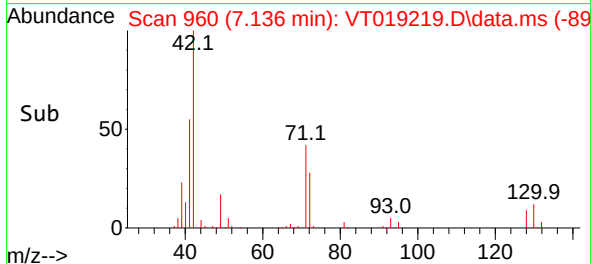
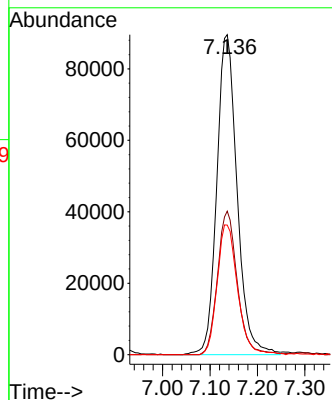
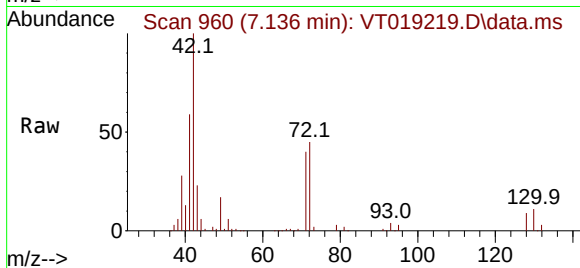
Tgt Ion: 42 Resp: 266951

Ion Ratio Lower Upper

42 100

72 43.6 30.1 45.1

71 40.7 28.4 42.6



#30

Chloroform

Concen: 48.045 ug/l

RT: 7.301 min Scan# 988

Delta R.T. 0.071 min

Lab File: VT019219.D

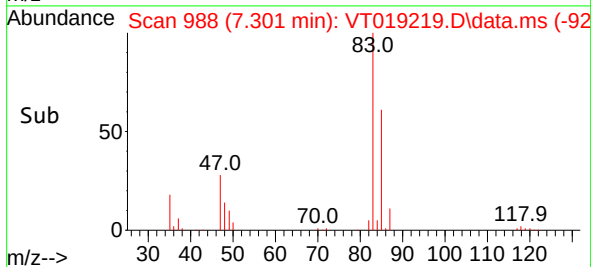
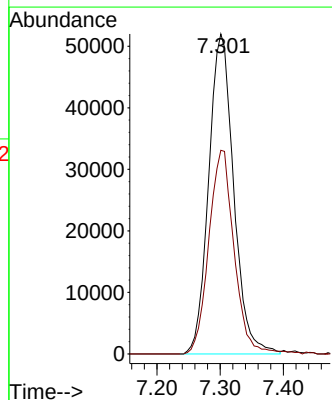
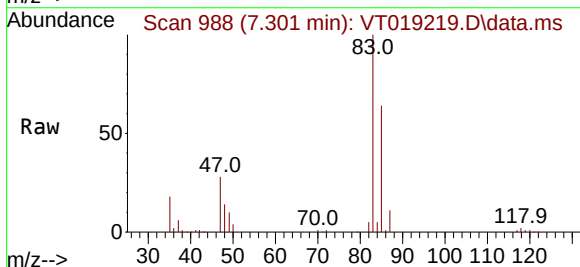
Acq: 31 Oct 2025 10:00

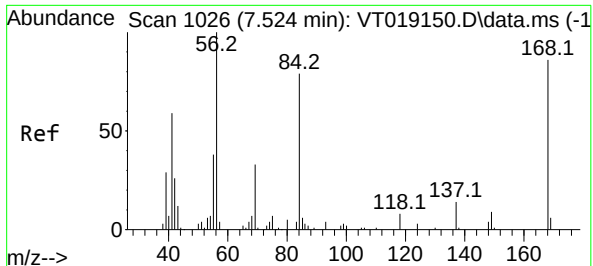
Tgt Ion: 83 Resp: 142842

Ion Ratio Lower Upper

83 100

85 63.6 50.6 76.0

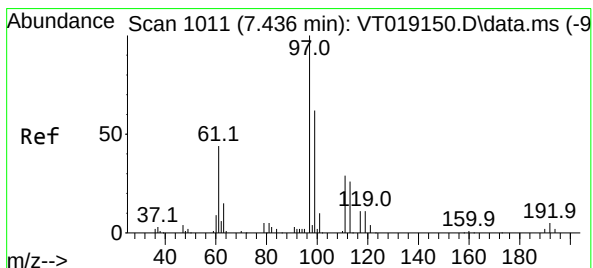
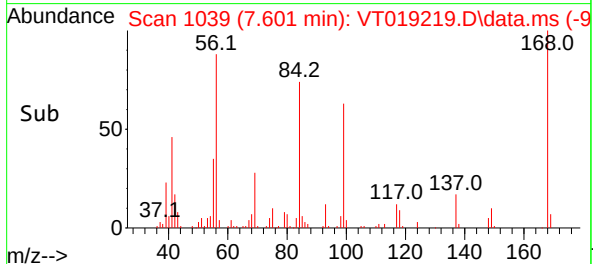
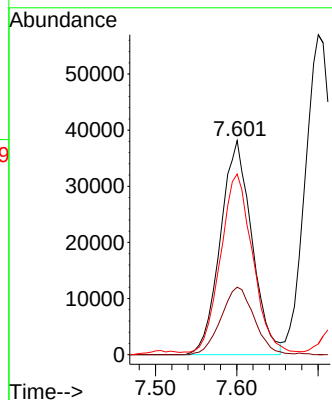
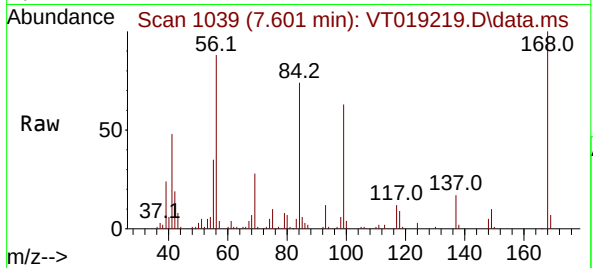




#31
Cyclohexane
Concen: 43.507 ug/l
RT: 7.601 min Scan# 1023
Delta R.T. 0.065 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

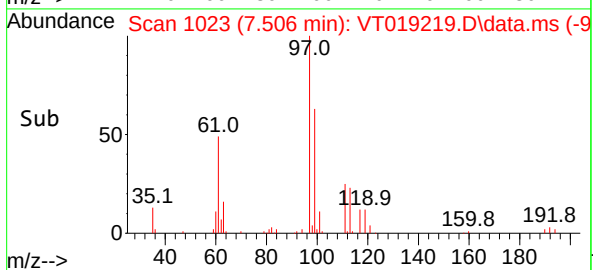
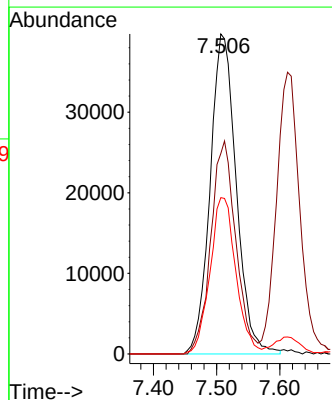
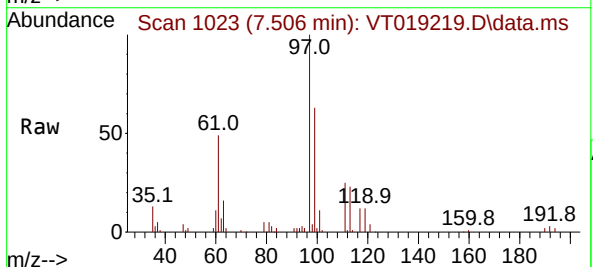
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

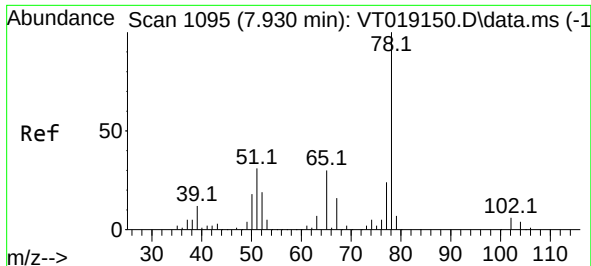
Tgt Ion: 56 Resp: 102737
Ion Ratio Lower Upper
56 100
69 31.5 26.1 39.1
84 83.3 63.6 95.4



#32
1,1,1-Trichloroethane
Concen: 48.157 ug/l
RT: 7.506 min Scan# 1023
Delta R.T. 0.064 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 97 Resp: 113970
Ion Ratio Lower Upper
97 100
99 63.6 50.5 75.7
61 48.4 37.1 55.7

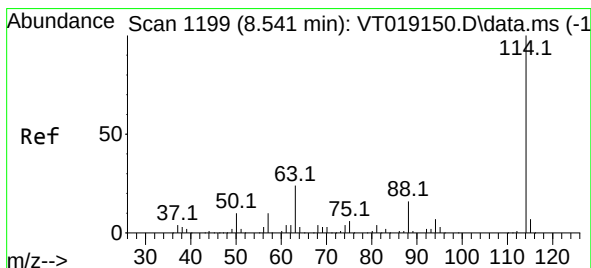
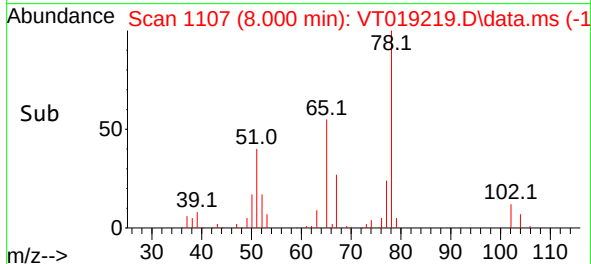
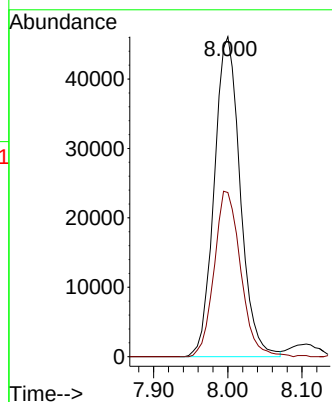
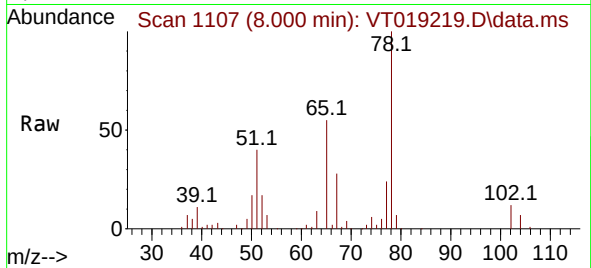




#33
 1,2-Dichloroethane-d4
 Concen: 46.337 ug/l
 RT: 8.000 min Scan# 1107
 Delta R.T. 0.065 min
 Lab File: VT019219.D
 Acq: 31 Oct 2025 10:00

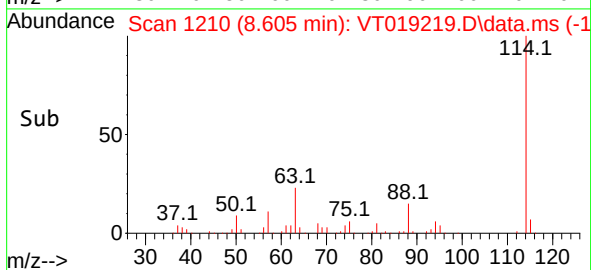
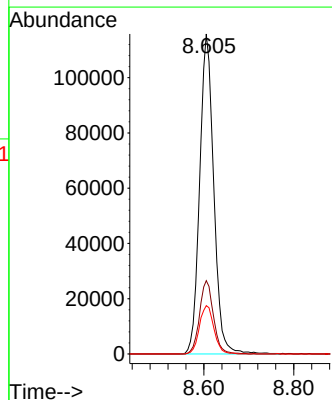
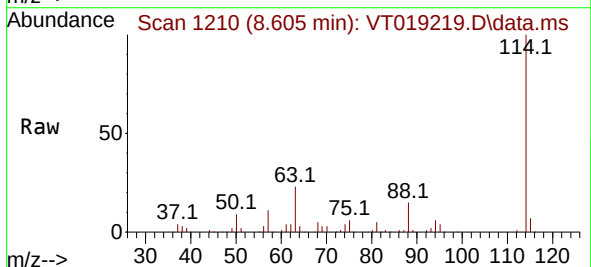
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 112146
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.605 min Scan# 1210
 Delta R.T. 0.058 min
 Lab File: VT019219.D
 Acq: 31 Oct 2025 10:00

Tgt Ion: 114 Resp: 251853
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 15.1 0.0 32.6

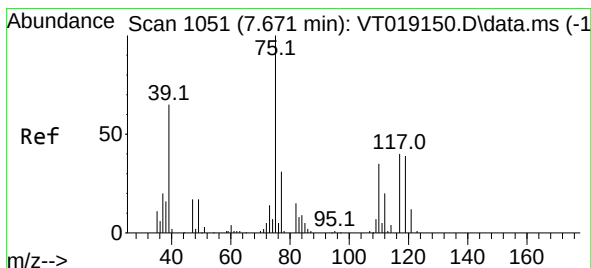
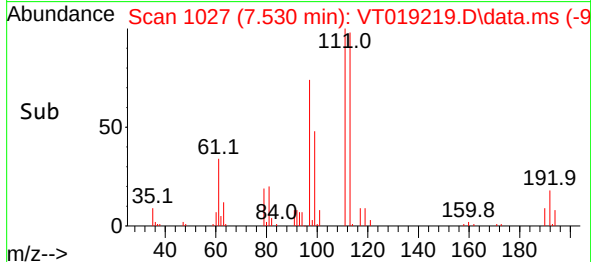
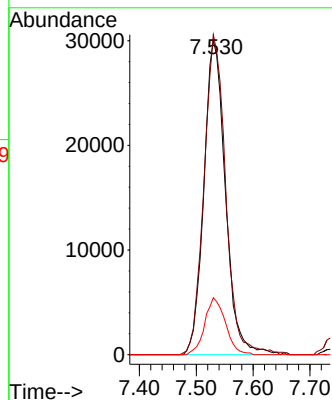
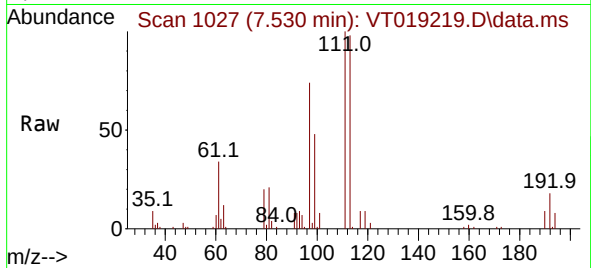




#35
Dibromofluoromethane
Concen: 49.519 ug/l
RT: 7.530 min Scan# 1064
Delta R.T. 0.065 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

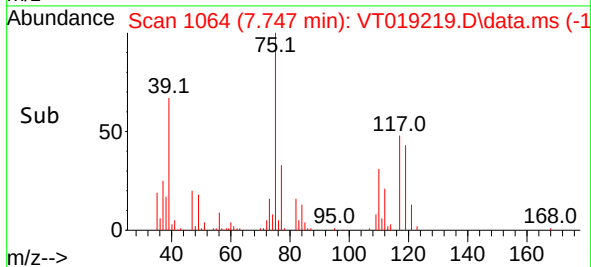
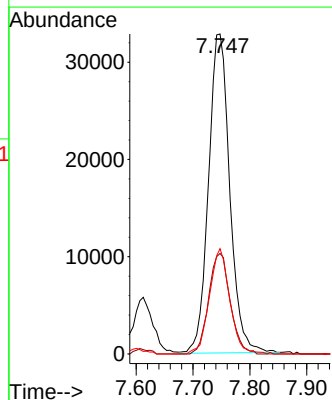
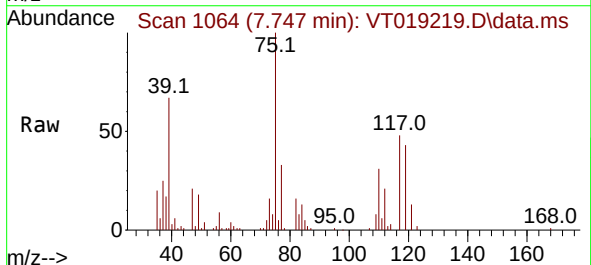
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

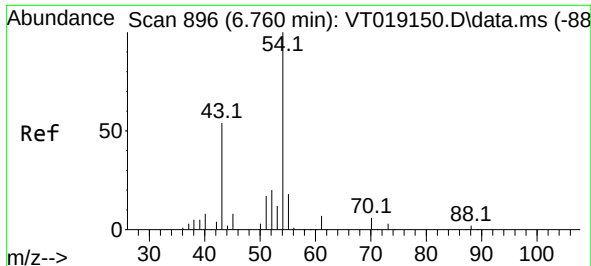
Tgt Ion:113 Resp: 78878
Ion Ratio Lower Upper
113 100
111 102.8 81.6 122.4
192 17.5 15.3 22.9



#36
1,1-Dichloropropene
Concen: 47.459 ug/l
RT: 7.747 min Scan# 1064
Delta R.T. 0.064 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 75 Resp: 85033
Ion Ratio Lower Upper
75 100
110 31.9 16.1 48.2
77 31.6 25.1 37.7





#37

Ethyl Acetate

Concen: 50.647 ug/l

RT: 6.843 min Scan# 91

Delta R.T. 0.077 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

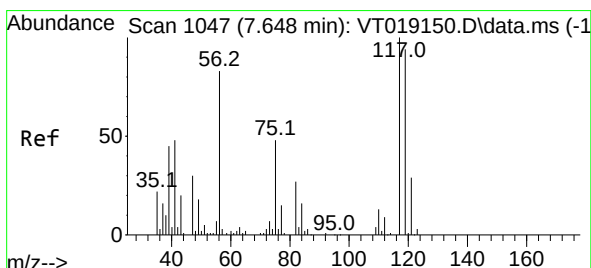
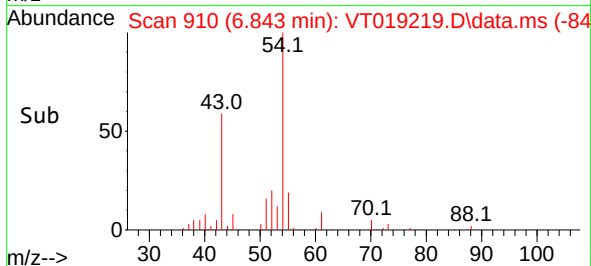
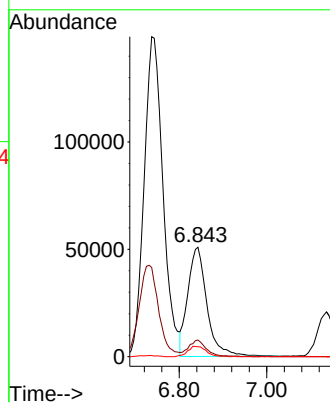
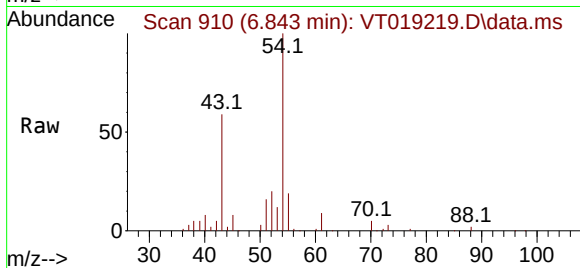
Tgt Ion: 43 Resp: 154477

