

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102725\
 Data File : VT019190.D
 Acq On : 27 Oct 2025 14:48
 Operator : SY/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Oct 28 05:53:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.107	128	152	30.000	ug/l	# 0.03
28) 1,4-Difluorobenzene	8.535	114	163997	30.000	ug/l	-0.04
57) Chlorobenzene-d5	11.714	117	136591	30.000	ug/l	-0.04
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.924	65	69548	5222.567	ug/l	-0.05
Spiked Amount	30.000	Range	91 - 110	Recovery	= 17408.567%#	
60) 4-Bromofluorobenzene	12.848	95	63378	29.523	ug/l	-0.04
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.400%	
63) Toluene-d8	10.215	98	198275	29.824	ug/l	-0.04
Spiked Amount	30.000	Range	91 - 112	Recovery	= 99.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.866	85	12782	3064.103	ug/l	96
3) Chloromethane	2.066	50	8759	914.740	ug/l	92
4) Vinyl Chloride	2.183	62	26405	2467.447	ug/l	97
5) Bromomethane	2.524	94	26519	2983.937	ug/l	86
6) Chloroethane	2.665	64	22797	2415.510	ug/l	93
7) Trichlorofluoromethane	2.965	101	44013	2536.089	ug/l	98
8) Diethyl Ether	3.329	74	27449	2568.830	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.652	101	23261	3413.849	ug/l	98
10) 1,1-Dichloroethene	3.629	96	23907	3502.475	ug/l	91
11) Methyl Iodide	3.834	142	18897	2840.933	ug/l #	9
12) Methyl Acetate	4.181	43	85735	3176.349	ug/l	100
13) Acrolein	3.505	56	12514	13746.626	ug/l	99
14) Acrylonitrile	4.933	53	562	67.551	ug/l #	25
15) Acetone	3.705	58	44148	14893.996	ug/l	93
16) Carbon Disulfide	3.923	76	33691	2642.766	ug/l	99
17) Allyl chloride	4.175	41	50135	3089.886	ug/l	94
18) Methylene Chloride	4.387	84	30306	2976.933	ug/l	98
19) trans-1,2-Dichloroethene	6.749	96	55	5.237	ug/l #	64
20) Diisopropyl ether	5.891	45	225	5.447	ug/l #	41
21) 1,1-Dichloroethane	5.650	63	55660	2883.951	ug/l	97
22) cis-1,2-Dichloroethene	6.637	96	31129	2964.199	ug/l	94
23) tert-Butyl Alcohol	4.622	59	53022	14546.865	ug/l #	100
24) Methyl tert-Butyl Ether	4.863	73	120925	2948.303	ug/l	97
25) Chloroform	7.307	83	331	18.749	ug/l	84
26) Cyclohexane	7.624	56	49716	4389.684	ug/l #	19
29) 1,1-Dichloropropene	7.671	75	29097	16.956	ug/l	96
30) 2-Butanone	6.649	43	172898	81.740	ug/l	99
31) 2,2-Dichloropropane	6.719	77	462	0.184	ug/l #	59
32) 1,1,1-Trichloroethane	7.501	97	224	0.104	ug/l #	60
33) Carbon Tetrachloride	7.718	117	313	0.226	ug/l #	3
34) Benzene	7.936	78	108131	17.008	ug/l #	80
35) Methacrylonitrile	7.001	41	32879	18.262	ug/l	93
36) 1,2-Dichloroethane	8.024	62	40958	17.378	ug/l	99
37) Trichloroethene	8.805	130	20405	17.446	ug/l	98
38) Methylcyclohexane	9.075	83	29614	17.137	ug/l	96
39) 1,2-Dichloropropane	9.122	63	28852	17.327	ug/l	94
40) Dibromomethane	9.216	93	17551	17.095	ug/l #	73
41) Bromodichloromethane	10.820	83	160	0.121	ug/l #	28
42) Vinyl Acetate	5.697	43	437079	84.222	ug/l	99

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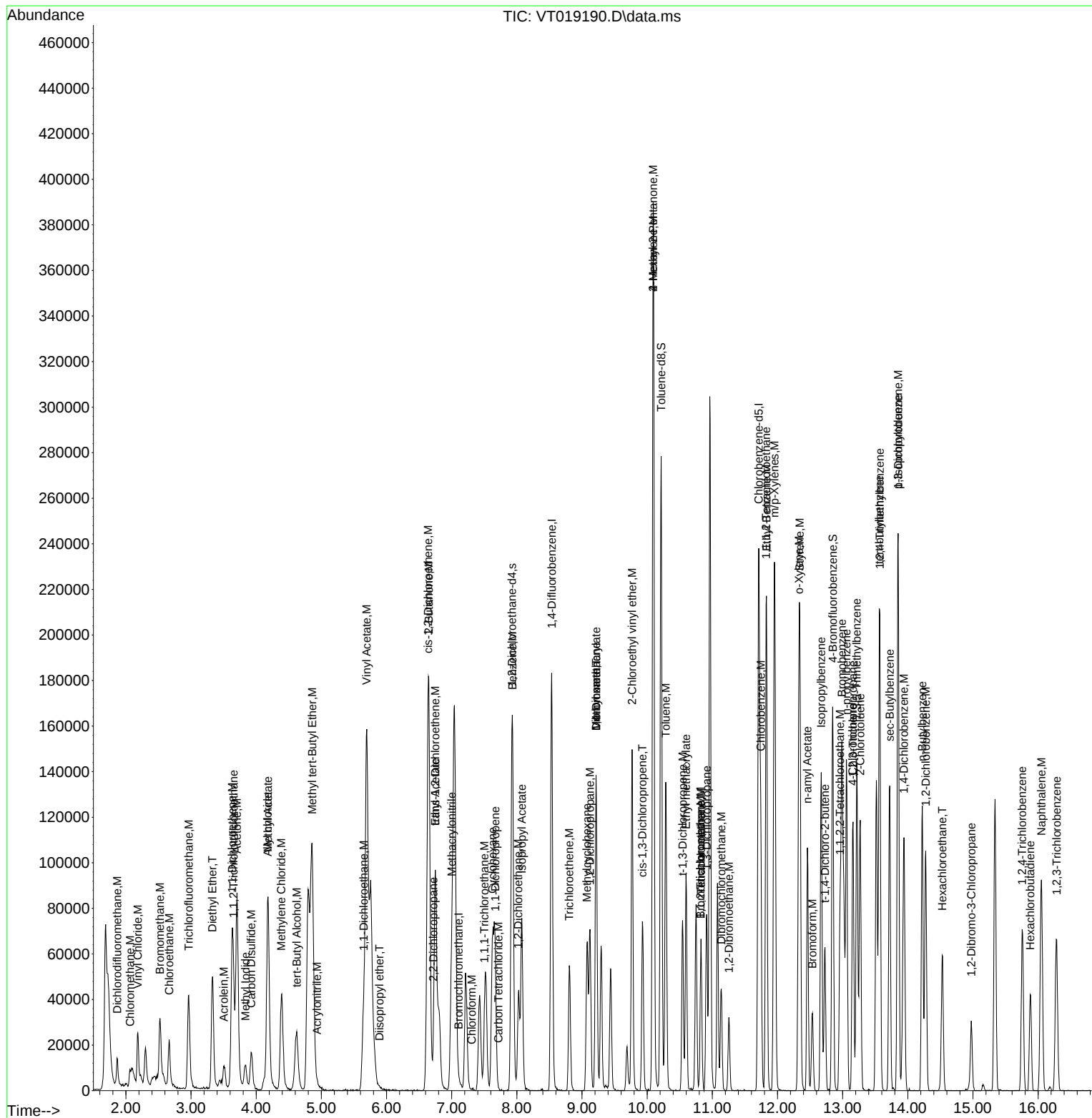
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.749	43	62616	18.008	ug/l #	84
44) Isopropyl Acetate	8.077	43	94180	17.210	ug/l	98
45) 1,4-Dioxane	9.216	88	18044	380.072	ug/l #	78
46) Methyl methacrylate	9.216	41	42138	17.221	ug/l	84
47) n-amyl Acetate	12.460	43	63306	17.191	ug/l	100
48) t-1,3-Dichloropropene	10.544	75	42950	17.949	ug/l	98
49) cis-1,3-Dichloropropene	9.927	75	44121	17.552	ug/l	98
50) 1,1,2-Trichloroethane	10.820	97	64	0.042	ug/l #	41
51) Ethyl methacrylate	10.597	69	50835	17.963	ug/l	95
52) 1,3-Dichloropropane	10.915	76	46994	17.424	ug/l	100
53) Dibromochloromethane	11.138	129	26199	18.599	ug/l #	1
54) 1,2-Dibromoethane	11.255	107	24371	17.352	ug/l	99
55) 2-Chloroethyl vinyl ether	9.769	63	68324	82.778	ug/l	98
56) Bromoform	12.536	173	17856	19.282	ug/l #	18
58) 4-Methyl-2-Pentanone	10.092	43	279402	83.527	ug/l	99
59) 2-Hexanone	10.092	43	279402	83.527	ug/l #	82
61) Tetrachloroethene	10.826	164	15338	17.765	ug/l	97
62) Toluene	10.286	91	106515	17.410	ug/l	99
64) Chlorobenzene	11.743	112	64582	17.282	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.825	131	21884	17.978	ug/l	92
66) Ethyl Benzene	11.831	91	115209	17.327	ug/l	97
67) m/p-Xylenes	11.954	106	85862	34.738	ug/l	96
68) o-Xylene	12.331	106	43675	17.119	ug/l	94
69) Styrene	12.342	104	77917	17.011	ug/l	96
70) Isopropylbenzene	12.671	105	108853	17.395	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.959	83	43545	17.735	ug/l	98
72) 1,2,3-Trichloropropane	13.159	75	2376	1.311	ug/l #	1
73) Bromobenzene	12.989	156	25723	17.480	ug/l	62
74) n-propylbenzene	13.059	91	132267	17.528	ug/l	99
75) 2-Chlorotoluene	13.271	91	81908	17.731	ug/l	98
76) 1,3,5-Trimethylbenzene	13.218	105	92250	17.968	ug/l	98
77) t-1,4-Dichloro-2-butene	12.730	75	16610	18.861	ug/l	85
78) 4-Chlorotoluene	13.153	91	80784	17.728	ug/l	96
79) tert-butylbenzene	13.564	119	24174	5.302	ug/l	68
80) 1,2,4-Trimethylbenzene	13.570	105	93593	17.473	ug/l	98
81) sec-Butylbenzene	13.723	105	114689	17.456	ug/l	99
82) p-Isopropyltoluene	13.852	119	95976	17.559	ug/l	97
83) 1,3-Dichlorobenzene	13.852	146	52235	18.100	ug/l	98
84) 1,4-Dichlorobenzene	13.940	146	51250	17.638	ug/l	99
85) n-Butylbenzene	14.222	91	86543	17.300	ug/l	98
86) Hexachloroethane	14.528	117	15068	20.571	ug/l #	1
87) 1,2-Dichlorobenzene	14.275	146	52053	18.055	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.975	75	9715	18.009	ug/l	98
89) 1,2,4-Trichlorobenzene	15.756	180	31012	17.670	ug/l	96
90) Hexachlorobutadiene	15.879	225	10523	18.083	ug/l	82
91) Naphthalene	16.050	128	114401	16.864	ug/l	98
92) 1,2,3-Trichlorobenzene	16.285	180	31431	17.742	ug/l	97