Ion Ratio Lower Upper

43 100

61 14.4 10.0 15.0

70 9.1 7.3 10.9



#38

Carbon Tetrachloride

Concen: 50.335 ug/l

RT: 7.730 min Scan# 1061

Delta R.T. 0.071 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

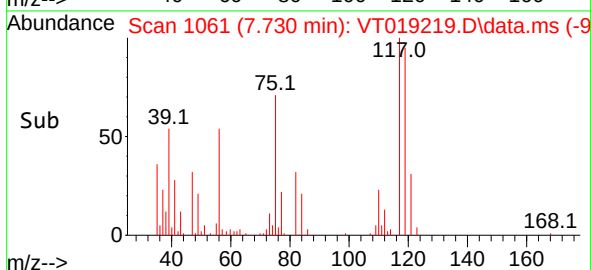
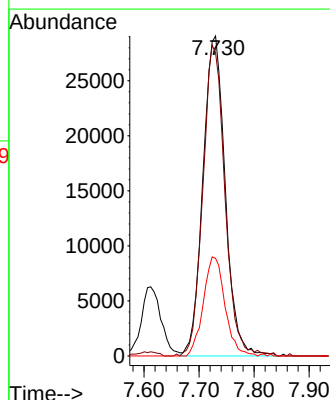
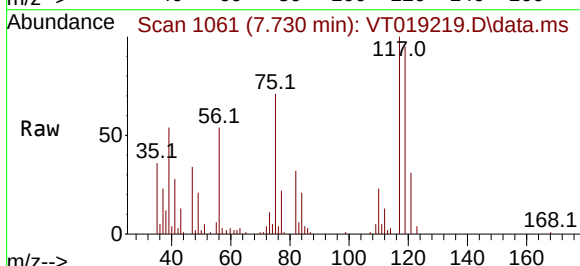
Tgt Ion: 117 Resp: 82002

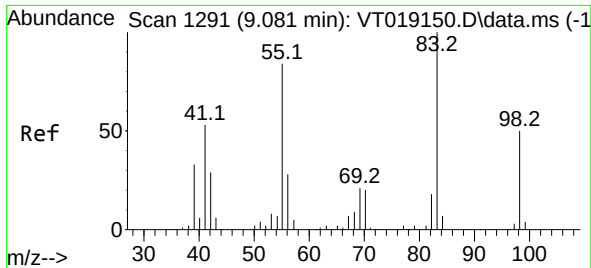
Ion Ratio Lower Upper

117 100

119 94.8 75.0 112.6

121 30.5 23.3 34.9

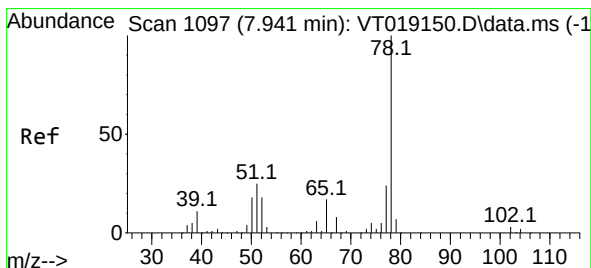
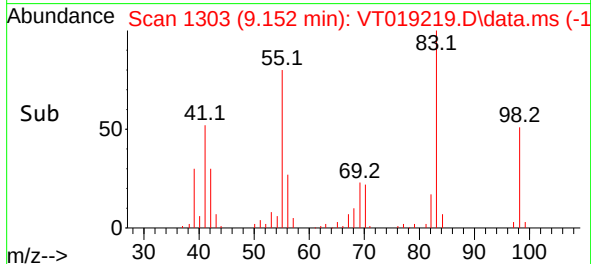
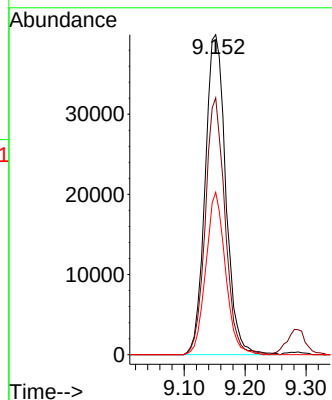
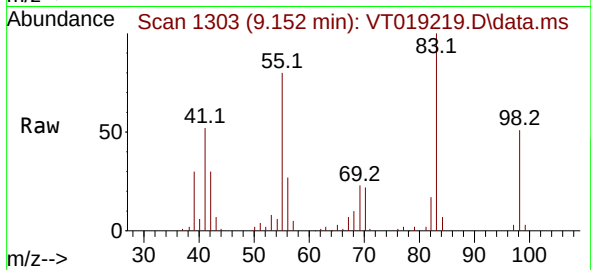




#39
Methylcyclohexane
Concen: 47.459 ug/l
RT: 9.152 min Scan# 1109
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

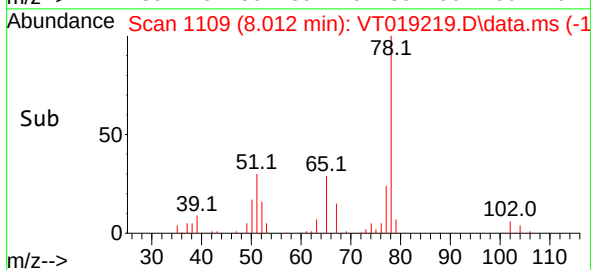
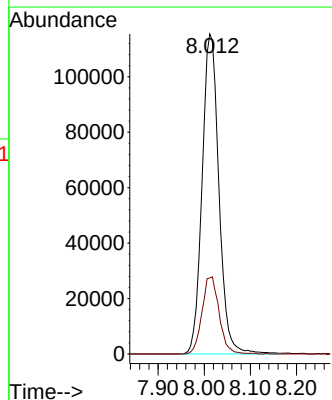
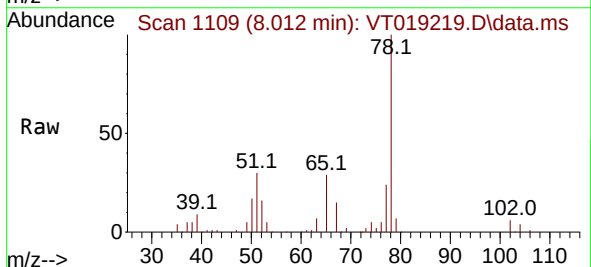
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

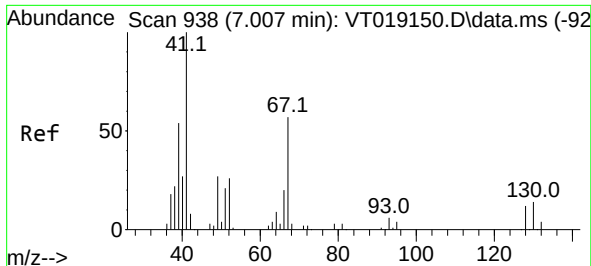
Tgt Ion: 83 Resp: 93955
Ion Ratio Lower Upper
83 100
55 80.2 67.5 101.3
98 50.8 39.9 59.9



#40
Benzene
Concen: 48.396 ug/l
RT: 8.012 min Scan# 1109
Delta R.T. 0.065 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 78 Resp: 293529
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7

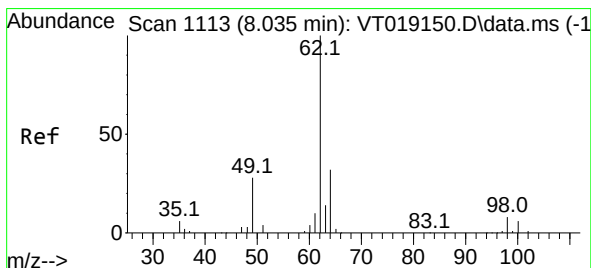
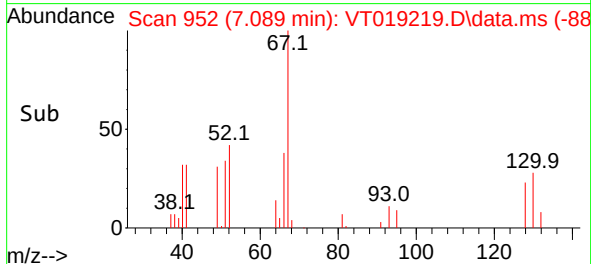
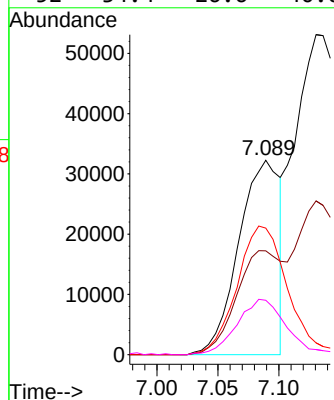
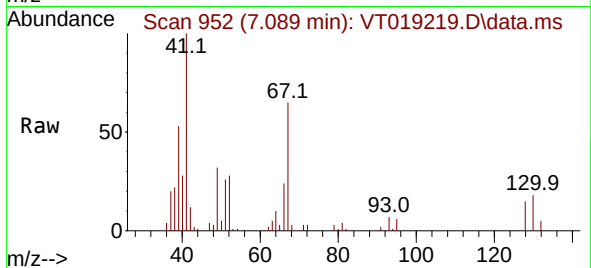




#41
Methacrylonitrile
Concen: 49.553 ug/l
RT: 7.089 min Scan# 91
Delta R.T. 0.070 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

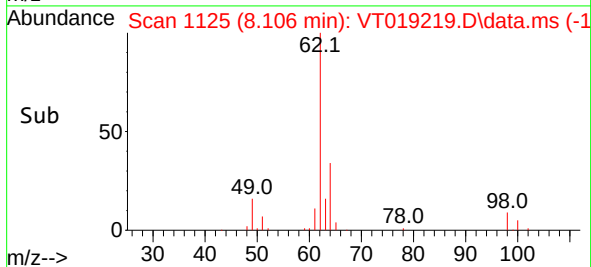
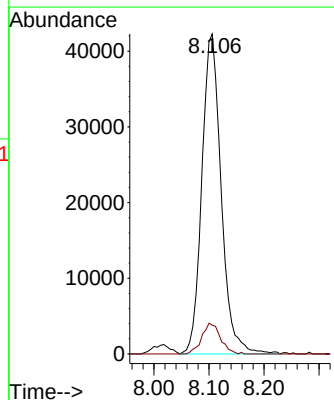
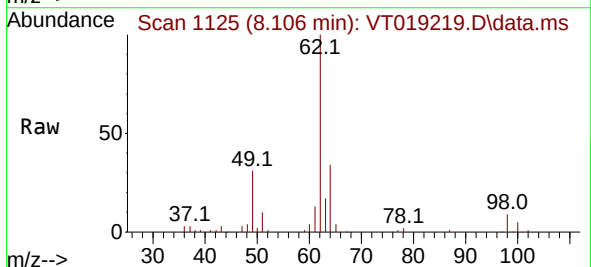
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

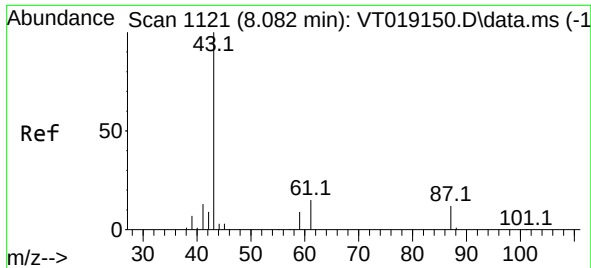
Tgt Ion: 41	Resp: 76039
Ion Ratio	Lower Upper
41 100	
39 63.0	49.8 74.6
67 82.2	60.0 90.0
52 34.4	26.6 40.0



#42
1,2-Dichloroethane
Concen: 48.346 ug/l
RT: 8.106 min Scan# 1125
Delta R.T. 0.065 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 62	Resp: 103041
Ion Ratio	Lower Upper
62 100	
98 9.3	0.0 16.6

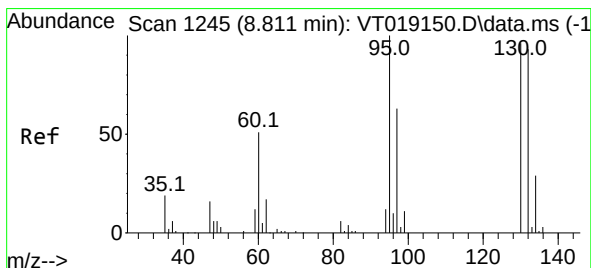
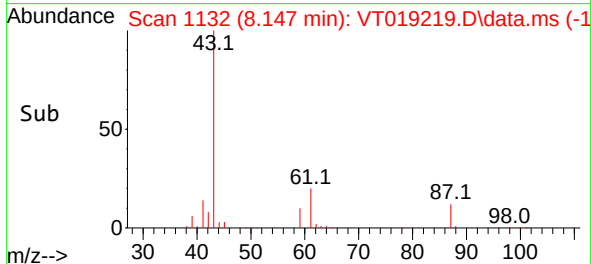
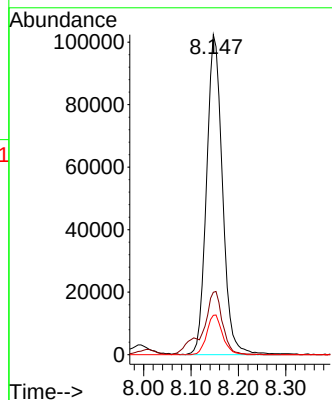
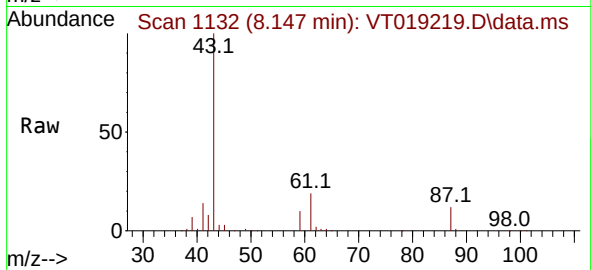




#43
Isopropyl Acetate
Concen: 49.236 ug/l
RT: 8.147 min Scan# 1121
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

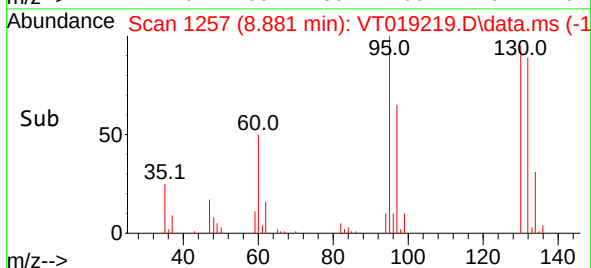
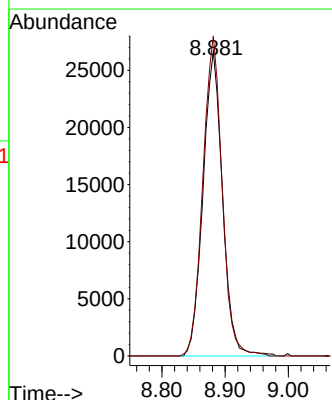
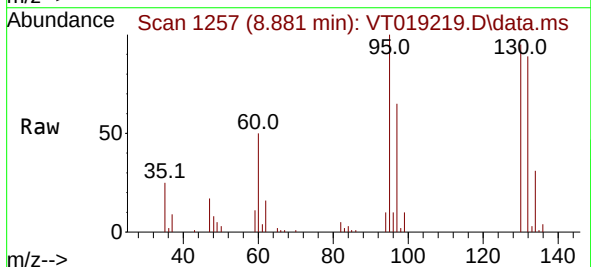
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

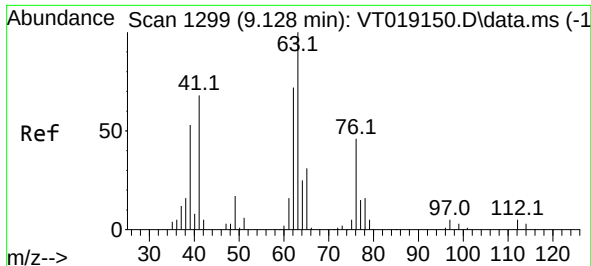
Tgt Ion: 43 Resp: 238795
Ion Ratio Lower Upper
43 100
61 24.4 14.8 22.2#
87 12.3 9.1 13.7



#44
Trichloroethene
Concen: 48.202 ug/l
RT: 8.881 min Scan# 1257
Delta R.T. 0.064 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion:130 Resp: 57147
Ion Ratio Lower Upper
130 100
95 105.1 0.0 207.8

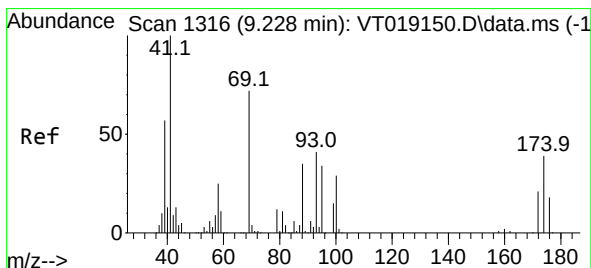
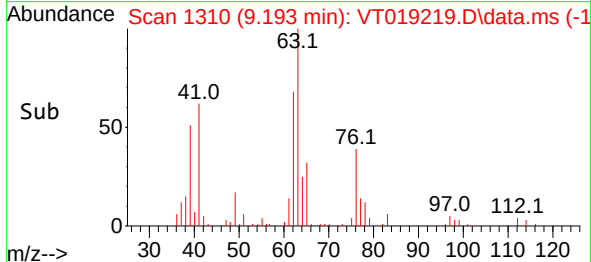
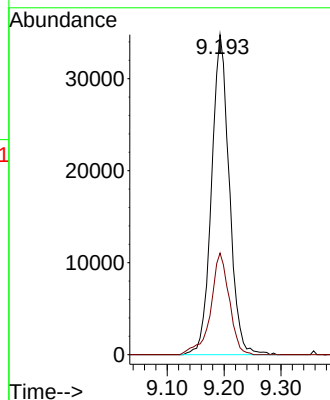
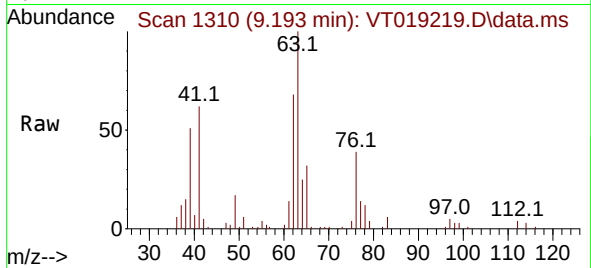




#45
1,2-Dichloropropane
Concen: 48.691 ug/l
RT: 9.193 min Scan# 11
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

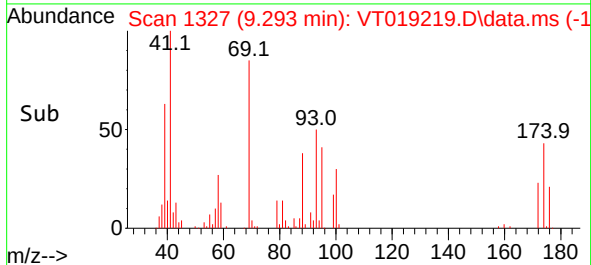
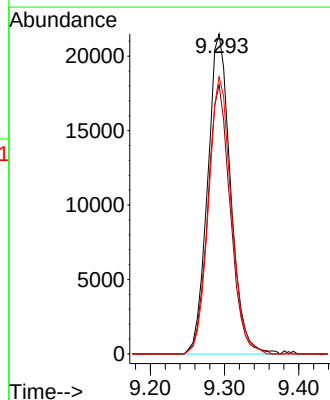
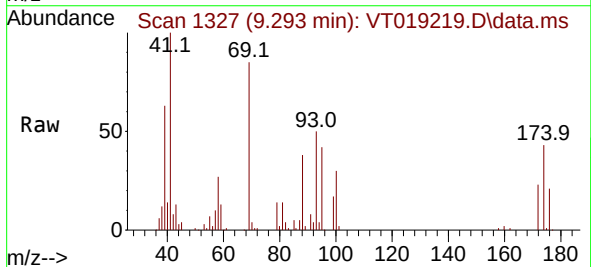
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

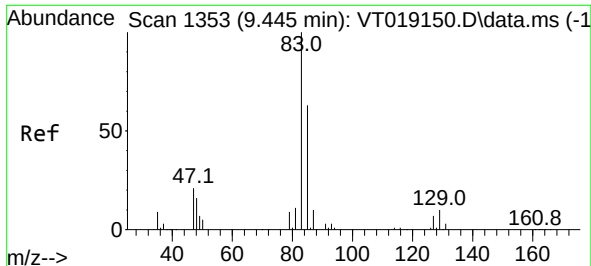
Tgt Ion: 63 Resp: 75141
Ion Ratio Lower Upper
63 100
65 31.8 24.6 36.8



#46
Dibromomethane
Concen: 49.760 ug/l
RT: 9.293 min Scan# 1327
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 93 Resp: 46216
Ion Ratio Lower Upper
93 100
95 82.7 66.4 99.6
174 85.6 77.3 115.9

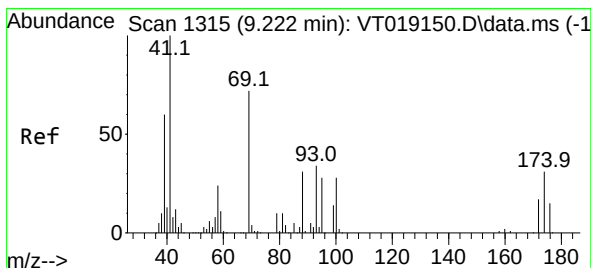
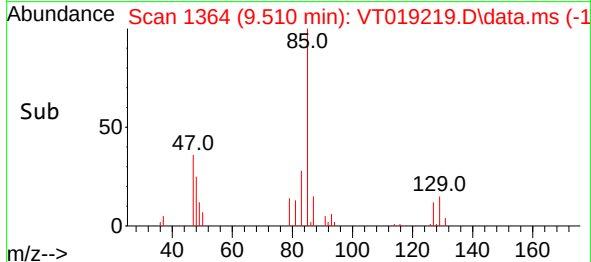
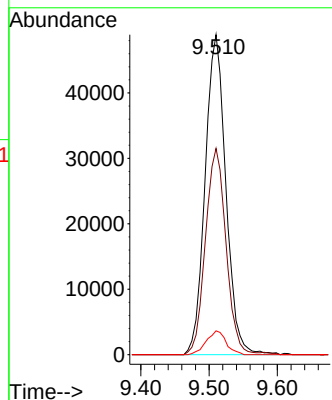
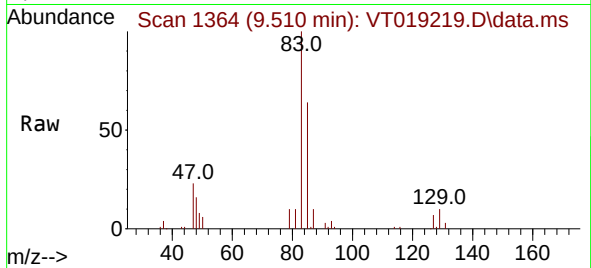




#47
Bromodichloromethane
Concen: 49.402 ug/l
RT: 9.510 min Scan# 11
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

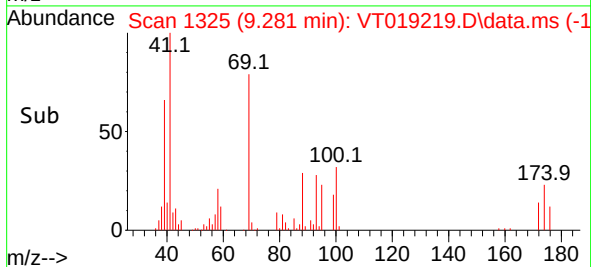
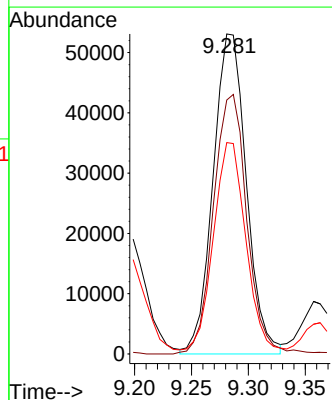
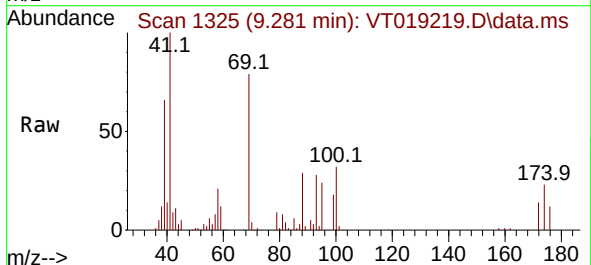
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

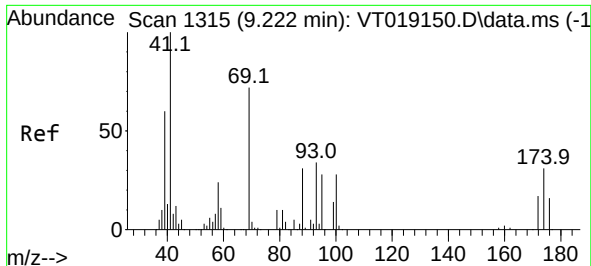
Tgt Ion: 83 Resp: 103445
Ion Ratio Lower Upper
83 100
85 64.4 50.4 75.6
127 7.4 6.0 9.0



#48
Methyl methacrylate
Concen: 49.617 ug/l
RT: 9.281 min Scan# 1325
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 41 Resp: 108090
Ion Ratio Lower Upper
41 100
69 81.8 56.9 85.3
39 65.4 48.0 72.0





#49

1,4-Dioxane

Concen: 976.028 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.065 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

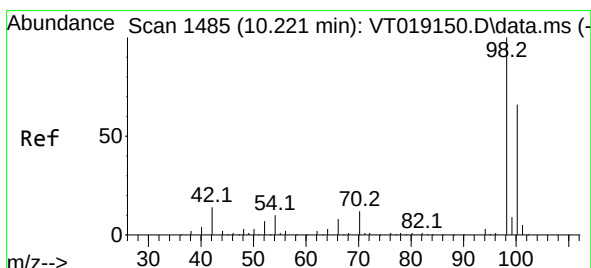
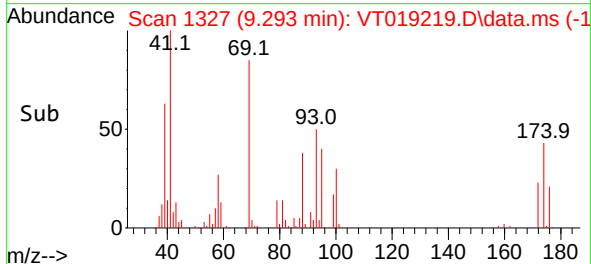
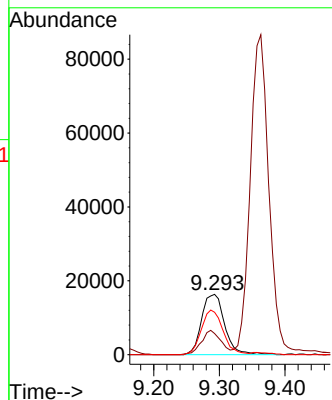
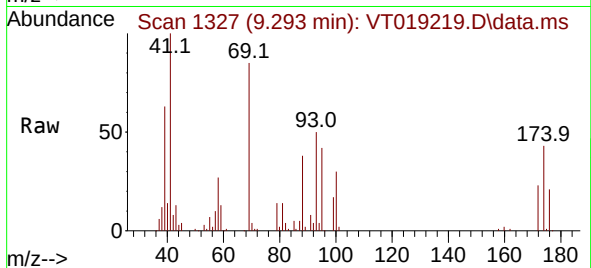
Tgt Ion: 88 Resp: 39936

Ion Ratio Lower Upper

88 100

43 34.0 30.0 45.0

58 69.9 57.2 85.8



#50

Toluene-d8

Concen: 47.234 ug/l

RT: 10.280 min Scan# 1495

Delta R.T. 0.053 min

Lab File: VT019219.D

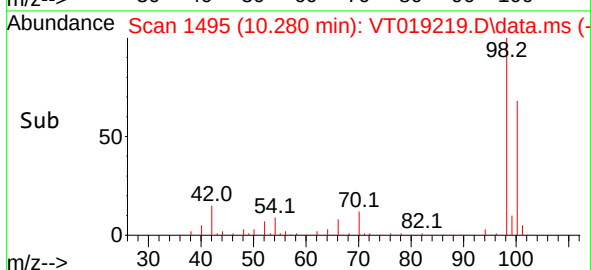
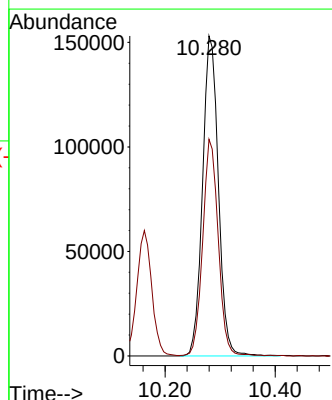
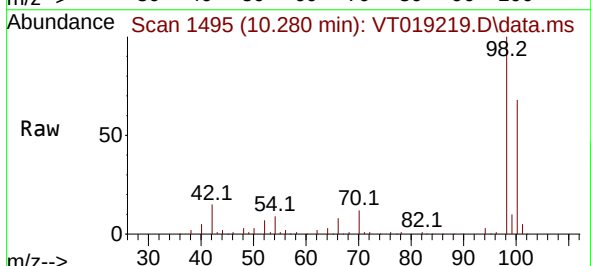
Acq: 31 Oct 2025 10:00

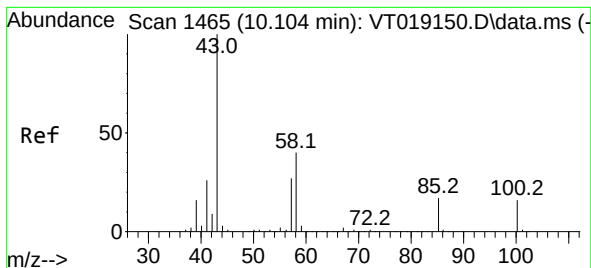
Tgt Ion: 98 Resp: 305536

Ion Ratio Lower Upper

98 100

100 66.1 53.5 80.3

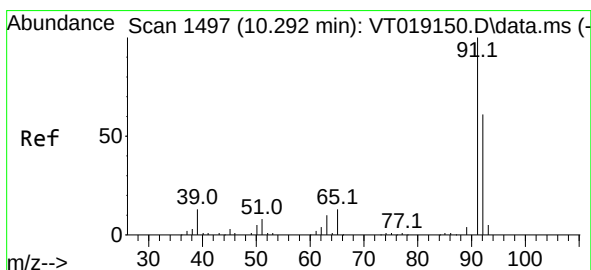
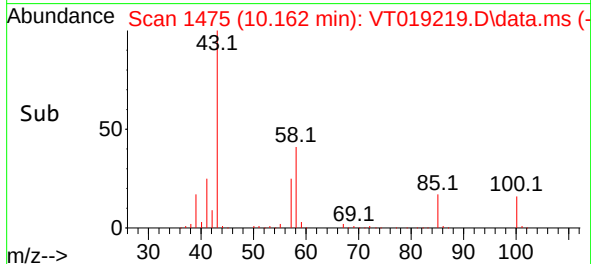
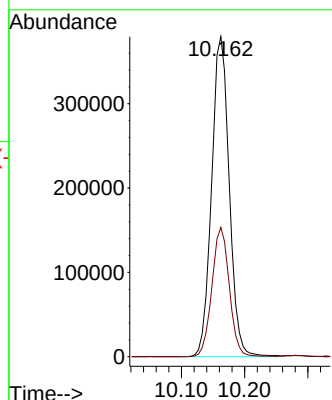
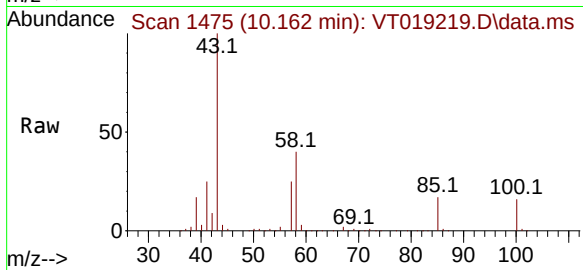




#51
4-Methyl-2-Pentanone
Concen: 251.553 ug/l
RT: 10.162 min Scan# 1465
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

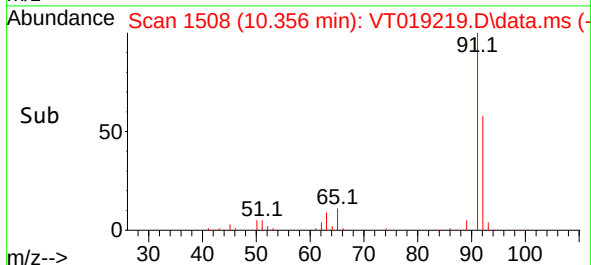
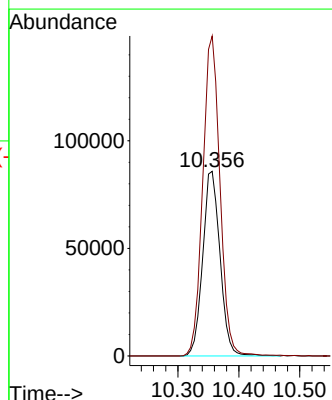
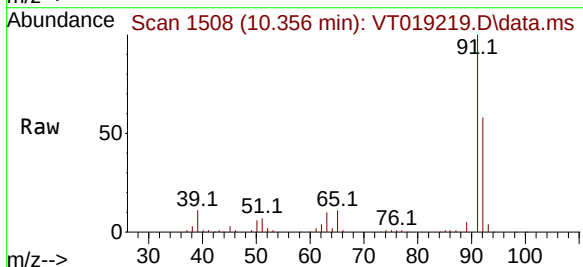
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

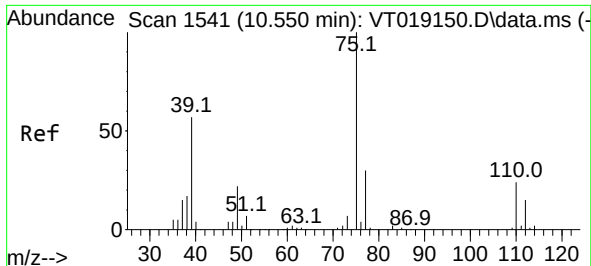
Tgt Ion: 43 Resp: 734784
Ion Ratio Lower Upper
43 100
58 39.9 30.5 45.7



#52
Toluene
Concen: 48.791 ug/l
RT: 10.356 min Scan# 1508
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 92 Resp: 169093
Ion Ratio Lower Upper
92 100
91 172.9 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 50.484 ug/l

RT: 10.609 min Scan# 11

Delta R.T. 0.053 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

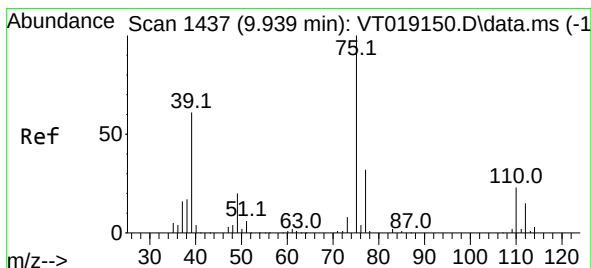
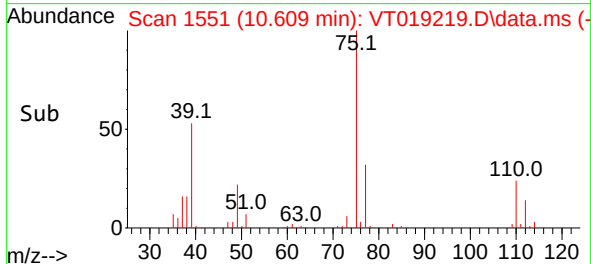
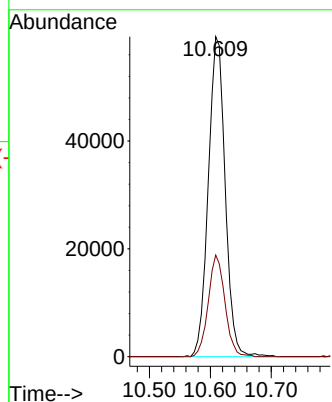
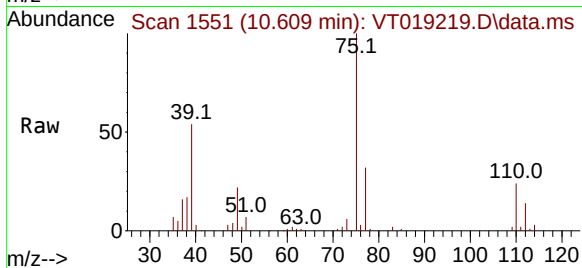
VSTDCCC050