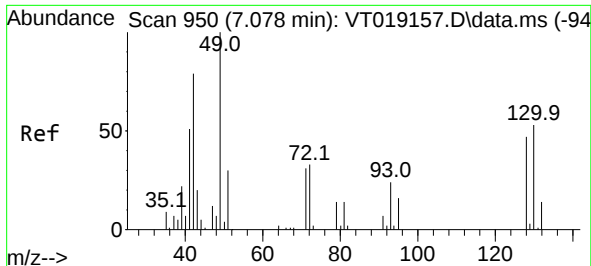
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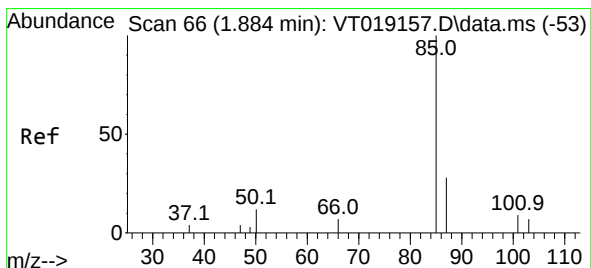
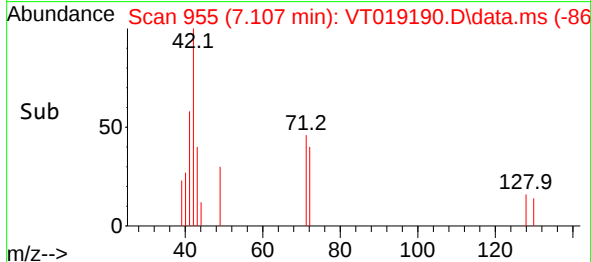
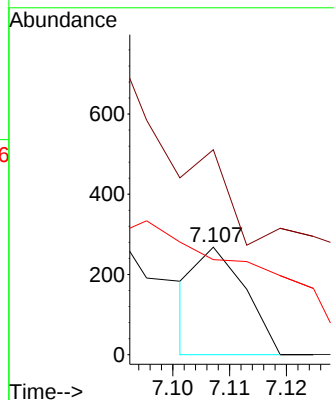
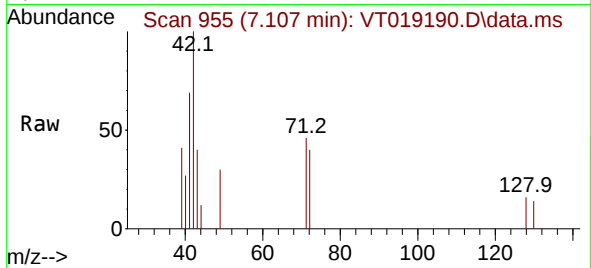




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.107 min Scan# 91
Delta R.T. 0.029 min
Lab File: VT019190.D
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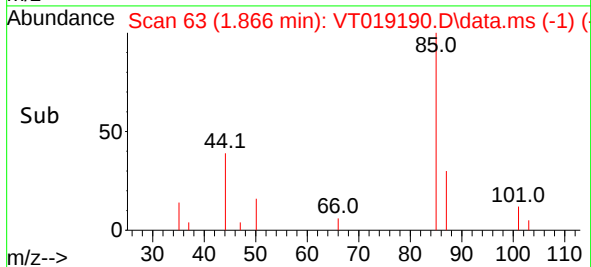
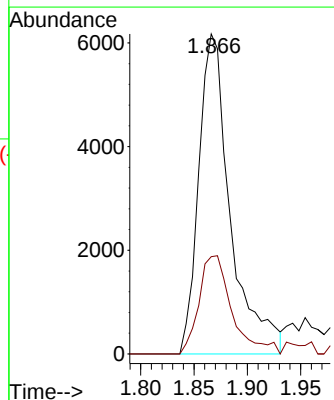
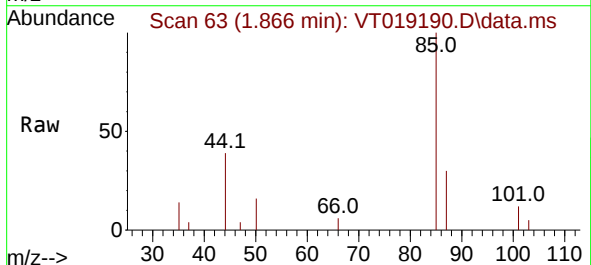
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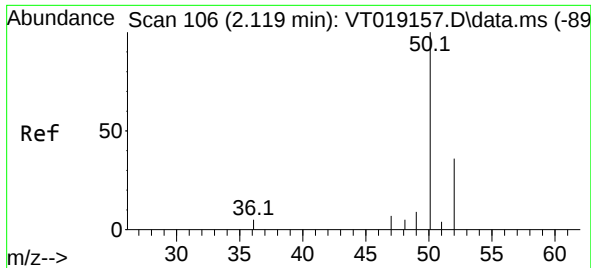
Tgt Ion:128 Resp: 152
Ion Ratio Lower Upper
128 100
49 255.9 0.0 0.0#
130 0.0 0.0 0.0



#2
Dichlorodifluoromethane
Concen: 3064.103 ug/l
RT: 1.866 min Scan# 63
Delta R.T. -0.012 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 85 Resp: 12782
Ion Ratio Lower Upper
85 100
87 30.4 16.4 49.1