Tgt Ion: 75 Resp: 114414

Ion Ratio Lower Upper

75 100

77 31.8 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 50.159 ug/l

RT: 9.998 min Scan# 1447

Delta R.T. 0.059 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

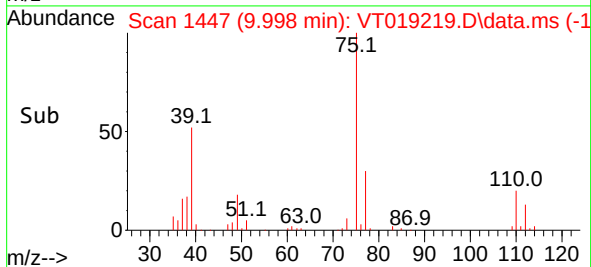
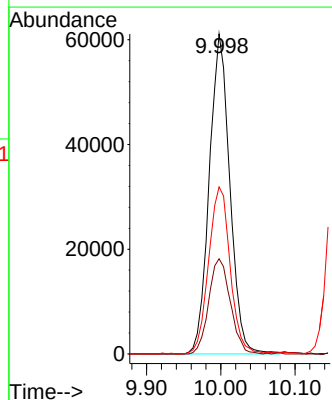
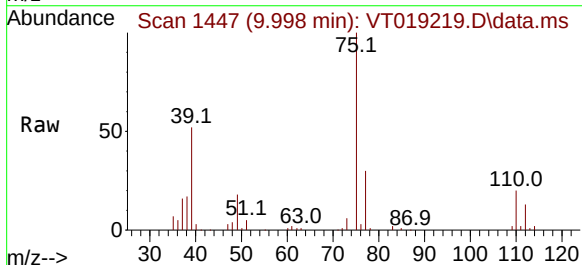
Tgt Ion: 75 Resp: 117714

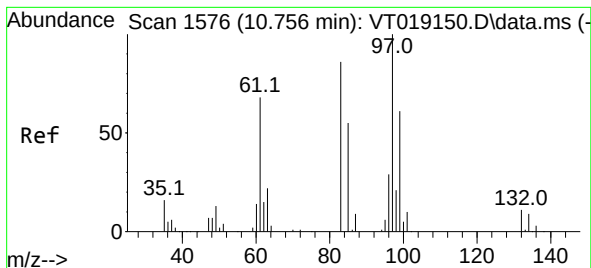
Ion Ratio Lower Upper

75 100

77 29.8 25.5 38.3

39 52.2 48.8 73.2





#55

1,1,2-Trichloroethane

Concen: 50.422 ug/l

RT: 10.814 min Scan# 1586

Delta R.T. 0.052 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 68922

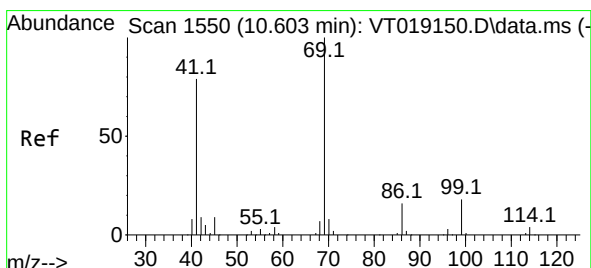
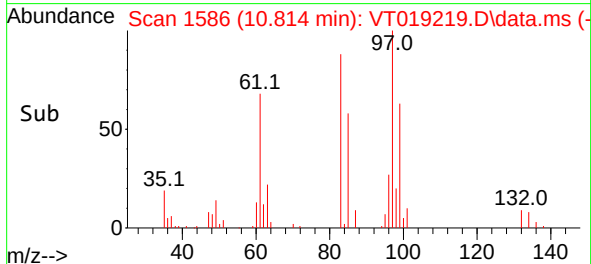
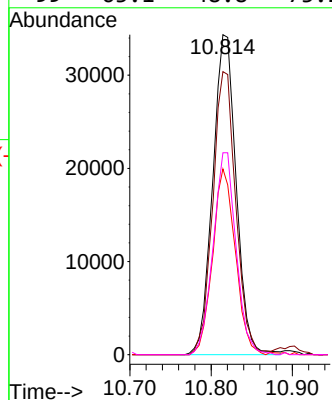
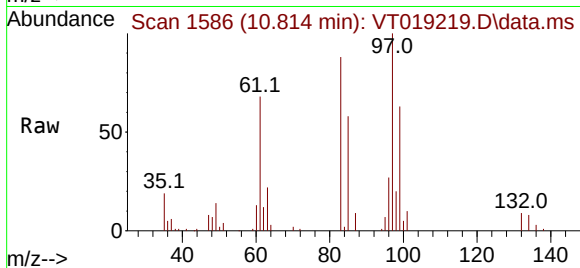
Ion Ratio Lower Upper

97 100

83 88.5 69.2 103.8

85 58.0 43.8 65.6

99 63.1 48.8 73.2



#56

Ethyl methacrylate

Concen: 51.010 ug/l

RT: 10.662 min Scan# 1560

Delta R.T. 0.053 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

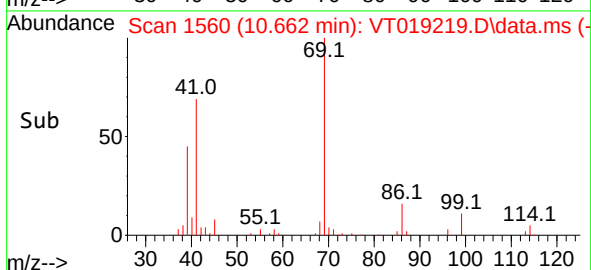
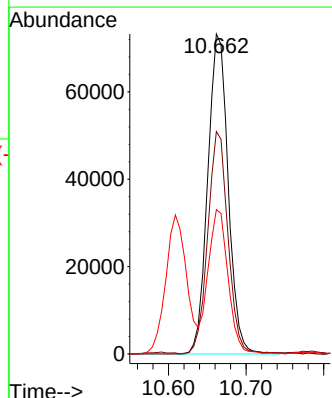
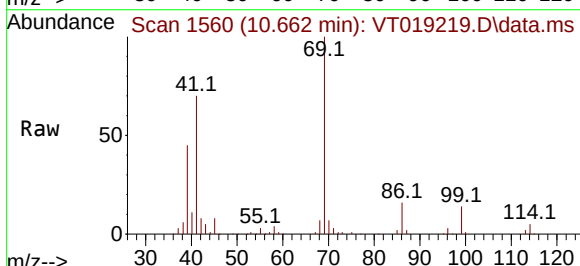
Tgt Ion: 69 Resp: 133994

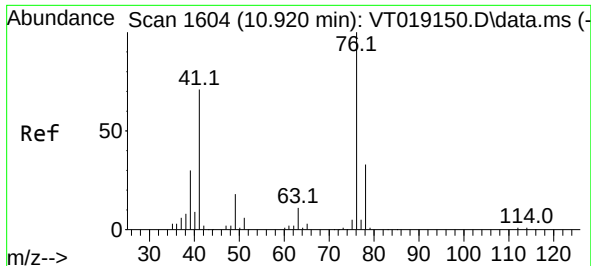
Ion Ratio Lower Upper

69 100

41 69.0 62.6 93.8

39 44.3 37.2 55.8

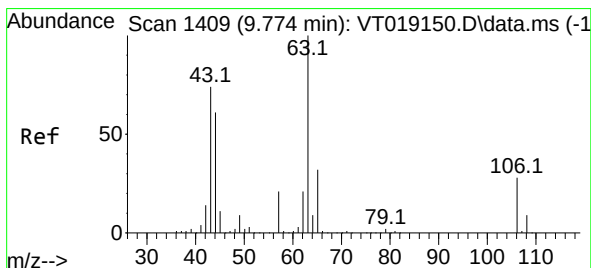
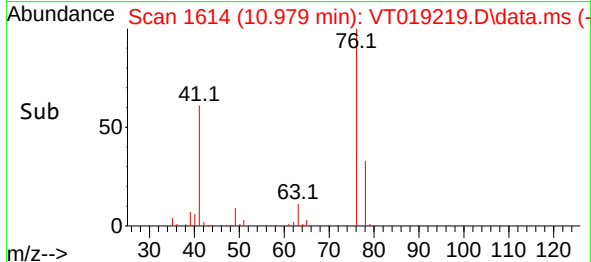
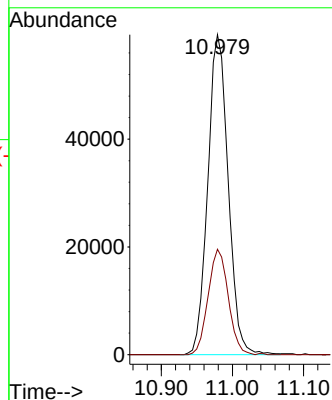
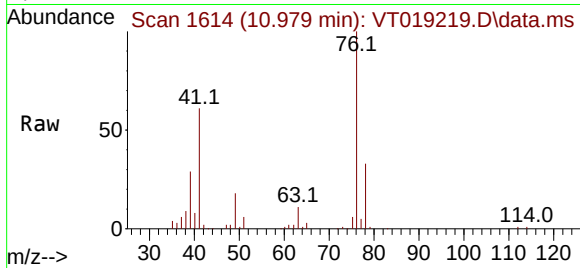




#57
1,3-Dichloropropane
Concen: 48.859 ug/l
RT: 10.979 min Scan# 1614
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

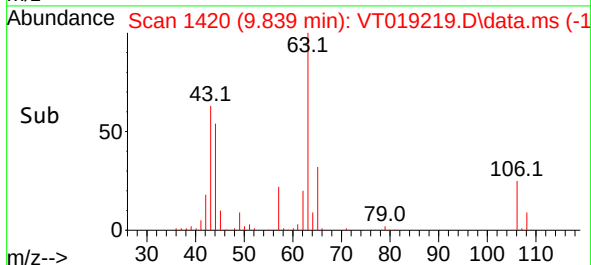
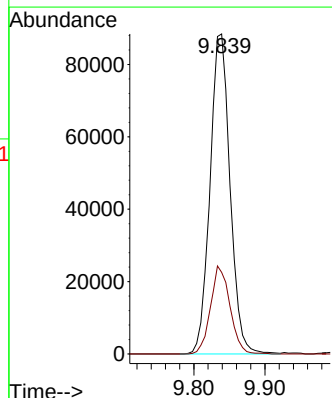
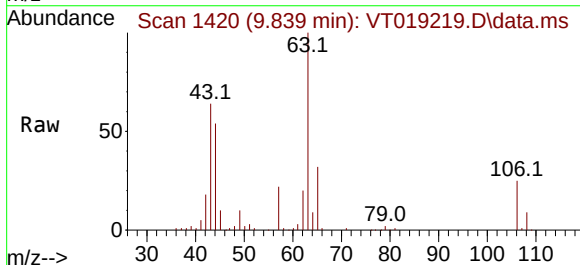
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

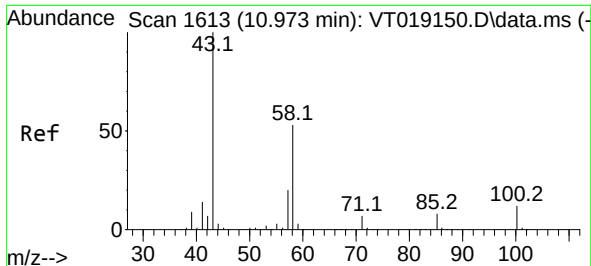
Tgt Ion: 76 Resp: 118529
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 245.119 ug/l
RT: 9.839 min Scan# 1420
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 63 Resp: 173283
Ion Ratio Lower Upper
63 100
106 26.7 22.4 33.6





#59

2-Hexanone

Concen: 244.500 ug/l

RT: 11.032 min Scan# 1

Delta R.T. 0.053 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

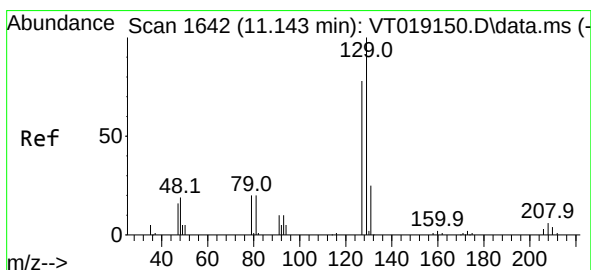
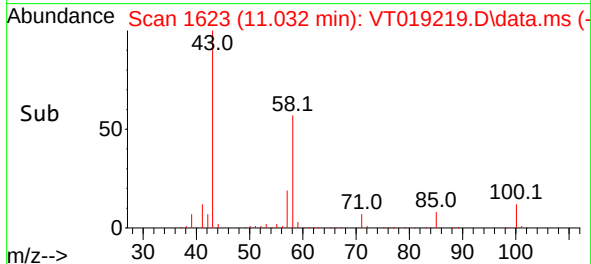
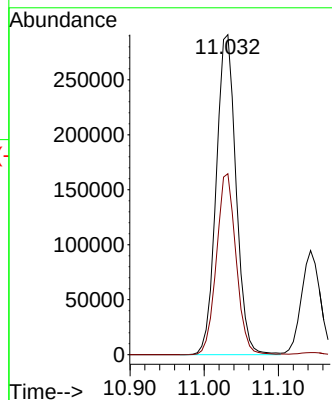
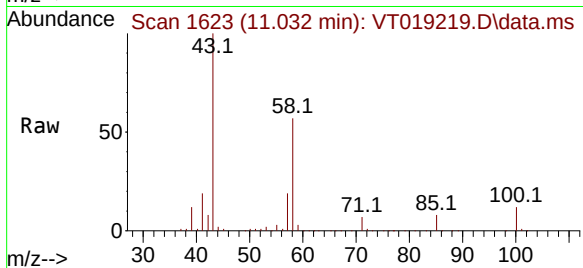
VSTDCCC050

Tgt Ion: 43 Resp: 541035

Ion Ratio Lower Upper

43 100

58 55.9 26.1 78.3



#60

Dibromochloromethane

Concen: 51.357 ug/l

RT: 11.202 min Scan# 1652

Delta R.T. 0.053 min

Lab File: VT019219.D

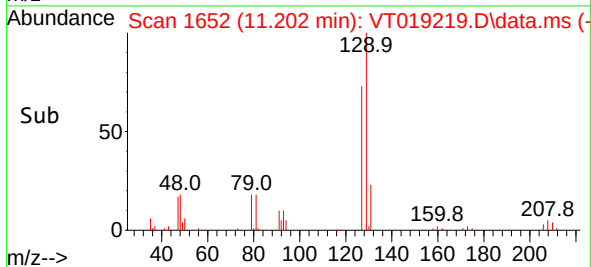
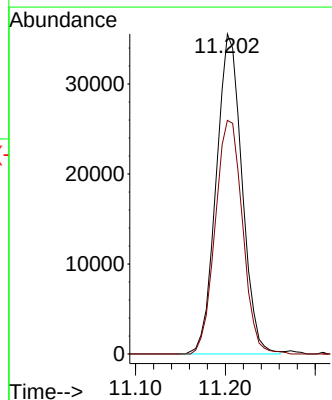
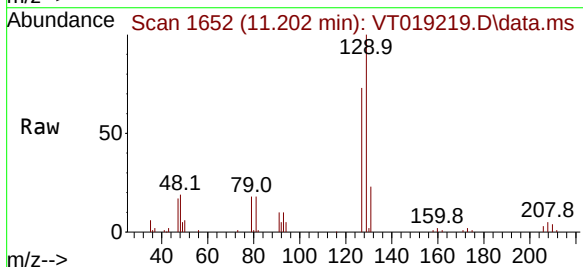
Acq: 31 Oct 2025 10:00

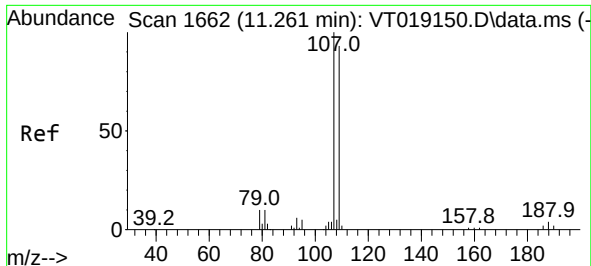
Tgt Ion:129 Resp: 70776

Ion Ratio Lower Upper

129 100

127 77.3 38.9 116.7

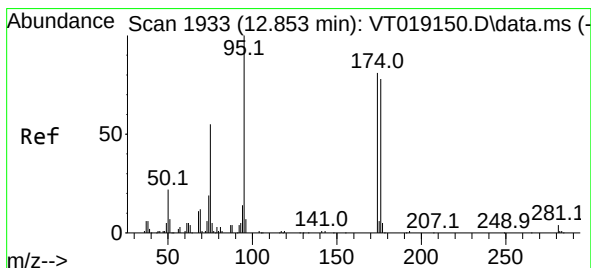
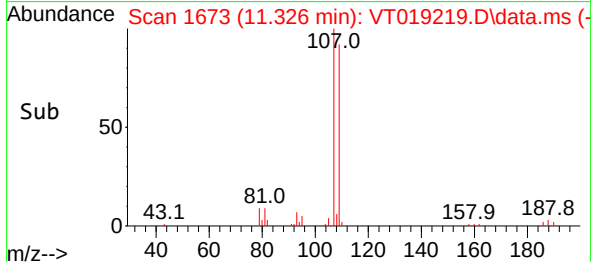
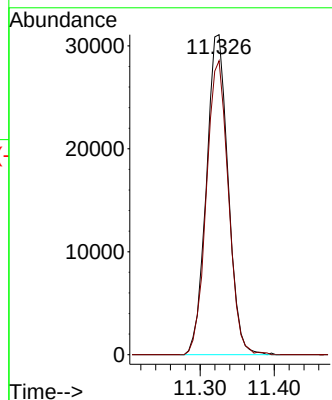
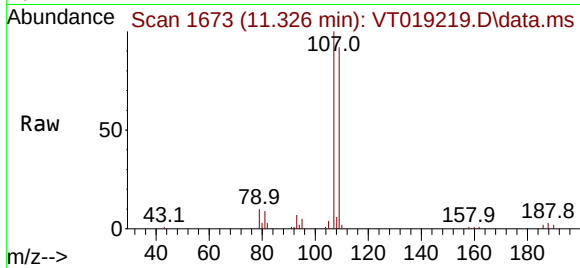




#61
1,2-Dibromoethane
Concen: 49.772 ug/l
RT: 11.326 min Scan# 1
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

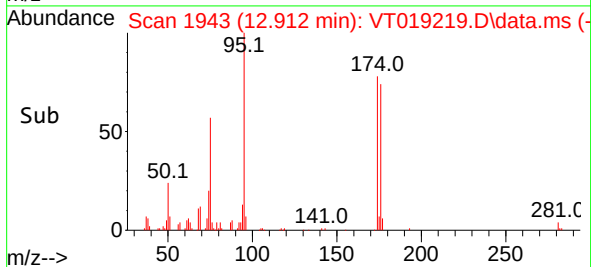
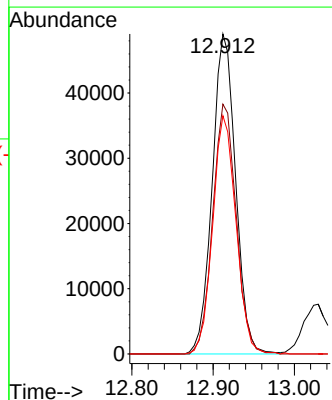
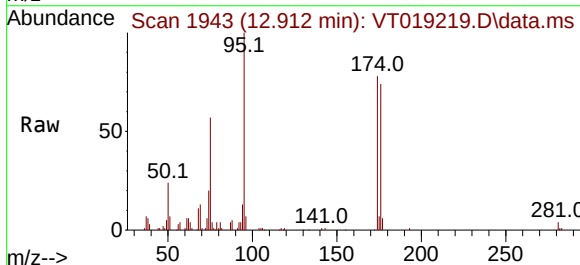
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