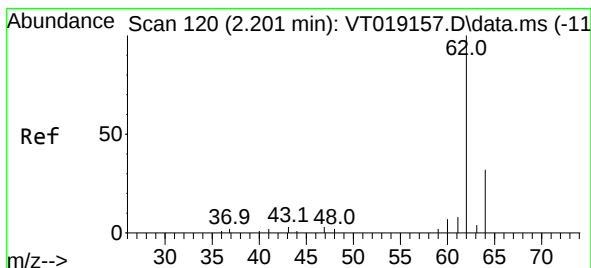
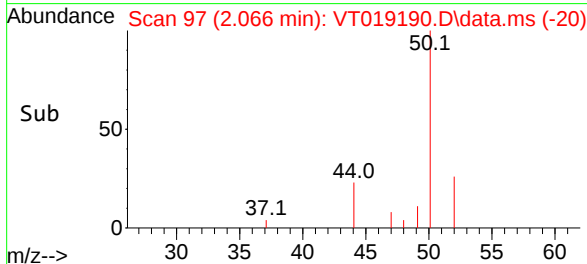
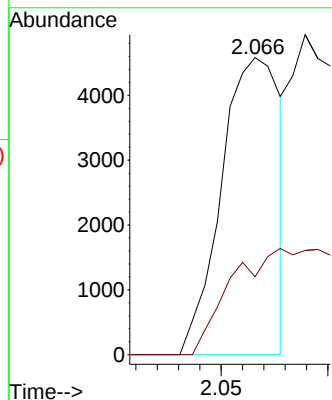
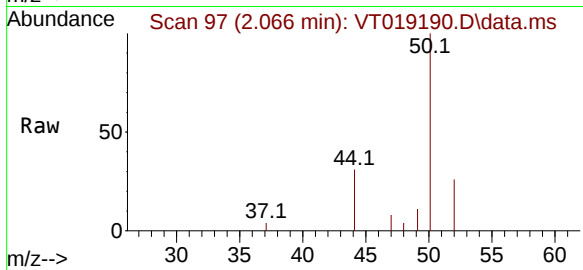




#3
Chloromethane
Concen: 914.740 ug/l
RT: 2.066 min Scan# 91
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

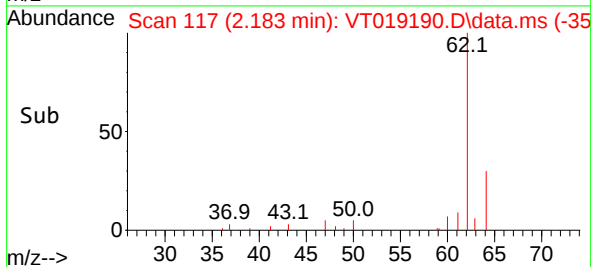
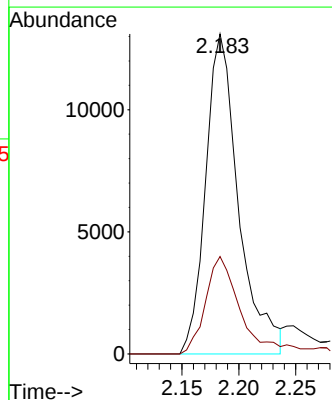
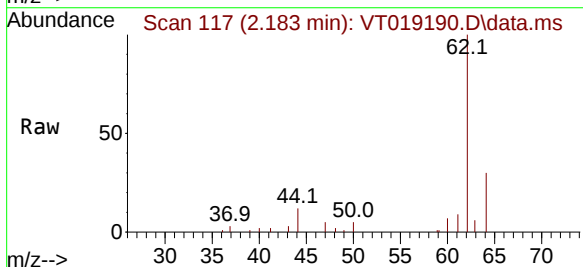
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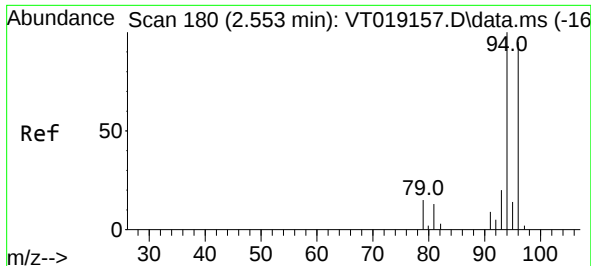
Tgt Ion: 50 Resp: 8759
Ion Ratio Lower Upper
50 100
52 26.2 24.4 36.6



#4
Vinyl Chloride
Concen: 2467.447 ug/l
RT: 2.183 min Scan# 117
Delta R.T. -0.018 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 62 Resp: 26405
Ion Ratio Lower Upper
62 100
64 30.4 25.7 38.5

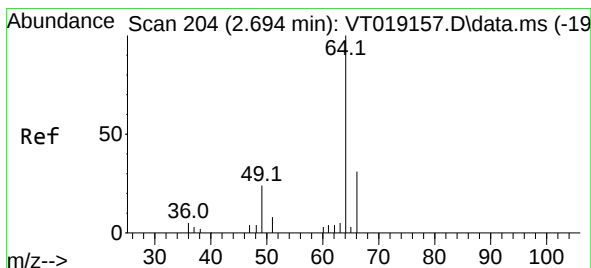
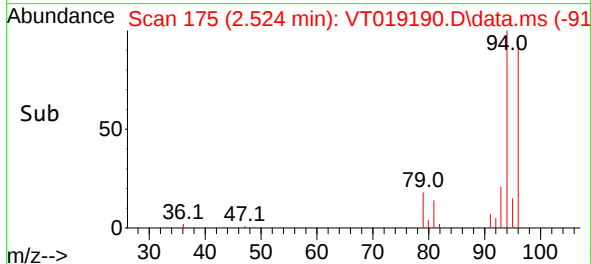
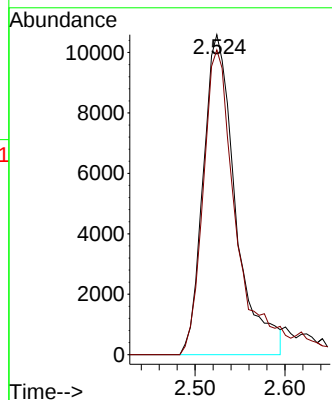
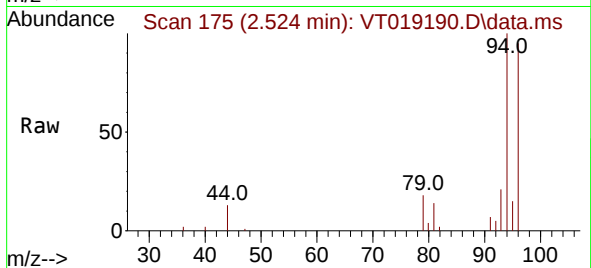




#5
Bromomethane
Concen: 2983.937 ug/l
RT: 2.524 min Scan# 11
Delta R.T. -0.006 min
Lab File: VT019190.D
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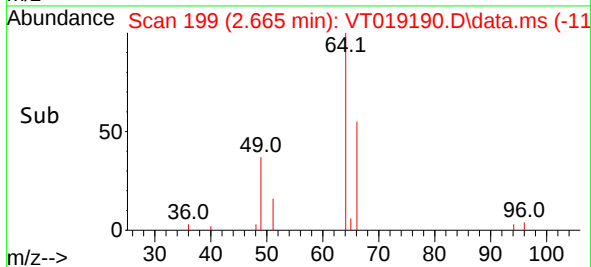
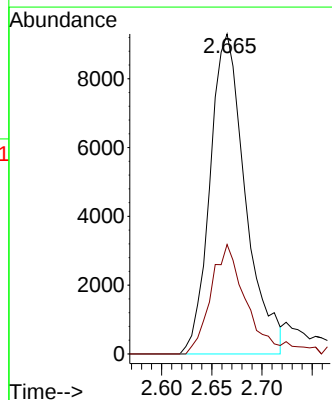
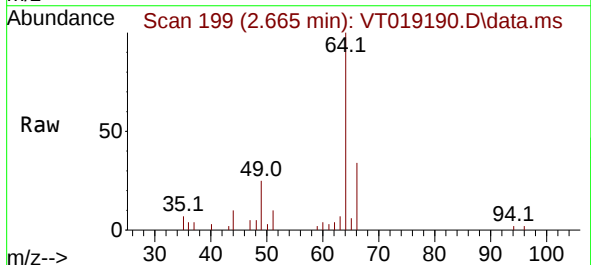
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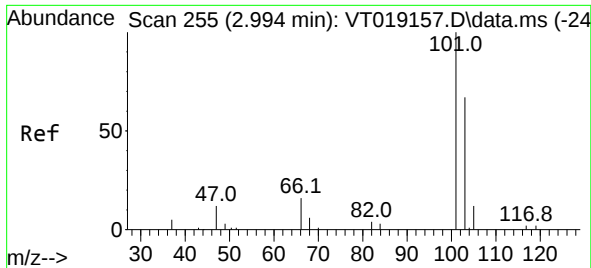
Tgt Ion: 94 Resp: 26519
Ion Ratio Lower Upper
94 100
96 95.3 66.0 99.0



#6
Chloroethane
Concen: 2415.510 ug/l
RT: 2.665 min Scan# 199
Delta R.T. -0.012 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 64 Resp: 22797
Ion Ratio Lower Upper
64 100
66 34.2 24.3 36.5

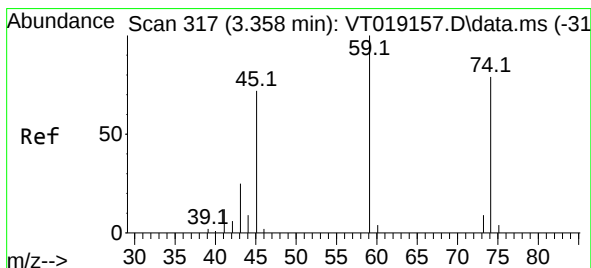
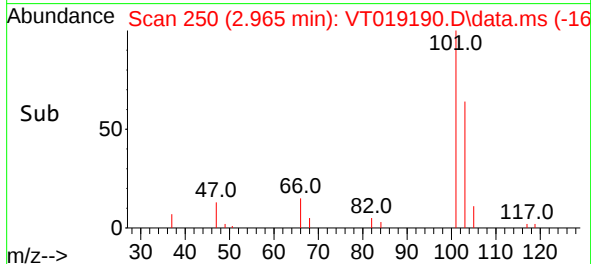
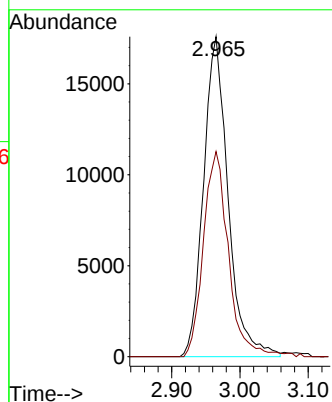
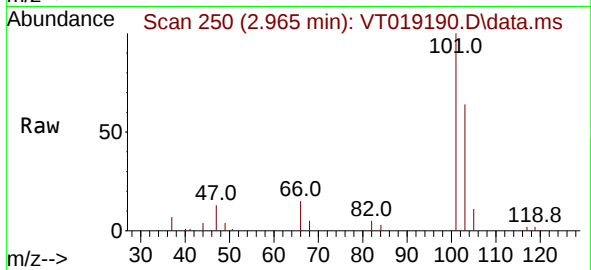




#7
 Trichlorofluoromethane
 Concen: 2536.089 ug/l
 RT: 2.965 min Scan# 210
 Delta R.T. -0.017 min
 Lab File: VT019190.D
 Acq: 27 Oct 2025 14:48

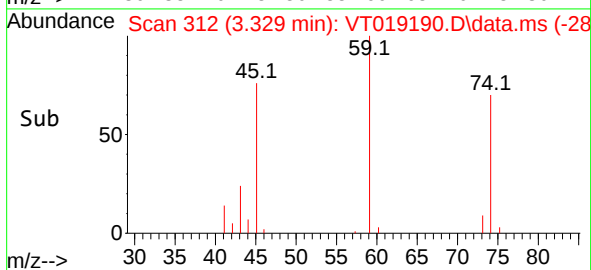
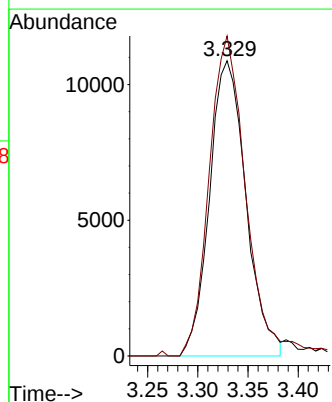
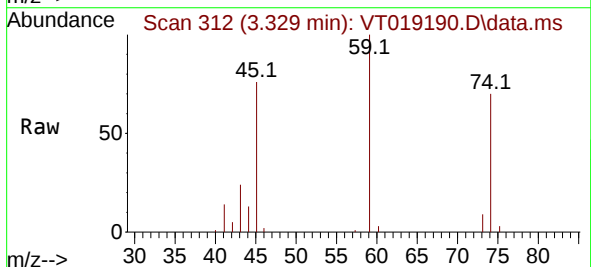
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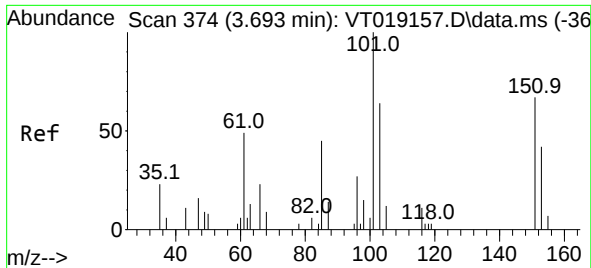
Tgt Ion:101 Resp: 44013
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.4 78.6



#8
 Diethyl Ether
 Concen: 2568.830 ug/l
 RT: 3.329 min Scan# 312
 Delta R.T. -0.029 min
 Lab File: VT019190.D
 Acq: 27 Oct 2025 14:48

Tgt Ion: 74 Resp: 27449
 Ion Ratio Lower Upper
 74 100
 45 107.4 22.0 197.6

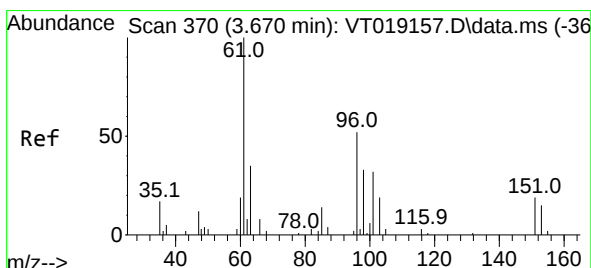
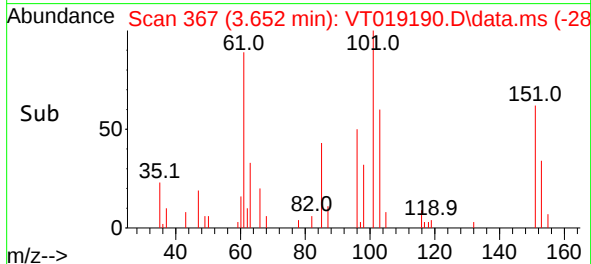
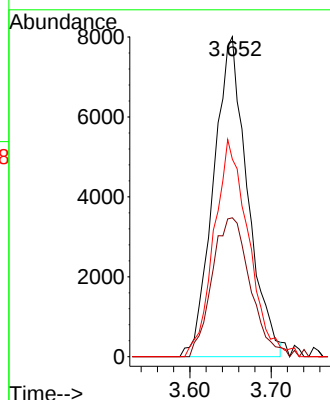
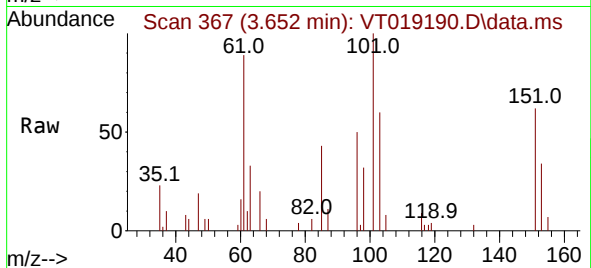




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 3413.849 ug/l
 RT: 3.652 min Scan# 30
 Delta R.T. -0.030 min
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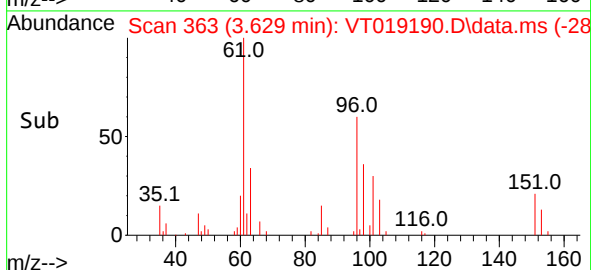
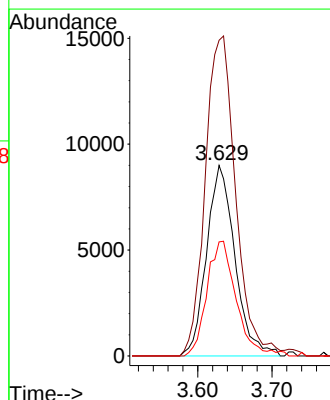
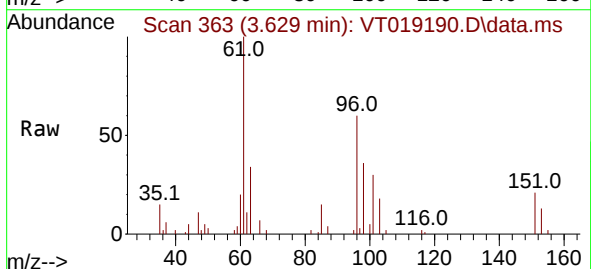
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020EC