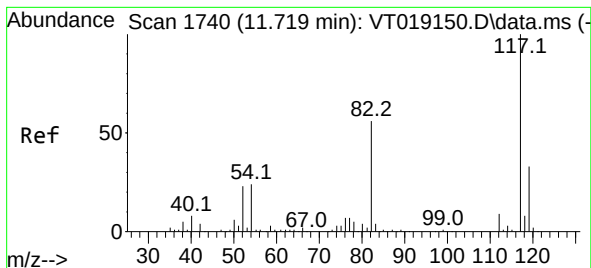
Tgt Ion:107 Resp: 63350
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.182 ug/l
RT: 12.912 min Scan# 1943
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 95 Resp: 97981
Ion Ratio Lower Upper
95 100
174 78.6 0.0 160.6
176 74.3 0.0 156.6

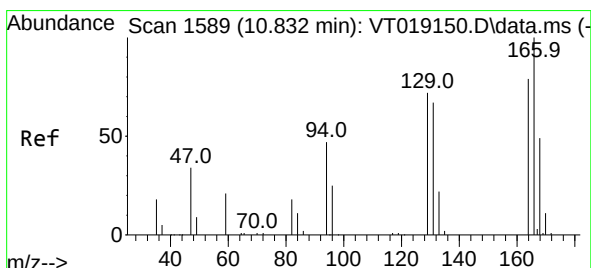
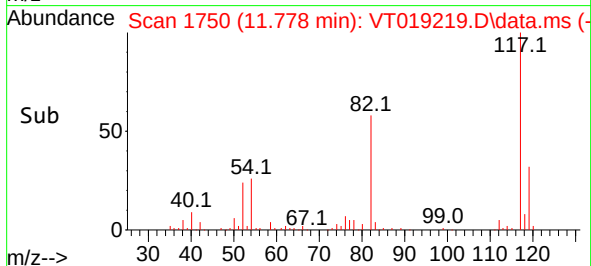
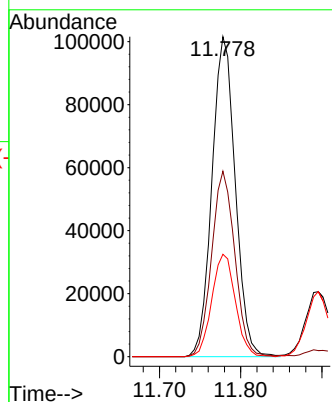
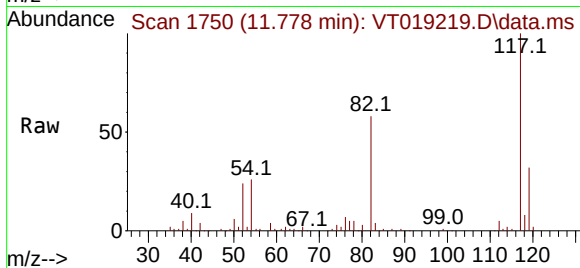




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.778 min Scan# 11
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

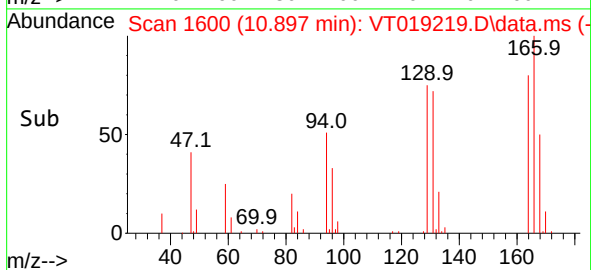
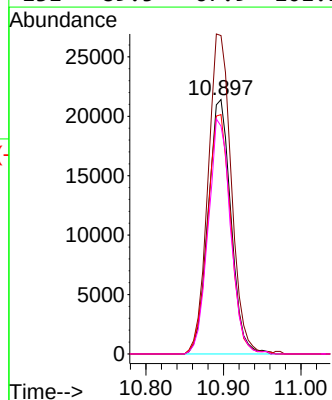
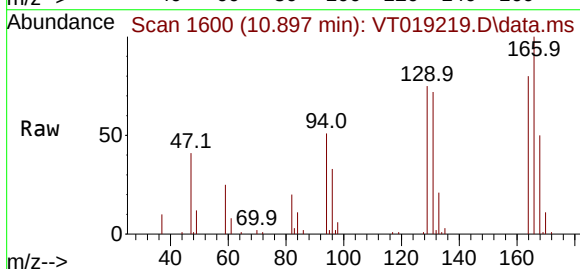
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

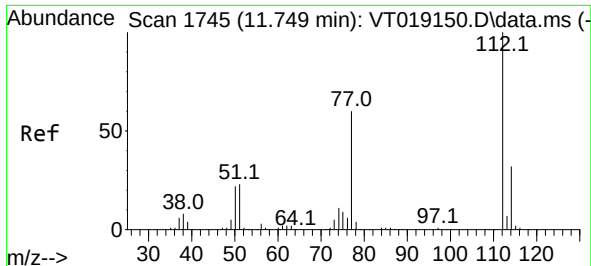
Tgt Ion:117 Resp: 202515
Ion Ratio Lower Upper
117 100
82 58.0 45.1 67.7
119 32.0 26.6 40.0



#64
Tetrachloroethene
Concen: 47.605 ug/l
RT: 10.897 min Scan# 1600
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion:164 Resp: 43821
Ion Ratio Lower Upper
164 100
166 125.1 100.9 151.3
129 94.1 72.4 108.6
131 89.5 67.9 101.9

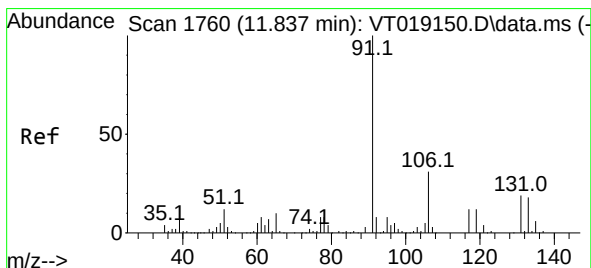
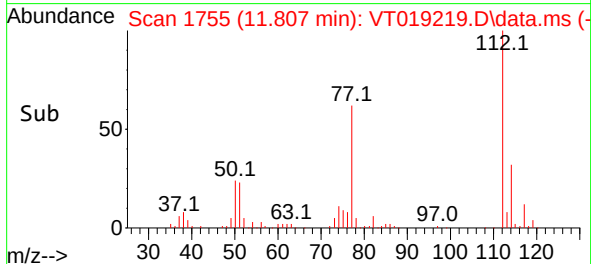
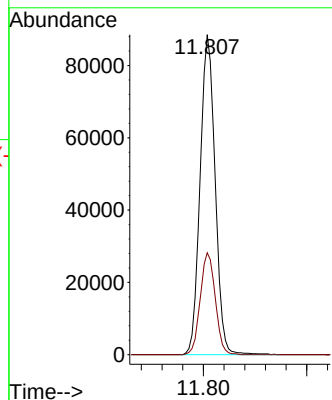
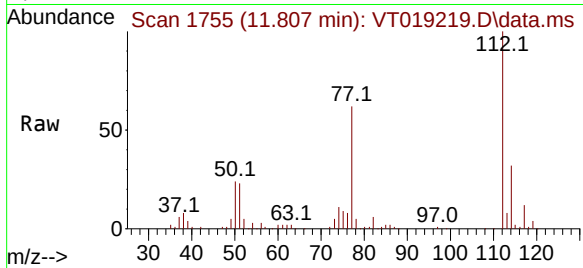




#65
Chlorobenzene
Concen: 49.062 ug/l
RT: 11.807 min Scan# 1755
Delta R.T. 0.052 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

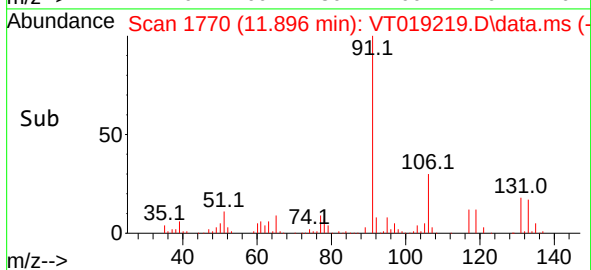
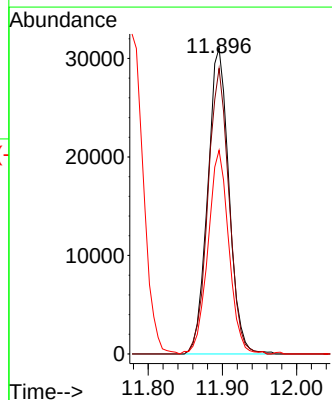
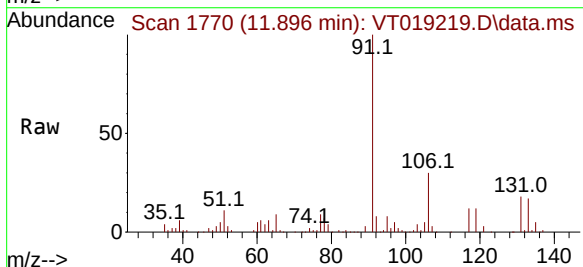
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

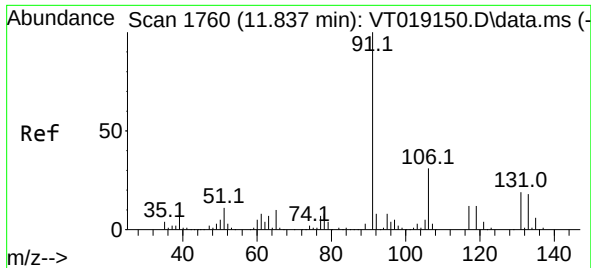
Tgt Ion:112 Resp: 178332
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.750 ug/l
RT: 11.896 min Scan# 1770
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion:131 Resp: 61912
Ion Ratio Lower Upper
131 100
133 92.6 47.4 142.3
119 65.2 31.7 95.1

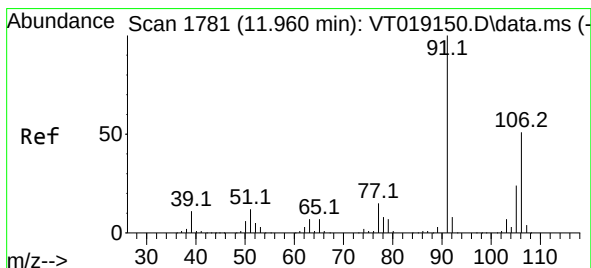
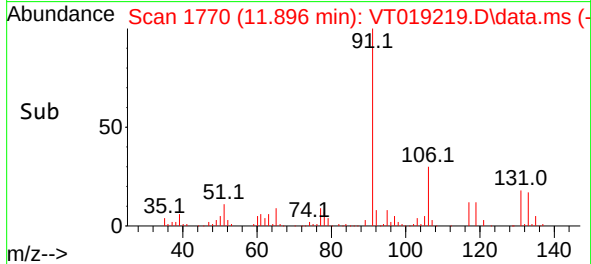
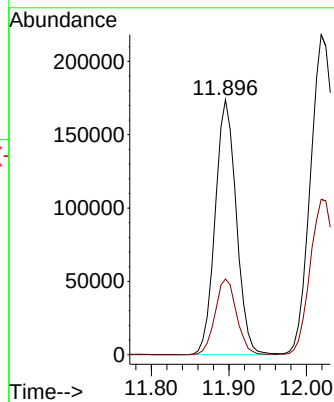
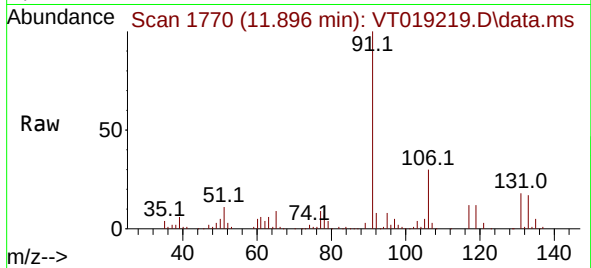




#67
Ethyl Benzene
Concen: 48.536 ug/l
RT: 11.896 min Scan# 1770
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

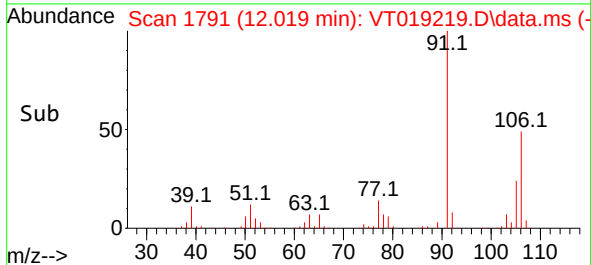
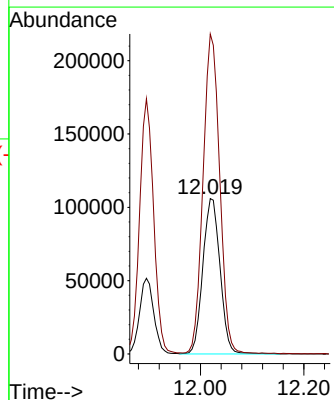
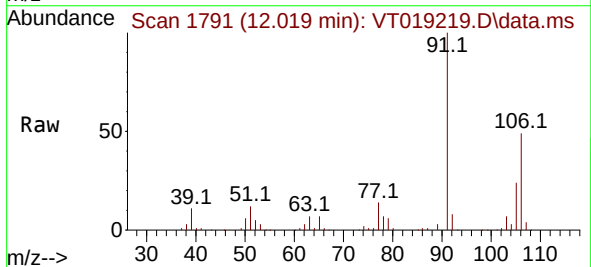
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

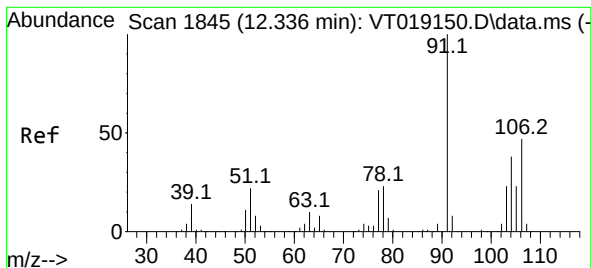
Tgt Ion: 91 Resp: 329850
Ion Ratio Lower Upper
91 100
106 29.7 24.8 37.2



#68
m/p-Xylenes
Concen: 97.369 ug/l
RT: 12.019 min Scan# 1791
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion:106 Resp: 244419
Ion Ratio Lower Upper
106 100
91 198.6 161.0 241.6





#69

o-Xylene

Concen: 49.415 ug/l

RT: 12.395 min Scan# 1855

Delta R.T. 0.053 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

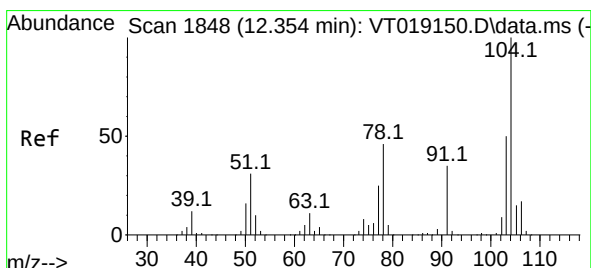
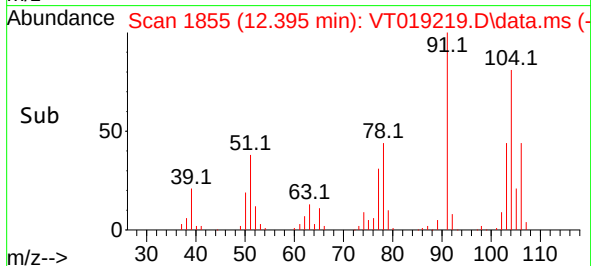
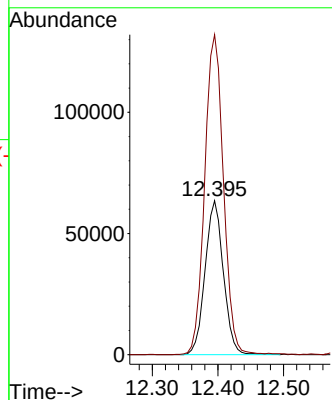
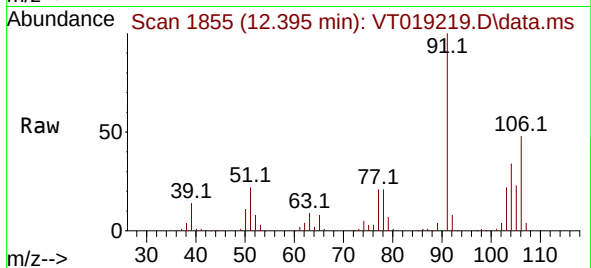
VSTDCCC050

Tgt Ion:106 Resp: 123300

Ion Ratio Lower Upper

106 100

91 213.4 106.5 319.5



#70

Styrene

Concen: 49.255 ug/l

RT: 12.413 min Scan# 1858

Delta R.T. 0.053 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

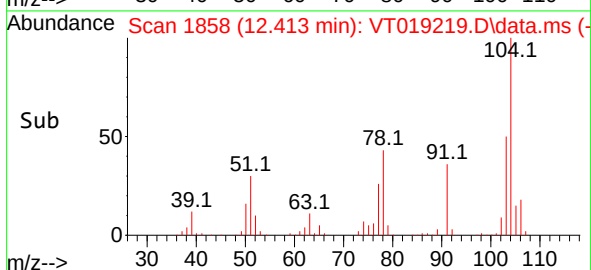
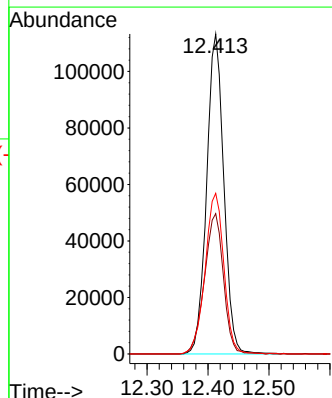
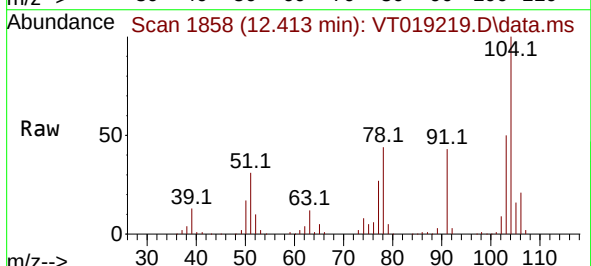
Tgt Ion:104 Resp: 221309