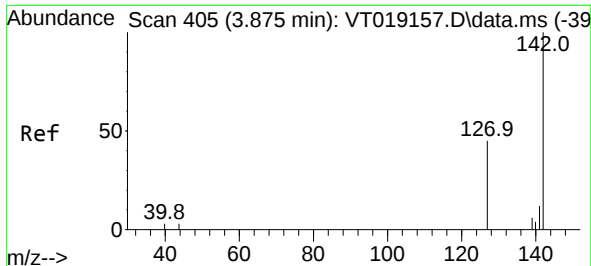
Tgt Ion:101 Resp: 23261
 Ion Ratio Lower Upper
 101 100
 85 48.6 0.0 91.8
 151 68.5 0.0 137.2



#10
 1,1-Dichloroethene
 Concen: 3502.475 ug/l
 RT: 3.629 min Scan# 363
 Delta R.T. -0.041 min
 Lab File: VT019190.D
 Acq: 27 Oct 2025 14:48

Tgt Ion: 96 Resp: 23907
 Ion Ratio Lower Upper
 96 100
 61 165.6 145.5 218.3
 98 59.8 49.5 74.3

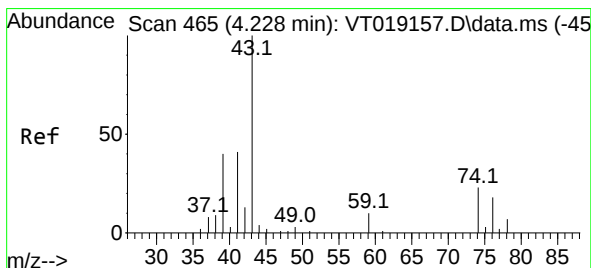
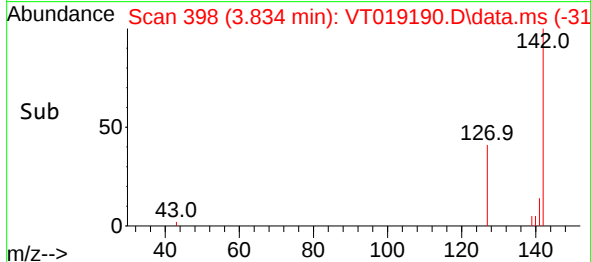
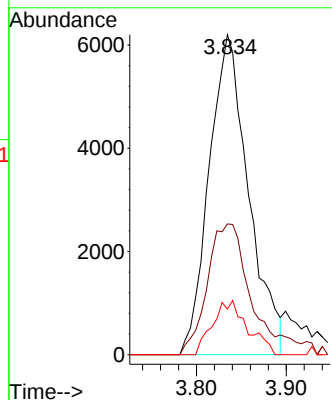
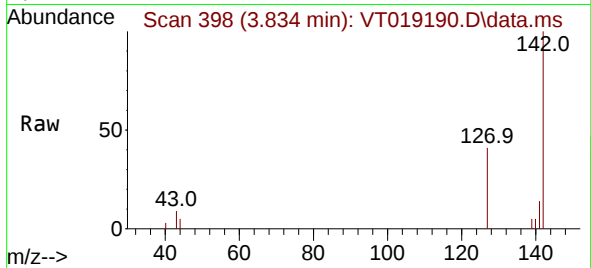




#11
Methyl Iodide
Concen: 2840.933 ug/l
RT: 3.834 min Scan# 398
Delta R.T. -0.036 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

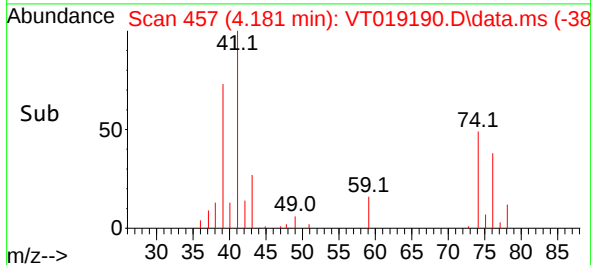
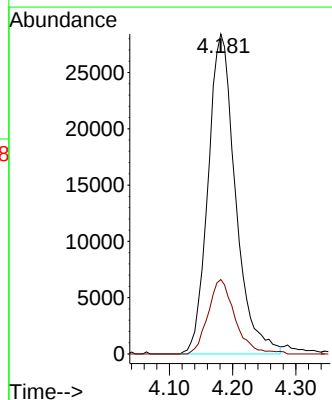
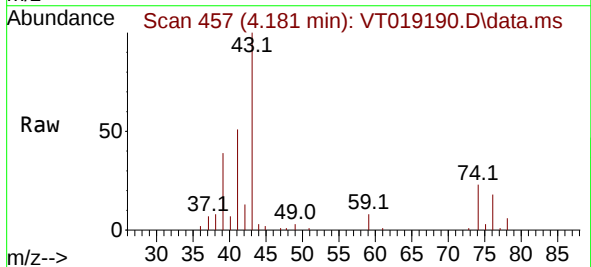
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

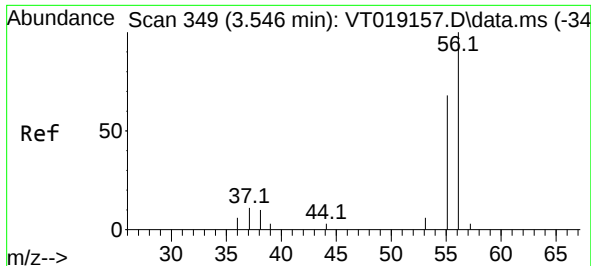
Tgt Ion:142 Resp: 18897
Ion Ratio Lower Upper
142 100
127 40.1 0.9 2.8#
141 15.1 55.5 166.5#



#12
Methyl Acetate
Concen: 3176.349 ug/l
RT: 4.181 min Scan# 457
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 43 Resp: 85735
Ion Ratio Lower Upper
43 100
74 23.1 18.4 27.6

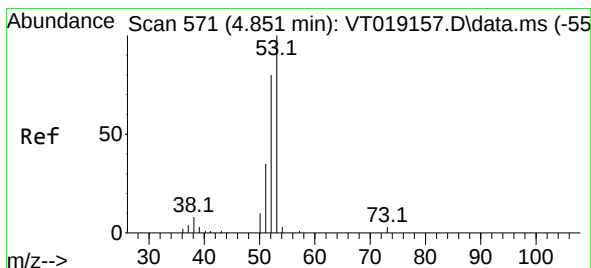
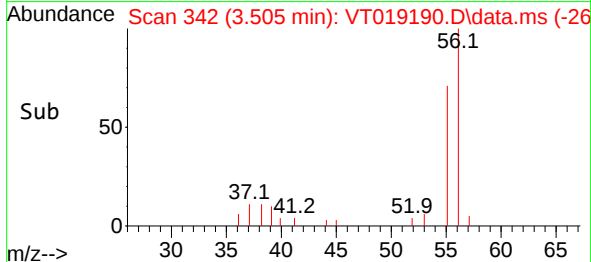
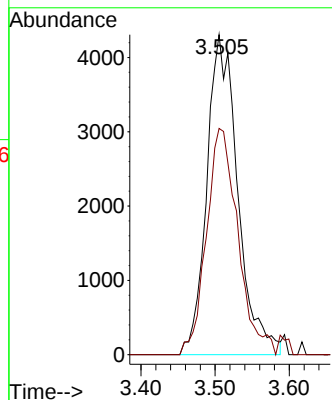
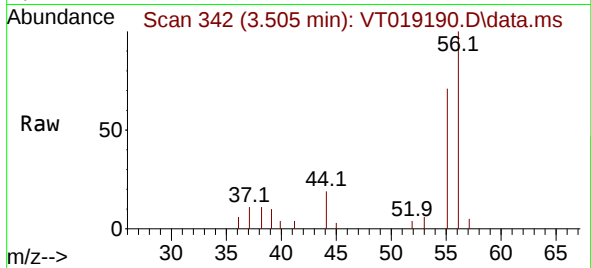




#13
Acrolein
Concen: 13746.626 ug/l
RT: 3.505 min Scan# 34
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

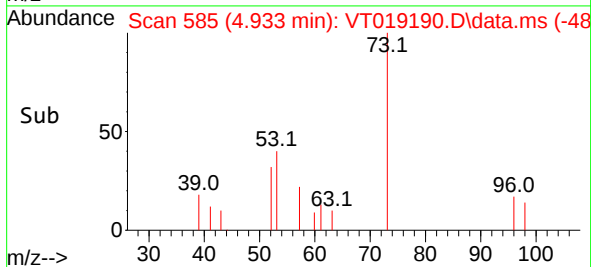
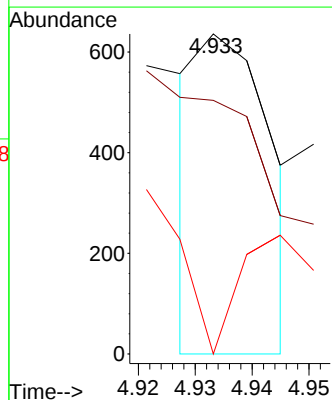
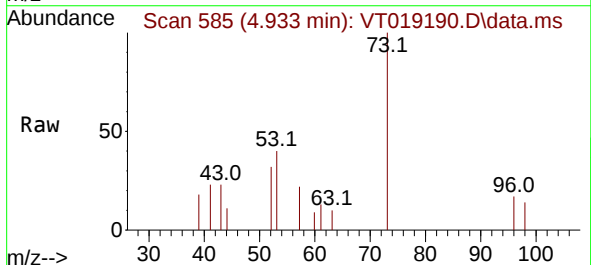
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