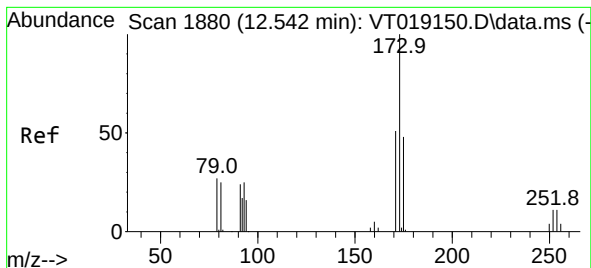
Ion Ratio Lower Upper

104 100

78 48.5 40.8 61.2

103 54.9 43.8 65.6





#71

Bromoform

Concen: 53.338 ug/l

RT: 12.606 min Scan# 11

Delta R.T. 0.058 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

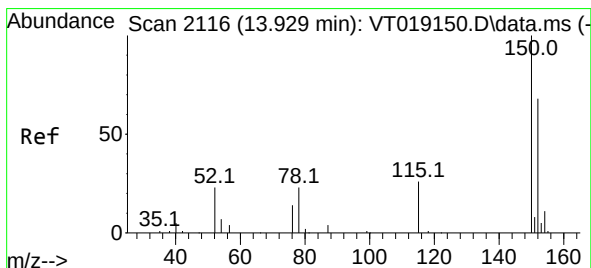
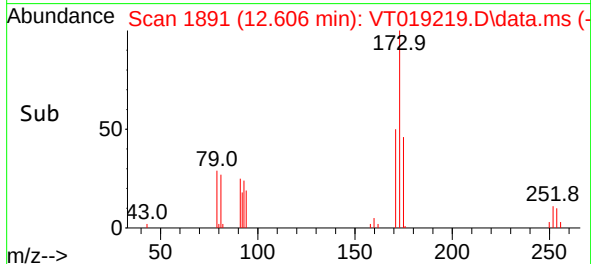
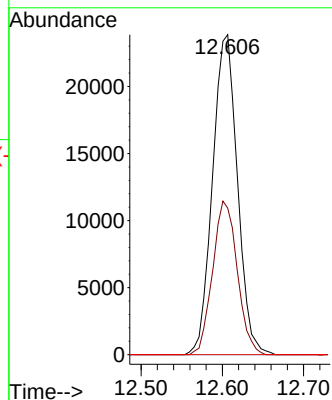
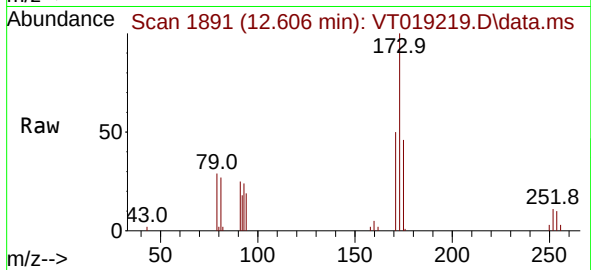
Tgt Ion:173 Resp: 50755

Ion Ratio Lower Upper

173 100

175 47.5 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.987 min Scan# 2126

Delta R.T. 0.058 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

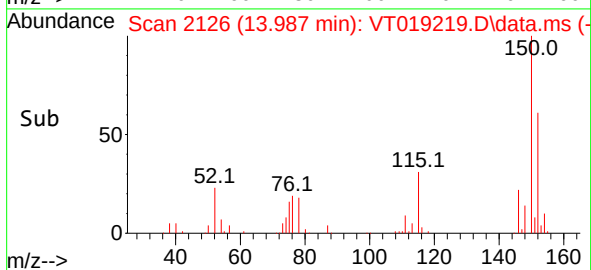
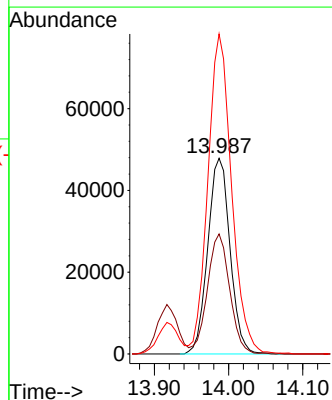
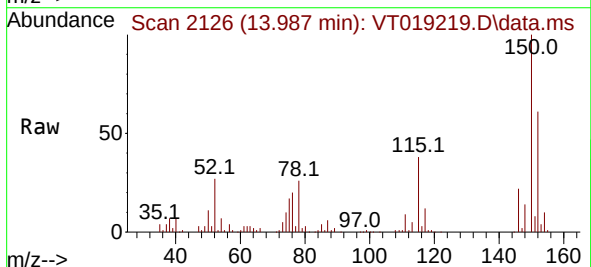
Tgt Ion:152 Resp: 99927

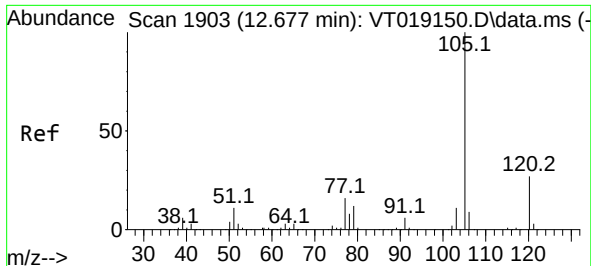
Ion Ratio Lower Upper

152 100

115 61.4 29.6 88.9

150 174.8 0.0 342.6

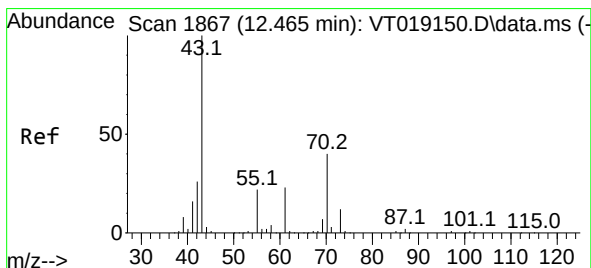
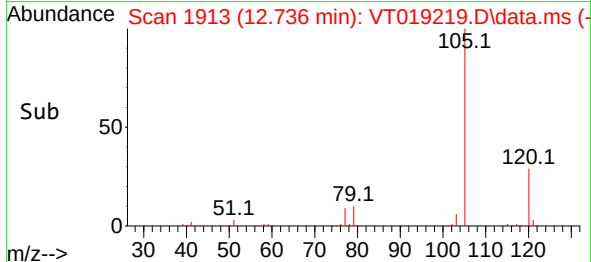
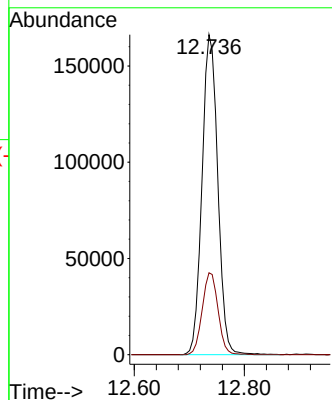
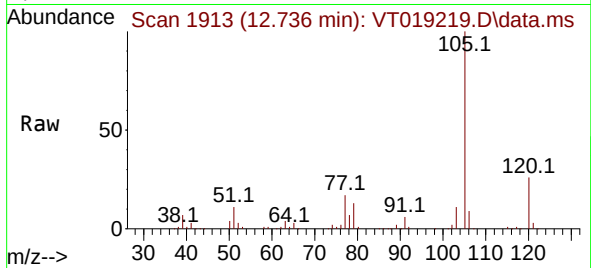




#73
Isopropylbenzene
Concen: 47.935 ug/l
RT: 12.736 min Scan# 1903
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

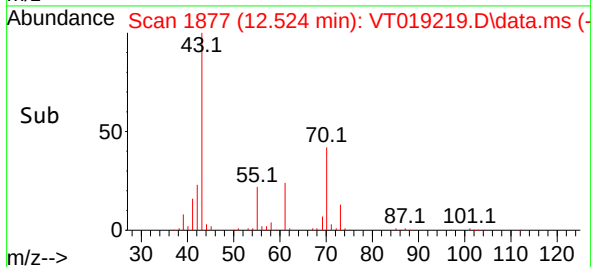
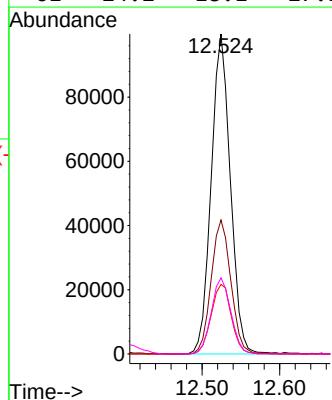
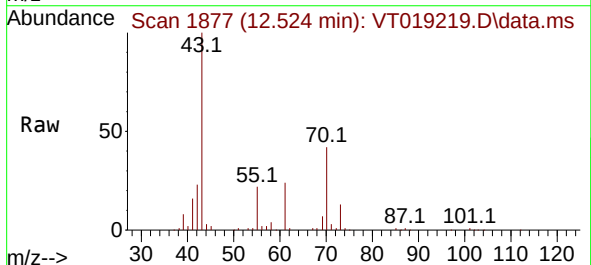
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

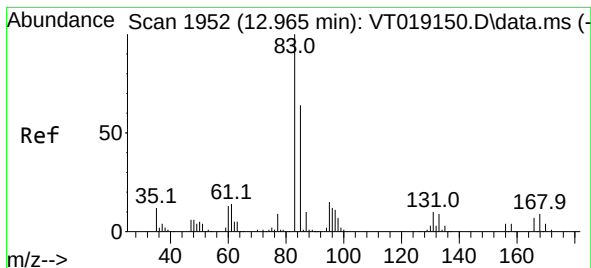
Tgt Ion:105 Resp: 329752
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4



#74
N-ethyl acetate
Concen: 49.360 ug/l
RT: 12.524 min Scan# 1877
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 43 Resp: 171279
Ion Ratio Lower Upper
43 100
70 43.0 31.3 46.9
55 22.9 17.4 26.0
61 24.2 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 48.975 ug/l

RT: 13.024 min Scan# 1952

Delta R.T. 0.053 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

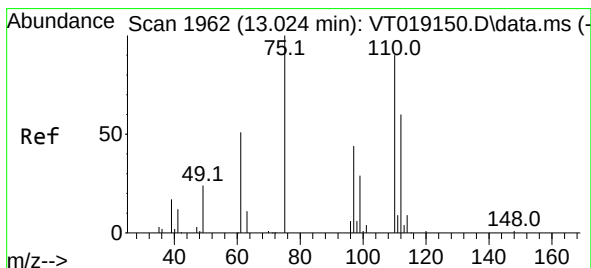
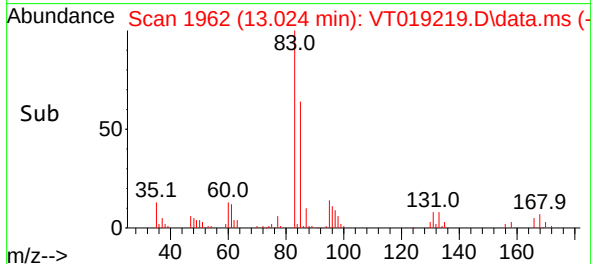
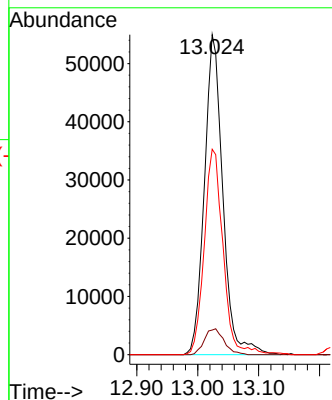
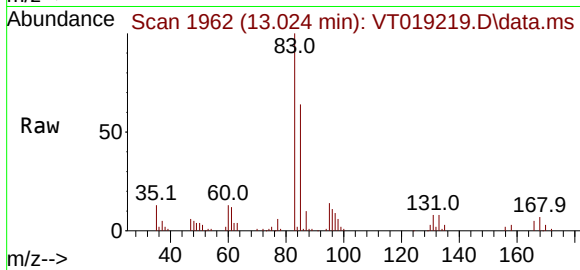
Tgt Ion: 83 Resp: 115440

Ion Ratio Lower Upper

83 100

131 8.6 5.2 15.6

85 65.9 32.8 98.4



#76

1,2,3-Trichloropropane

Concen: 47.381 ug/l m

RT: 13.082 min Scan# 1972

Delta R.T. 0.052 min

Lab File: VT019219.D

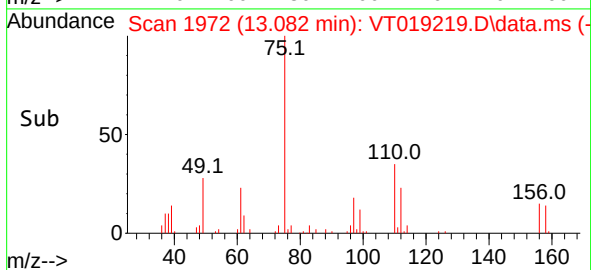
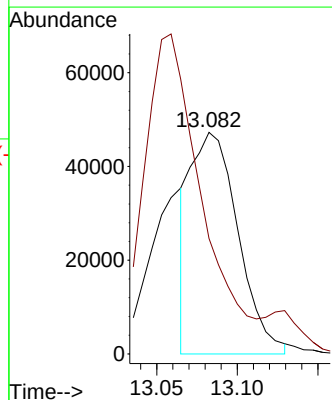
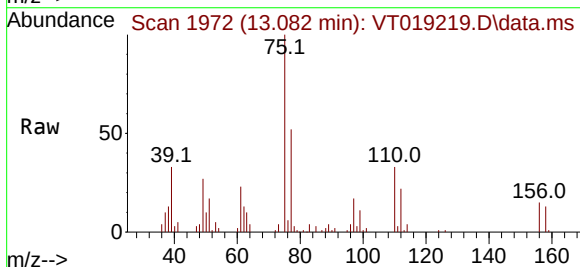
Acq: 31 Oct 2025 10:00

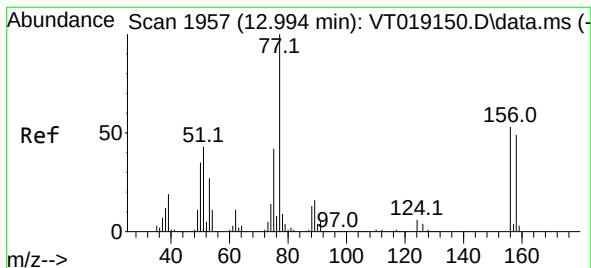
Tgt Ion: 75 Resp: 97431

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.083 ug/l

RT: 13.059 min Scan# 1957

Delta R.T. 0.059 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

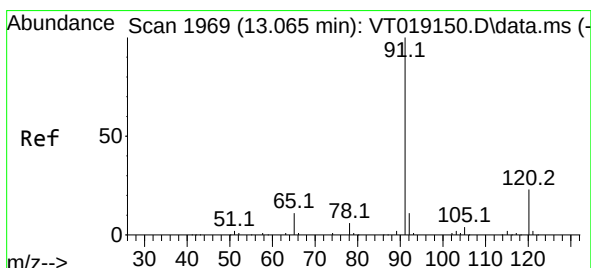
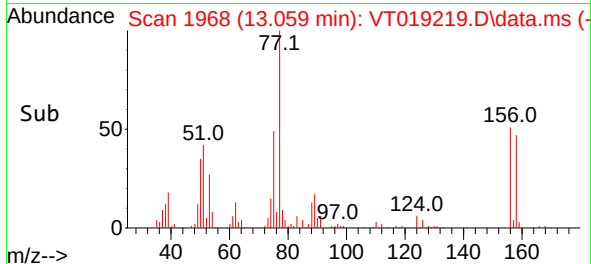
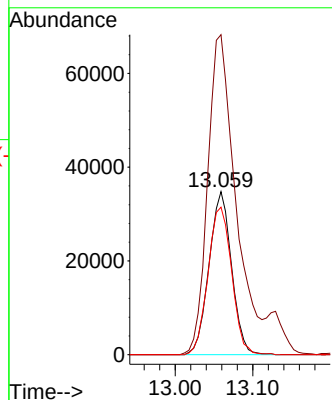
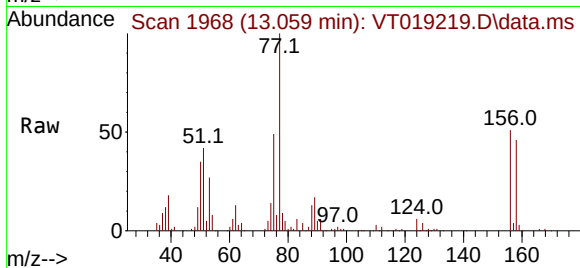
Tgt Ion:156 Resp: 70182

Ion Ratio Lower Upper

156 100

77 242.6 113.1 339.3

158 95.1 48.0 144.0



#78

n-propylbenzene

Concen: 47.900 ug/l

RT: 13.129 min Scan# 1980

Delta R.T. 0.058 min

Lab File: VT019219.D

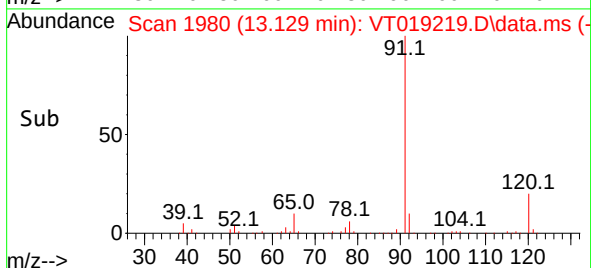
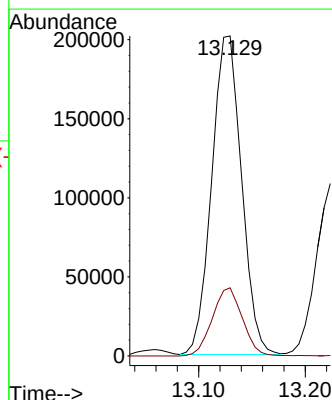
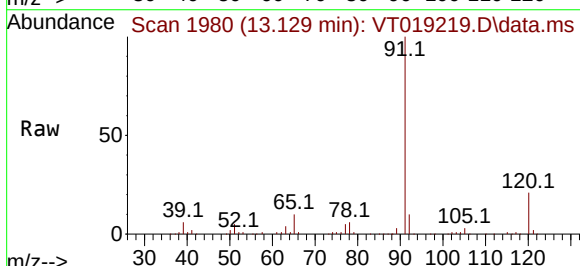
Acq: 31 Oct 2025 10:00

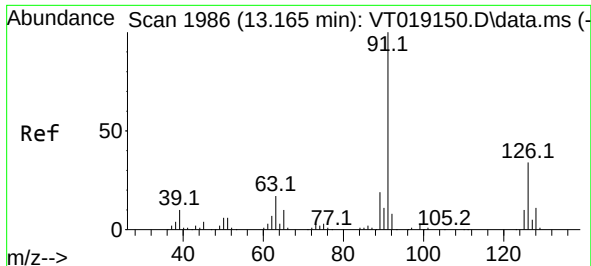
Tgt Ion: 91 Resp: 391482

Ion Ratio Lower Upper

91 100

120 21.6 11.6 34.8





#79

2-Chlorotoluene

Concen: 48.118 ug/l

RT: 13.223 min Scan# 1986

Delta R.T. 0.052 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

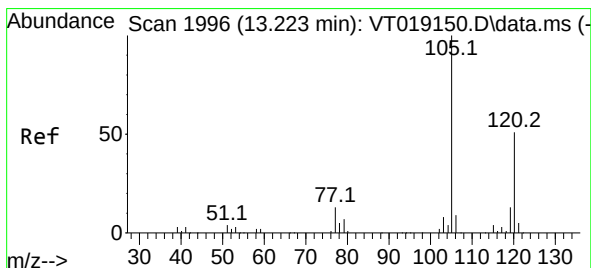
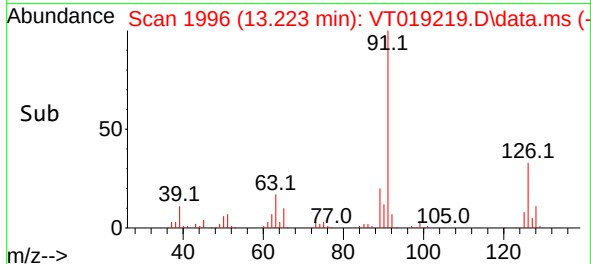
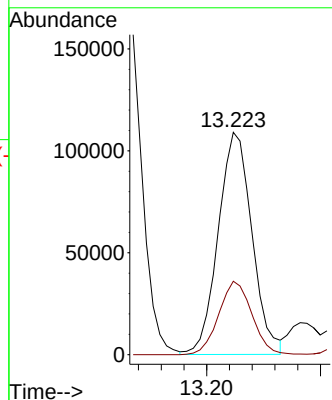
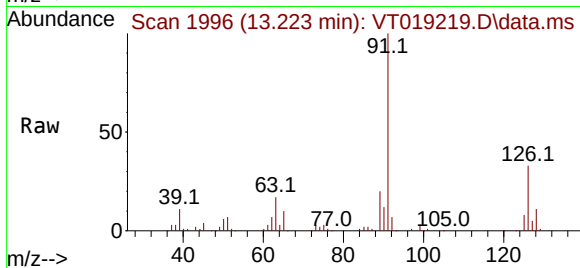
VSTDCCC050

Tgt Ion: 91 Resp: 225301

Ion Ratio Lower Upper

91 100

126 32.5 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 48.871 ug/l

RT: 13.282 min Scan# 2006

Delta R.T. 0.053 min

Lab File: VT019219.D

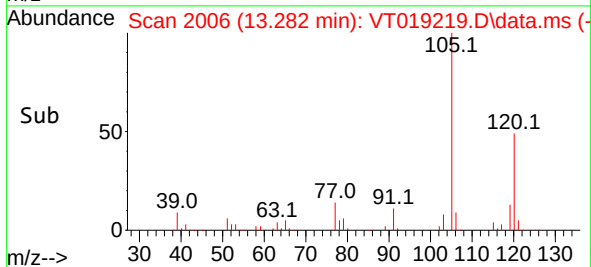
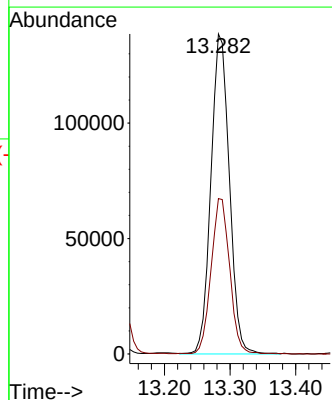
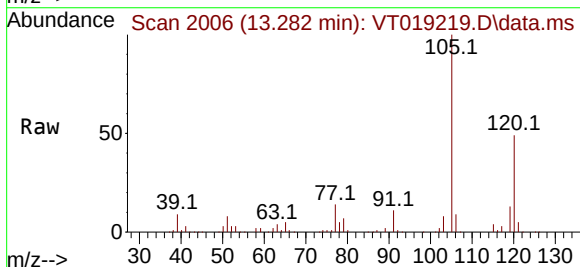
Acq: 31 Oct 2025 10:00

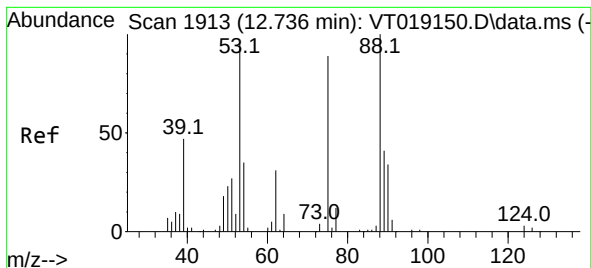
Tgt Ion:105 Resp: 270036

Ion Ratio Lower Upper

105 100

120 49.1 25.5 76.5

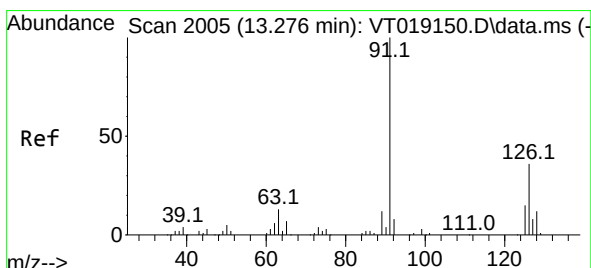
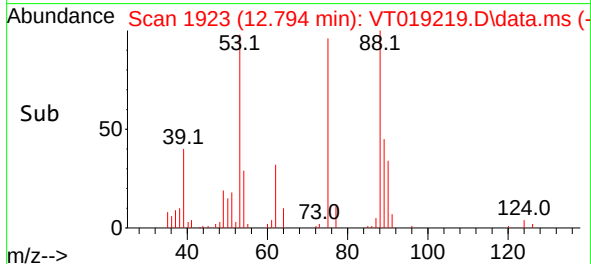
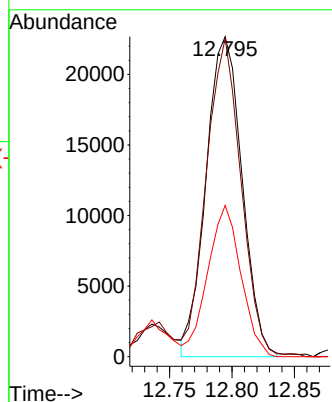
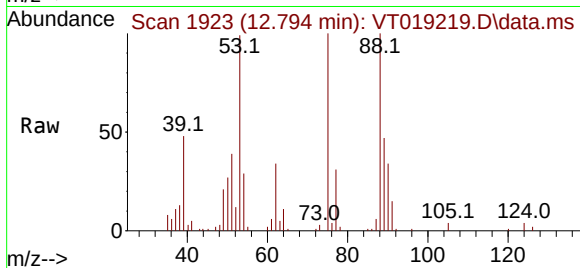




#81
trans-1,4-Dichloro-2-butene
Concen: 51.848 ug/l m
RT: 12.794 min Scan# 1913
Delta R.T. 0.058 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

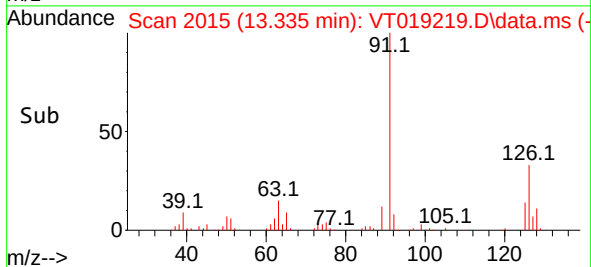
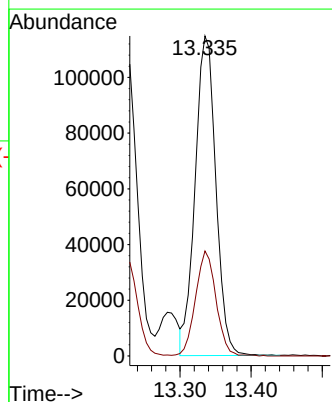
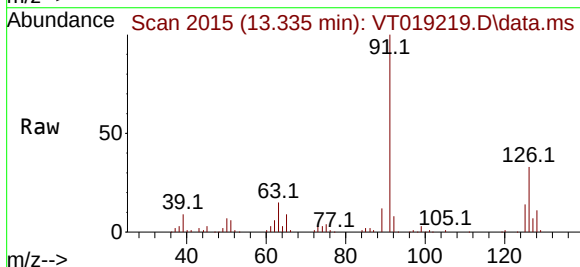
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

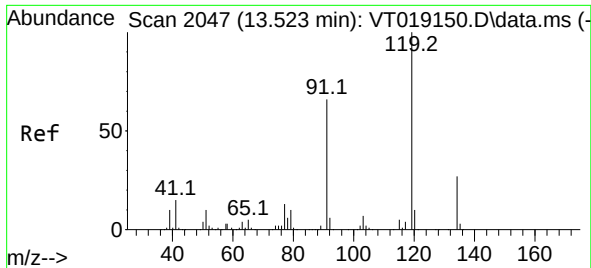
Tgt Ion: 75 Resp: 45439
Ion Ratio Lower Upper
75 100
53 10.4 86.0 129.0#
89 9.5 36.3 54.5#



#82
4-Chlorotoluene
Concen: 48.834 ug/l
RT: 13.335 min Scan# 2015
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 91 Resp: 232681
Ion Ratio Lower Upper
91 100
126 32.7 16.9 50.7

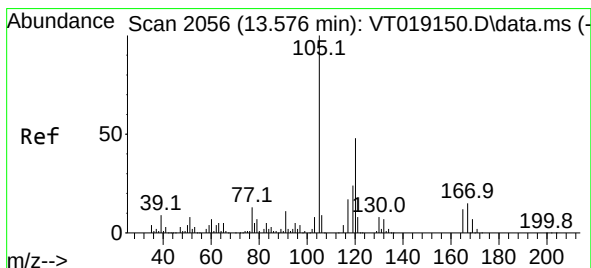
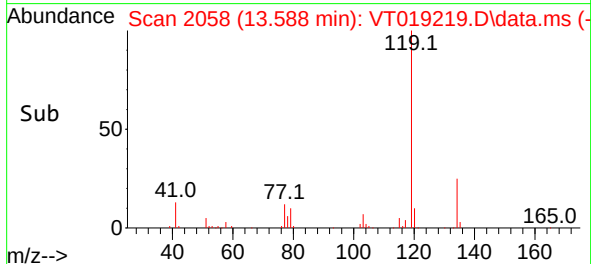
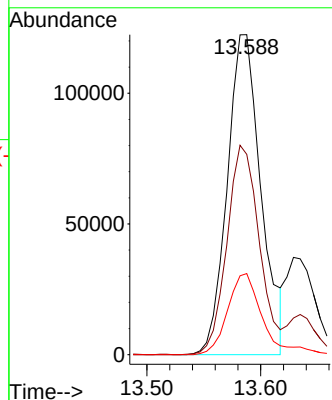
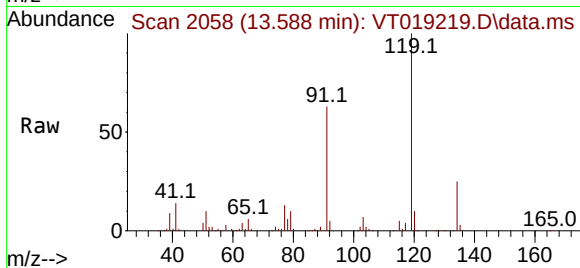




#83
tert-Butylbenzene
Concen: 49.465 ug/l
RT: 13.588 min Scan# 2058
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

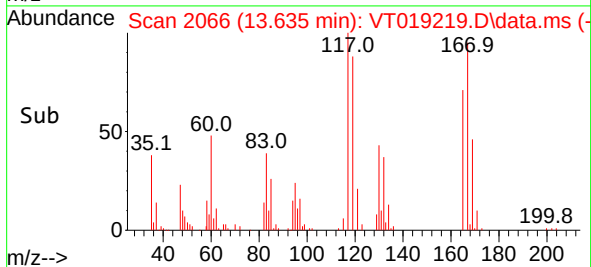
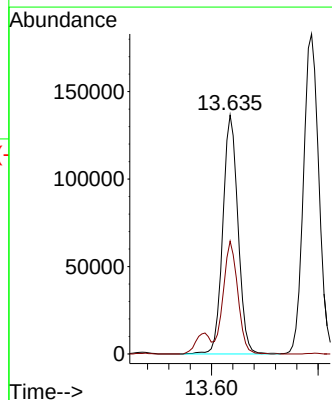
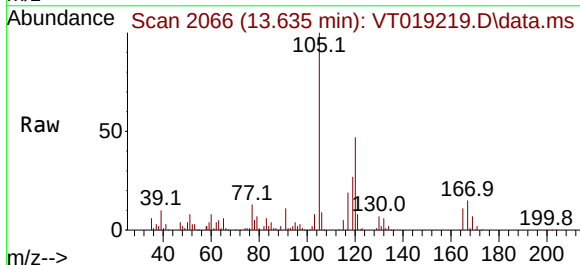
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

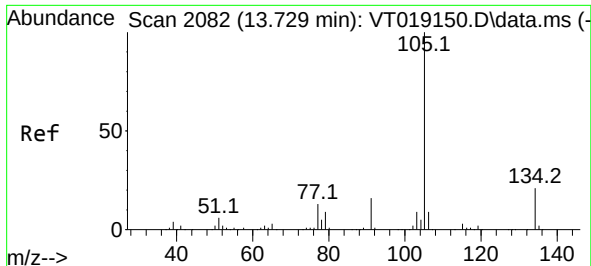
Tgt Ion:119 Resp: 252979
Ion Ratio Lower Upper
119 100
91 62.9 32.9 98.6
134 26.2 14.8 44.3



#84
1,2,4-Trimethylbenzene
Concen: 48.083 ug/l
RT: 13.635 min Scan# 2066
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion:105 Resp: 269825
Ion Ratio Lower Upper
105 100
120 45.7 23.7 71.1

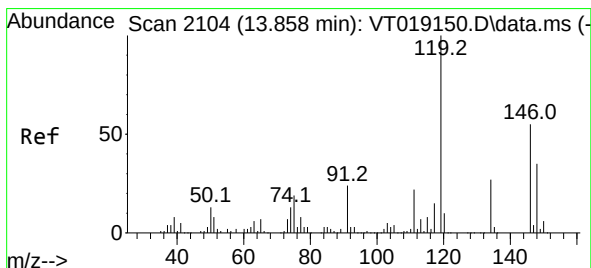
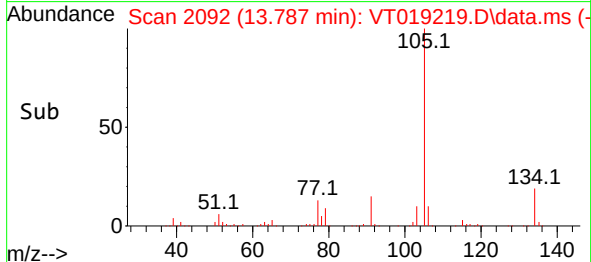
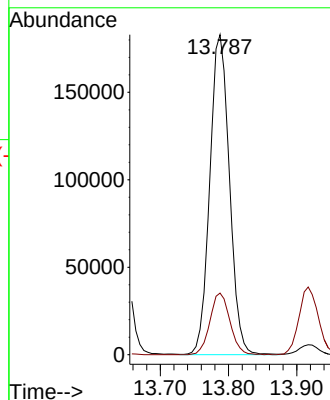
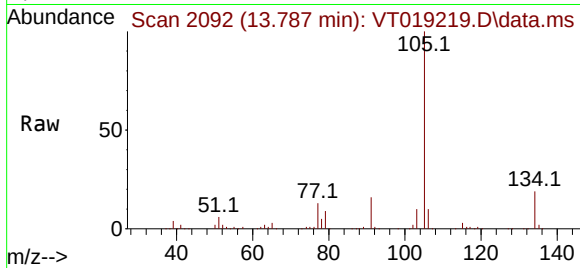




#85
 sec-Butylbenzene
 Concen: 48.825 ug/l
 RT: 13.787 min Scan# 2082
 Delta R.T. 0.058 min
 Lab File: VT019219.D
 Acq: 31 Oct 2025 10:00

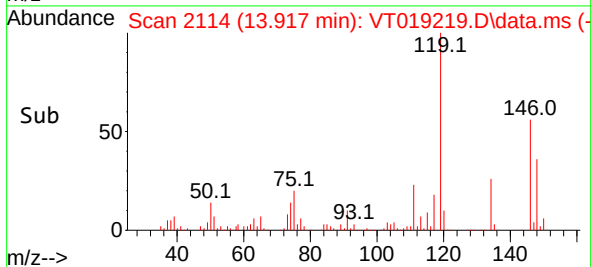
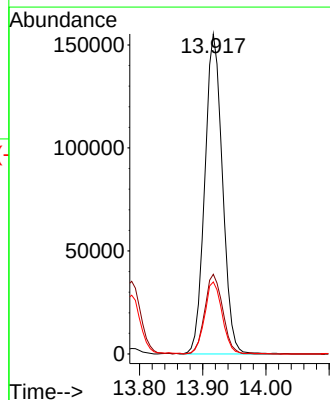
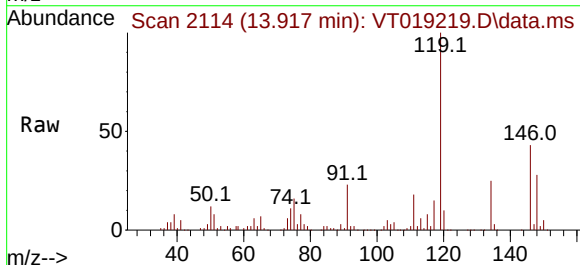
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC050

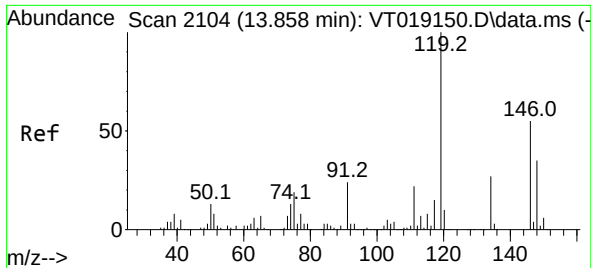
Tgt Ion:105 Resp: 366257
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 48.094 ug/l
 RT: 13.917 min Scan# 2114
 Delta R.T. 0.053 min
 Lab File: VT019219.D
 Acq: 31 Oct 2025 10:00

Tgt Ion:119 Resp: 301221
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.4 40.1
 91 22.4 11.7 35.1

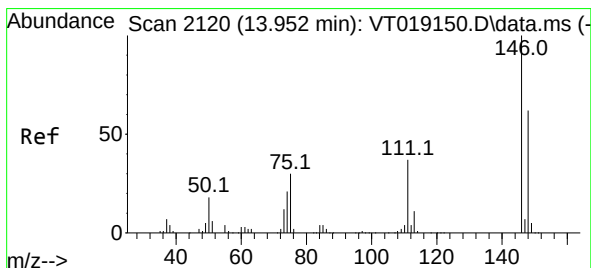
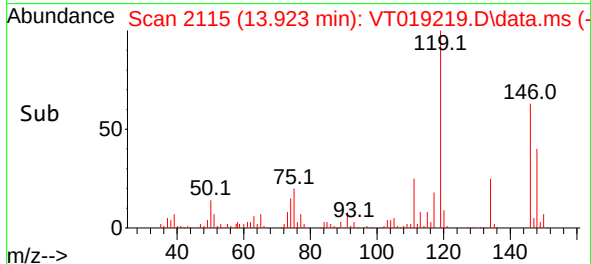
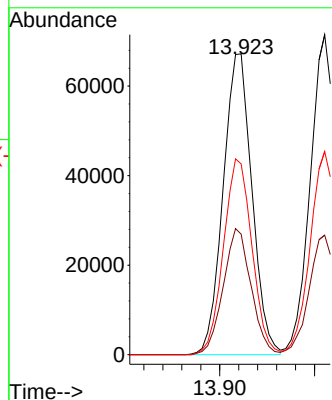
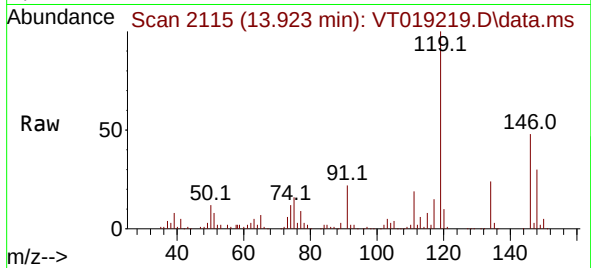