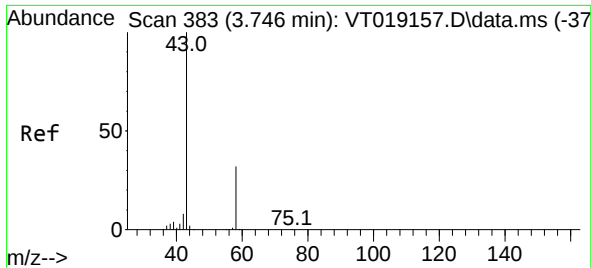
Tgt Ion: 56 Resp: 12514
Ion Ratio Lower Upper
56 100
55 70.4 56.8 85.2



#14
Acrylonitrile
Concen: 67.551 ug/l
RT: 4.933 min Scan# 585
Delta R.T. 0.082 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 53 Resp: 562
Ion Ratio Lower Upper
53 100
52 0.0 41.3 123.7#
51 54.4 17.2 51.5#

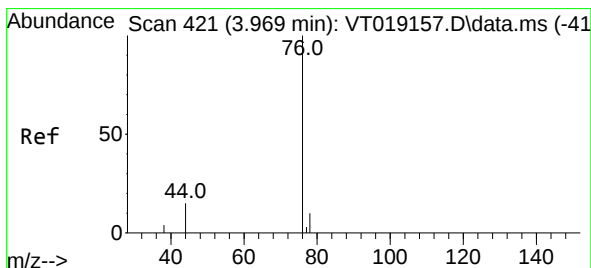
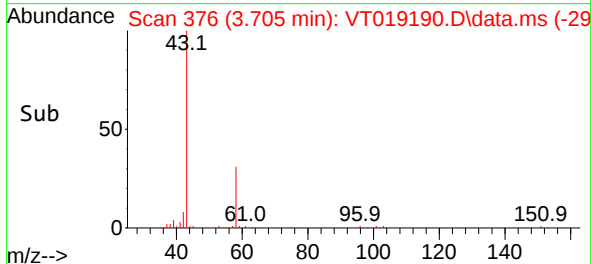
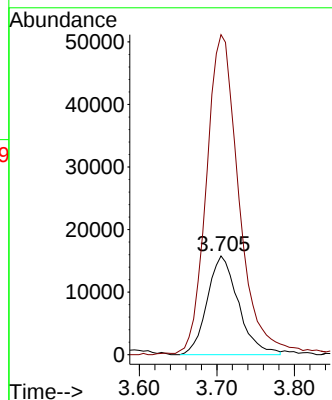
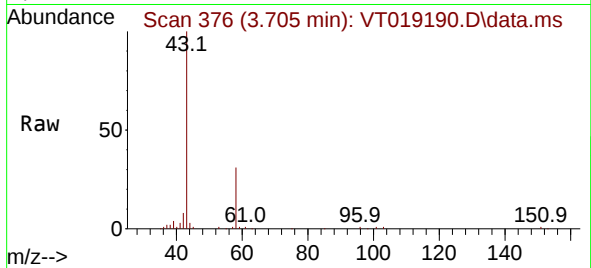




#15
Acetone
Concen: 14893.996 ug/l
RT: 3.705 min Scan# 31
Delta R.T. -0.035 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

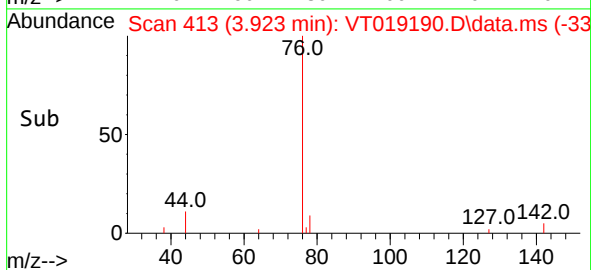
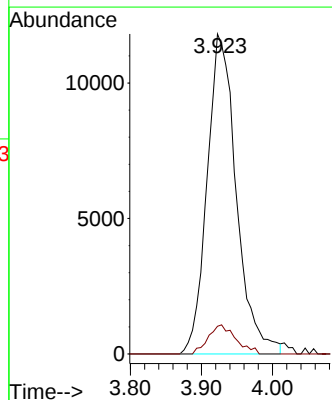
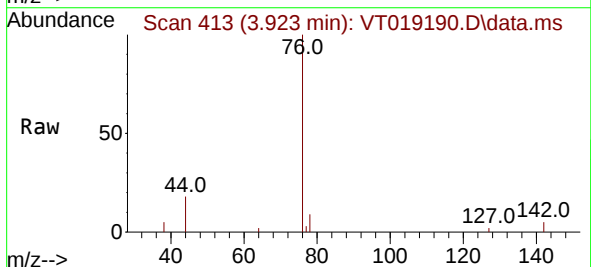
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

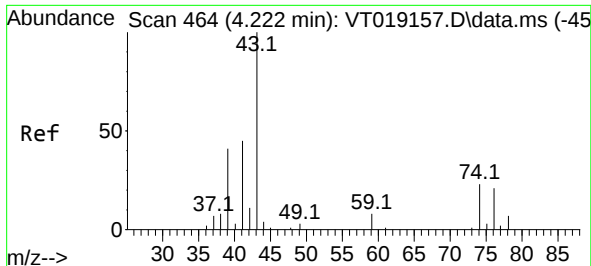
Tgt Ion: 58 Resp: 44148
Ion Ratio Lower Upper
58 100
43 319.8 266.9 400.3



#16
Carbon Disulfide
Concen: 2642.766 ug/l
RT: 3.923 min Scan# 413
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 76 Resp: 33691
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

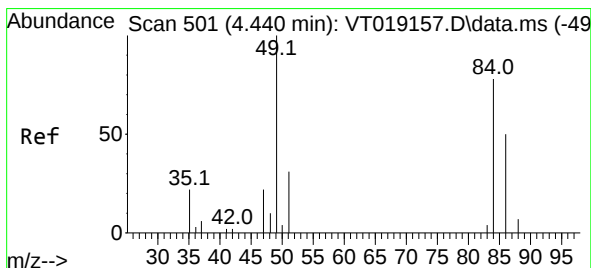
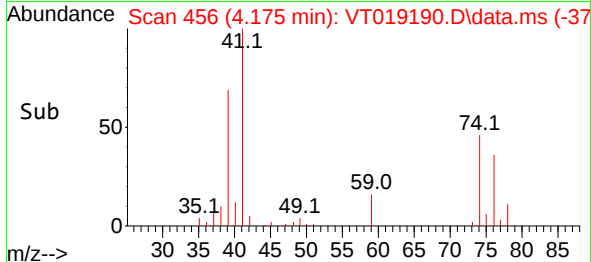
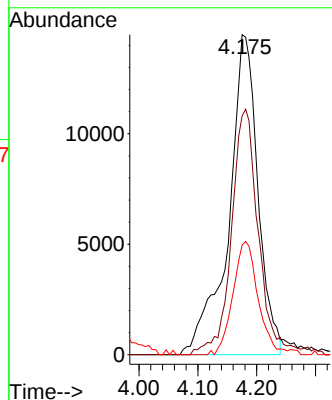
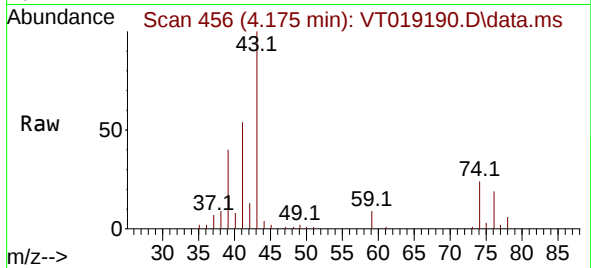




#17
 Allyl chloride
 Concen: 3089.886 ug/l
 RT: 4.175 min Scan# 41
 Delta R.T. -0.047 min
 Lab File: VT019190.D
 Acq: 27 Oct 2025 14:48