#87
1,3-Dichlorobenzene
Concen: 47.408 ug/l
RT: 13.923 min Scan# 2104
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

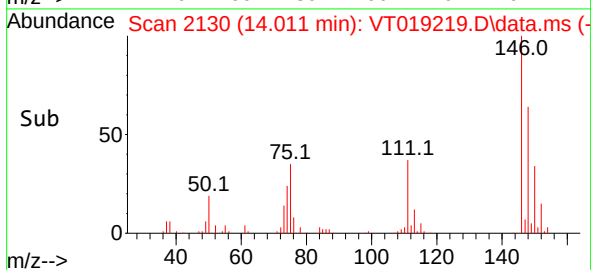
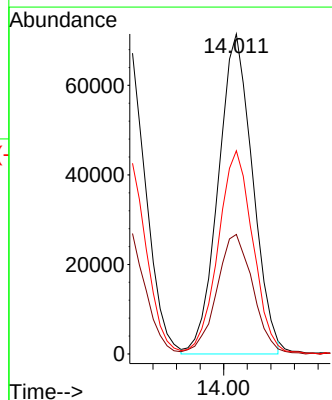
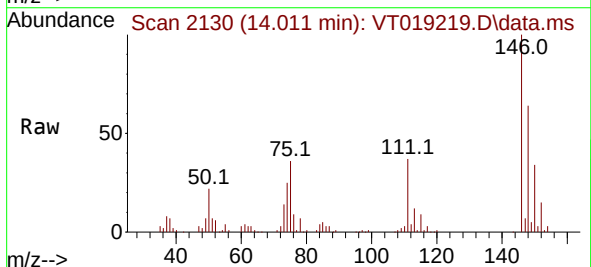
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

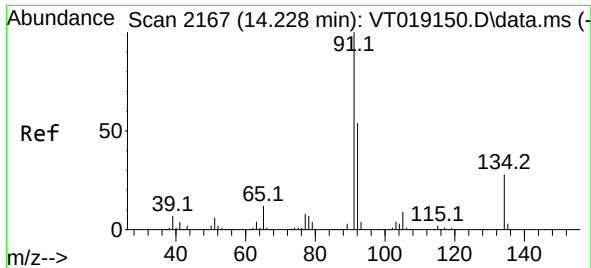
Tgt Ion:146 Resp: 141970
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 64.3 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 47.981 ug/l m
RT: 14.011 min Scan# 2130
Delta R.T. 0.059 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion:146 Resp: 144739
Ion Ratio Lower Upper
146 100
111 39.7 19.3 57.8
148 63.1 31.8 95.4

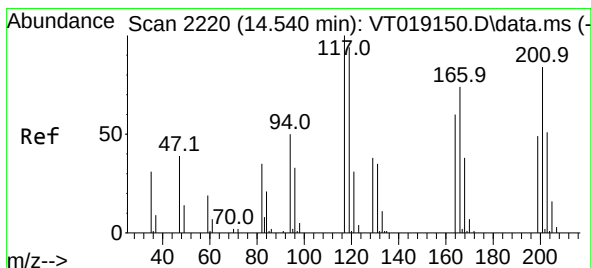
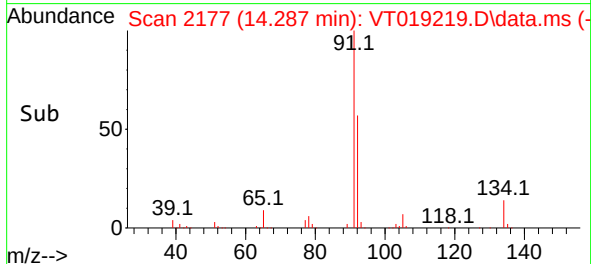
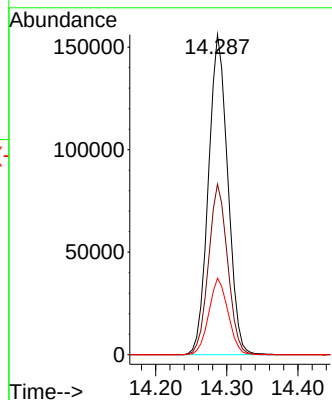
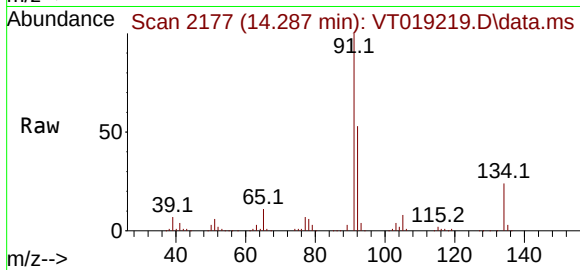




#89
n-Butylbenzene
Concen: 51.072 ug/l
RT: 14.287 min Scan# 2167
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

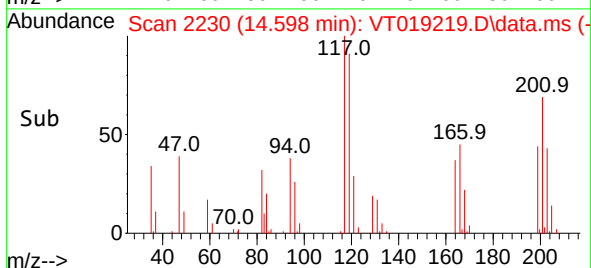
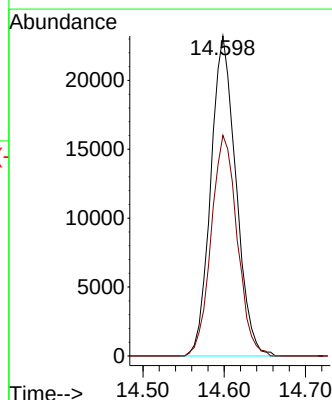
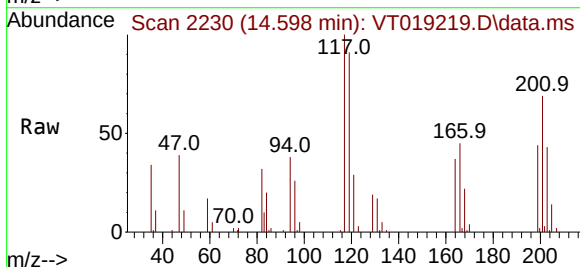
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

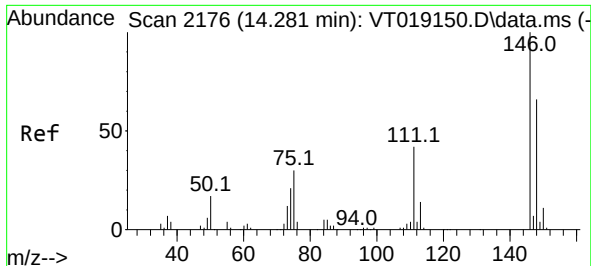
Tgt Ion: 91 Resp: 295457
Ion Ratio Lower Upper
91 100
92 52.6 27.1 81.2
134 23.8 13.7 41.0



#90
Hexachloroethane
Concen: 51.652 ug/l
RT: 14.598 min Scan# 2230
Delta R.T. 0.058 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 117 Resp: 49909
Ion Ratio Lower Upper
117 100
201 71.4 39.7 119.1

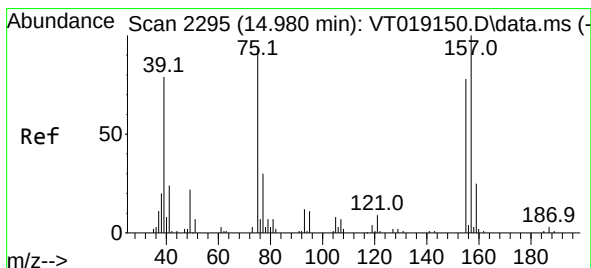
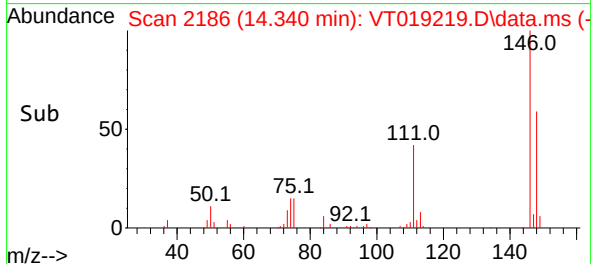
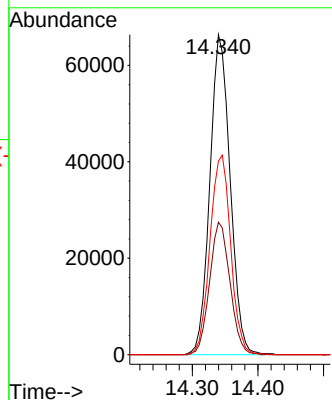
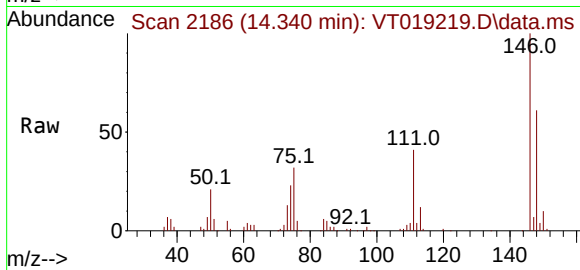




#91
1,2-Dichlorobenzene
Concen: 48.532 ug/l
RT: 14.340 min Scan# 2176
Delta R.T. 0.053 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

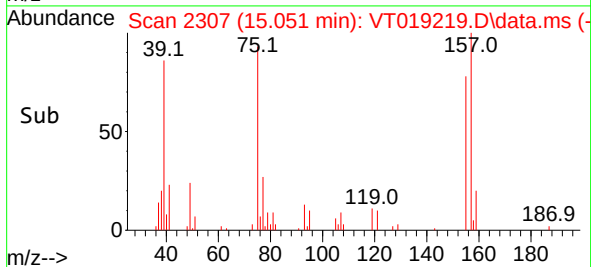
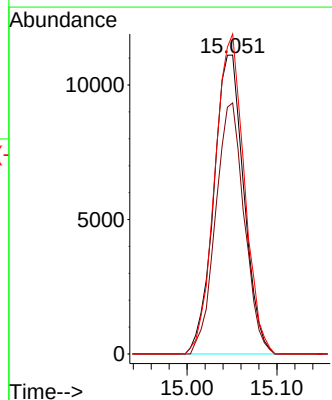
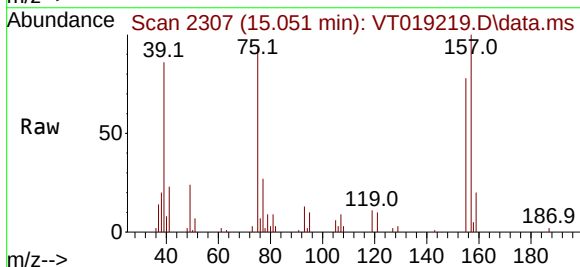
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC050

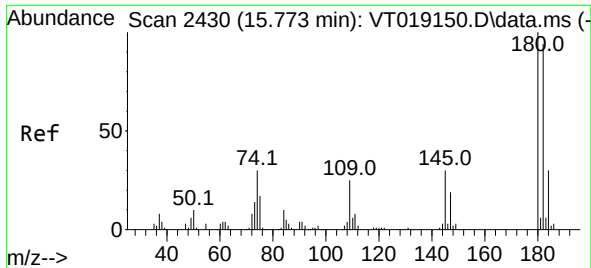
Tgt Ion:146 Resp: 142380
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.4
148 63.7 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.834 ug/l
RT: 15.051 min Scan# 2307
Delta R.T. 0.065 min
Lab File: VT019219.D
Acq: 31 Oct 2025 10:00

Tgt Ion: 75 Resp: 25841
Ion Ratio Lower Upper
75 100
155 80.2 42.9 128.7
157 104.9 54.9 164.8

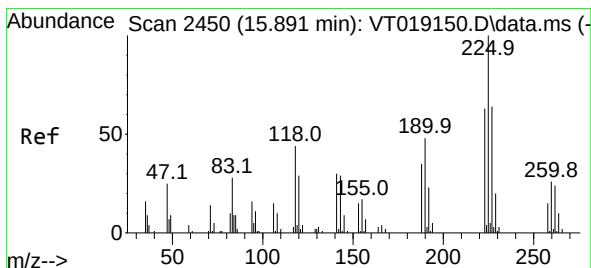
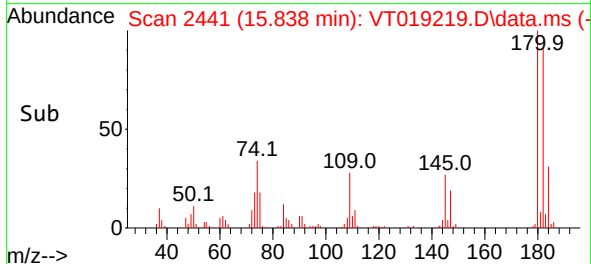
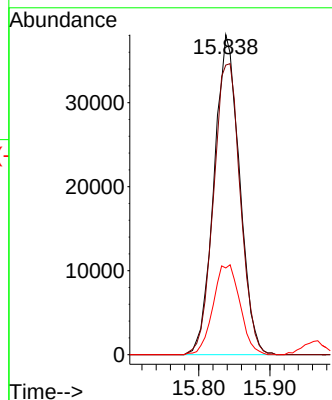
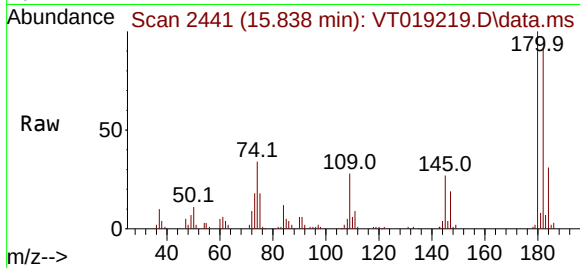




#93
 1,2,4-Trichlorobenzene
 Concen: 50.130 ug/l
 RT: 15.838 min Scan# 2441
 Delta R.T. 0.065 min
 Lab File: VT019219.D
 Acq: 31 Oct 2025 10:00

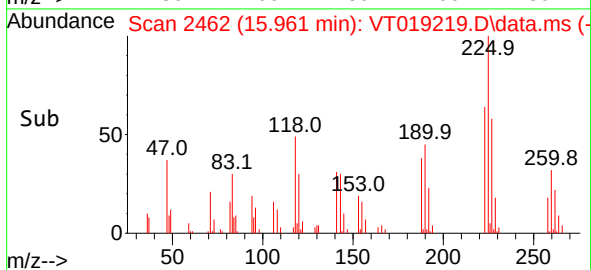
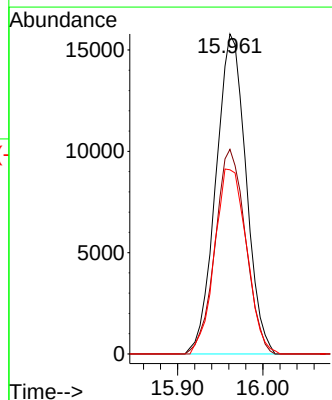
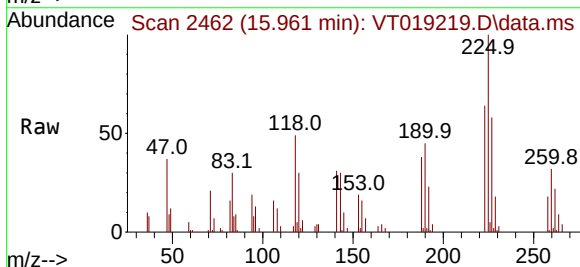
Instrument :
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 ClientSampleId :
 VSTDCCC050

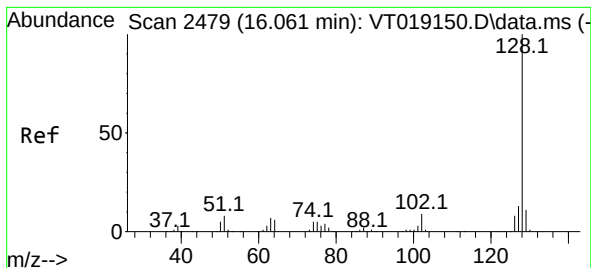
Tgt Ion:180 Resp: 94587
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.0 141.0
 145 29.7 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 49.844 ug/l
 RT: 15.961 min Scan# 2462
 Delta R.T. 0.064 min
 Lab File: VT019219.D
 Acq: 31 Oct 2025 10:00

Tgt Ion:225 Resp: 38790
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.1 93.5
 227 61.6 31.9 95.9





#95

Naphthalene

Concen: 51.418 ug/l

RT: 16.132 min Scan# 2479

Delta R.T. 0.071 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC050

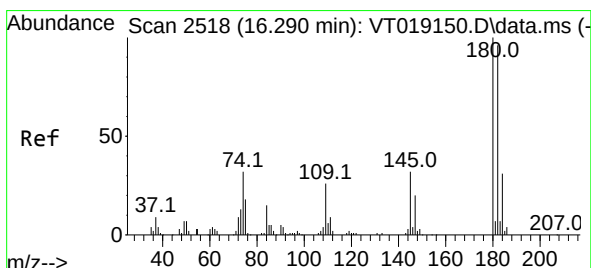
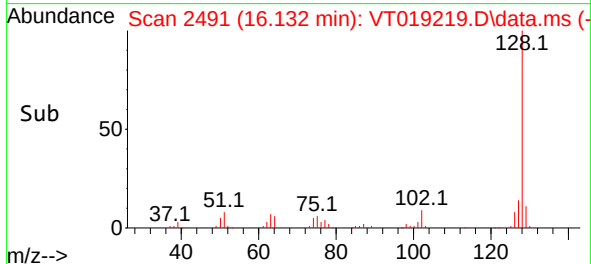
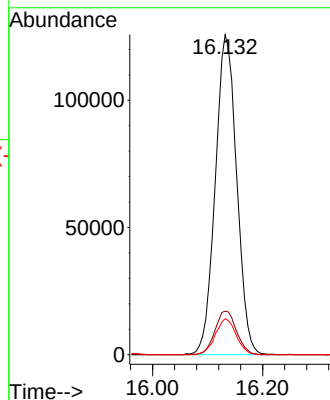
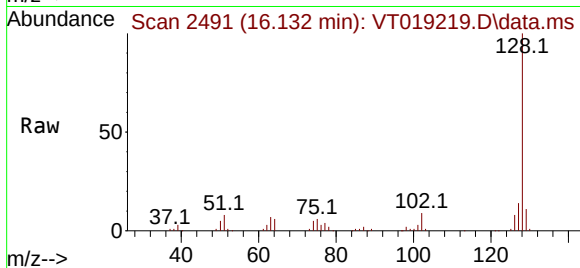
Tgt Ion:128 Resp: 339709

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.521 ug/l

RT: 16.367 min Scan# 2531

Delta R.T. 0.071 min

Lab File: VT019219.D

Acq: 31 Oct 2025 10:00

Tgt Ion:180 Resp: 94048

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.8

145 31.8 15.8 47.4