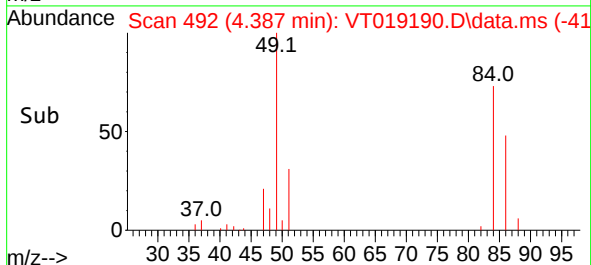
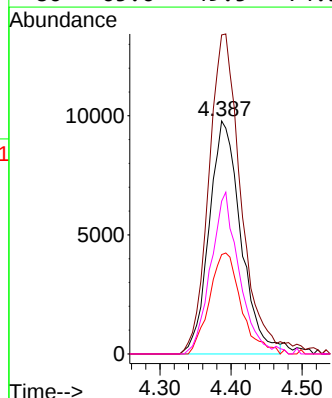
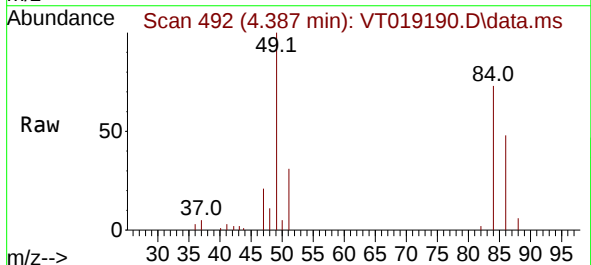
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020EC

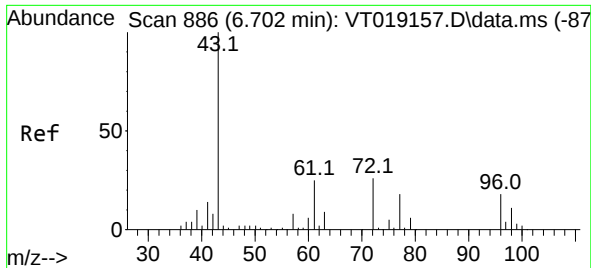
Tgt Ion: 41 Resp: 50135
 Ion Ratio Lower Upper
 41 100
 39 74.6 34.3 102.8
 76 34.2 16.7 50.0



#18
 Methylene Chloride
 Concen: 2976.933 ug/l
 RT: 4.387 min Scan# 492
 Delta R.T. -0.041 min
 Lab File: VT019190.D
 Acq: 27 Oct 2025 14:48

Tgt Ion: 84 Resp: 30306
 Ion Ratio Lower Upper
 84 100
 49 136.9 107.9 161.9
 51 42.6 33.4 50.2
 86 65.6 49.5 74.3

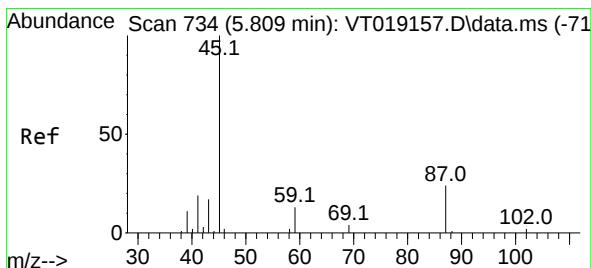
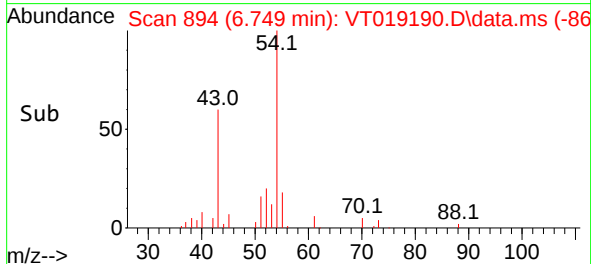
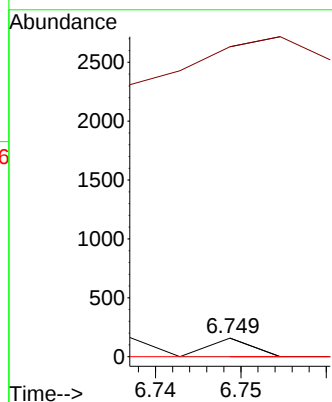
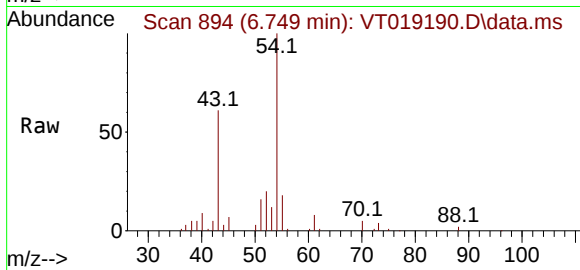




#19
trans-1,2-Dichloroethene
Concen: 5.237 ug/l
RT: 6.749 min Scan# 894
Delta R.T. 0.059 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

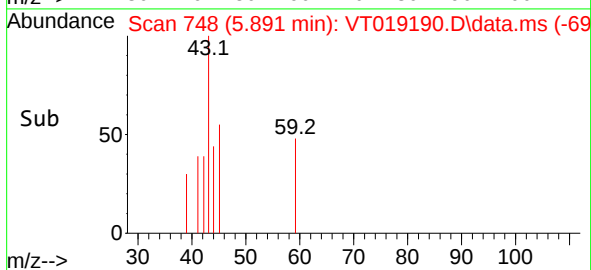
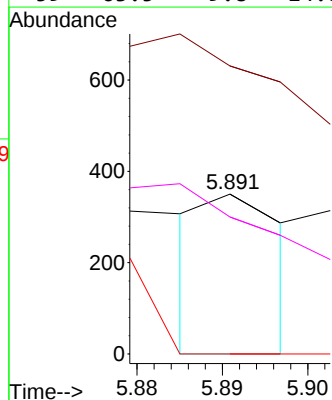
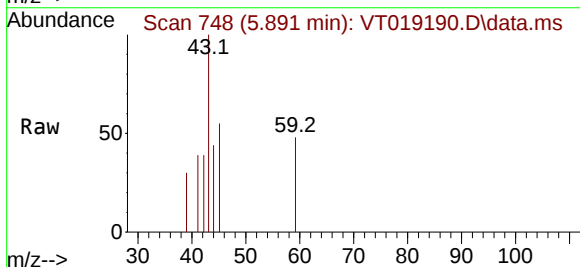
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

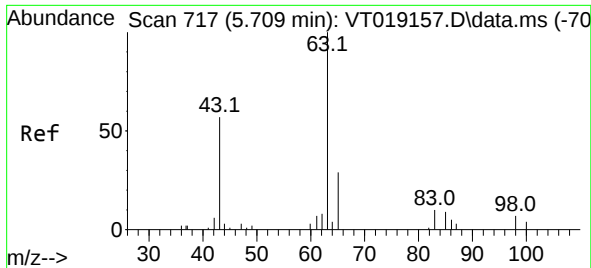
Tgt Ion: 96 Resp: 55
Ion Ratio Lower Upper
96 100
61 129.9 122.3 183.5
98 0.0 50.2 75.2#



#20
Diisopropyl ether
Concen: 5.447 ug/l
RT: 5.891 min Scan# 748
Delta R.T. 0.088 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 45 Resp: 225
Ion Ratio Lower Upper
45 100
43 55.6 89.1 133.7#
87 0.0 21.3 31.9#
59 63.5 9.8 14.8#

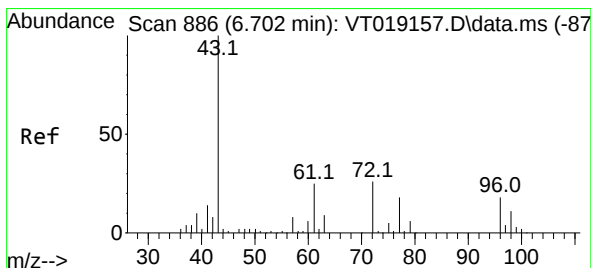
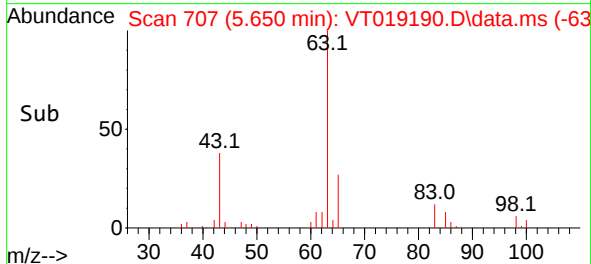
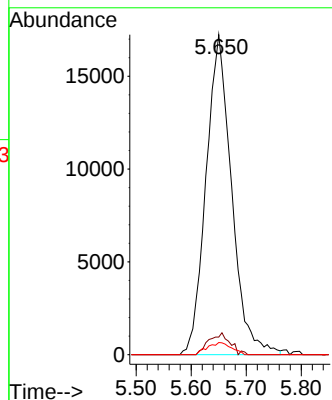
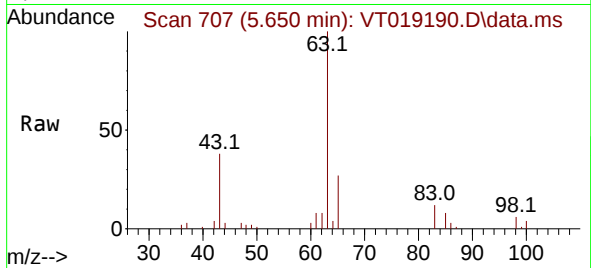




#21
1,1-Dichloroethane
Concen: 2883.951 ug/l
RT: 5.650 min Scan# 707
Delta R.T. -0.059 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

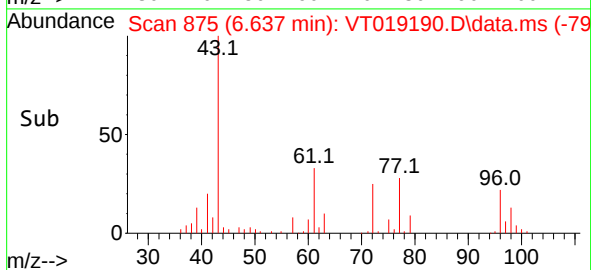
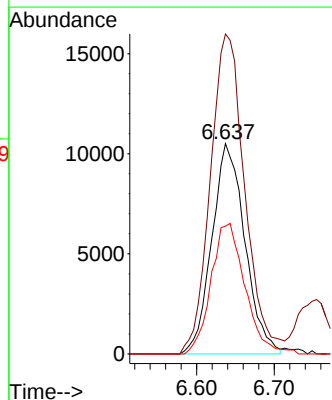
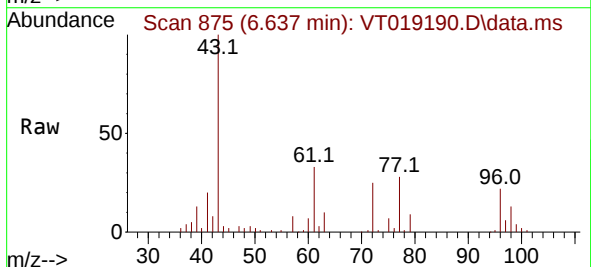
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

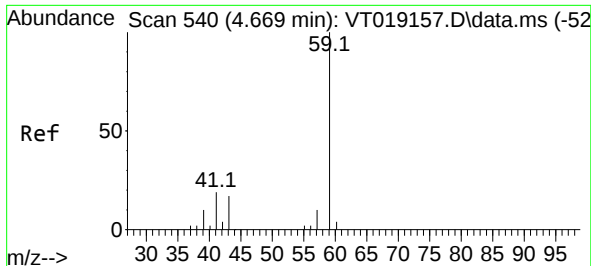
Tgt Ion: 63 Resp: 55660
Ion Ratio Lower Upper
63 100
98 5.5 3.5 10.5
100 3.8 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 2964.199 ug/l
RT: 6.637 min Scan# 875
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 96 Resp: 31129
Ion Ratio Lower Upper
96 100
61 158.5 120.0 180.0
98 63.6 52.8 79.2

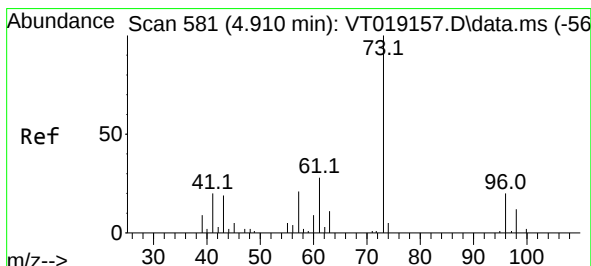
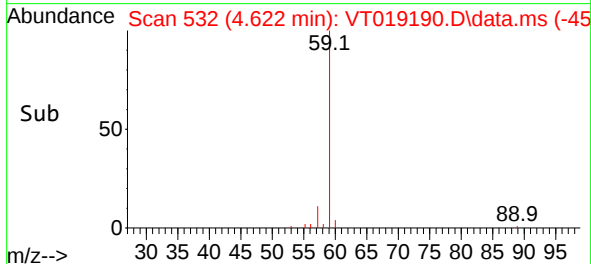
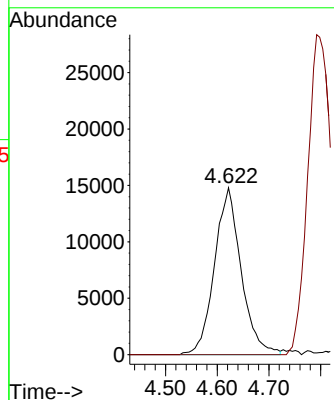
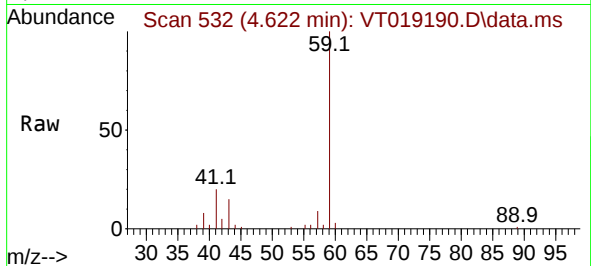




#23
tert-Butyl Alcohol
Concen: 14546.865 ug/l
RT: 4.622 min Scan# 51
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

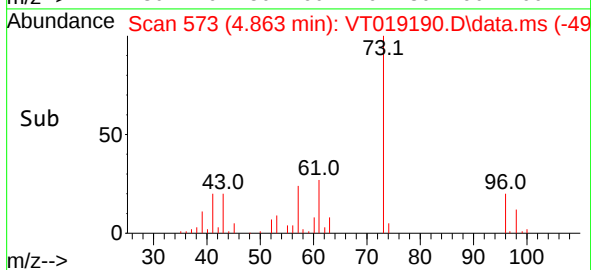
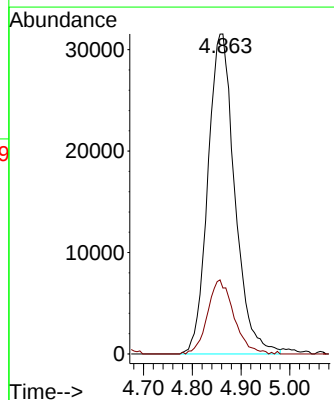
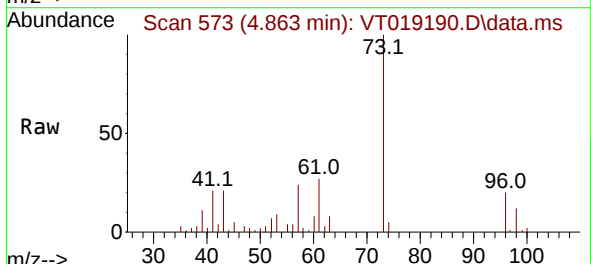
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

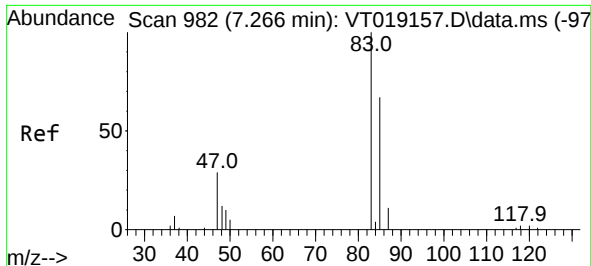
Tgt Ion: 59 Resp: 53022
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 2948.303 ug/l
RT: 4.863 min Scan# 573
Delta R.T. -0.058 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 73 Resp: 120925
Ion Ratio Lower Upper
73 100
43 22.4 16.9 25.3

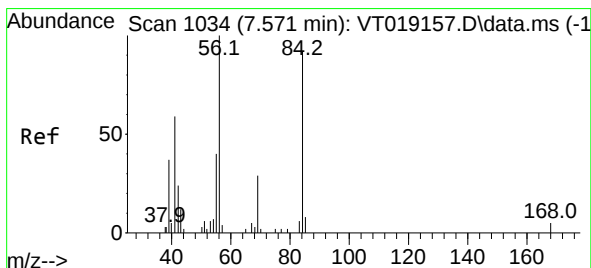
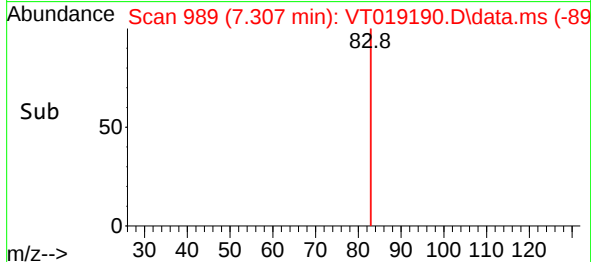
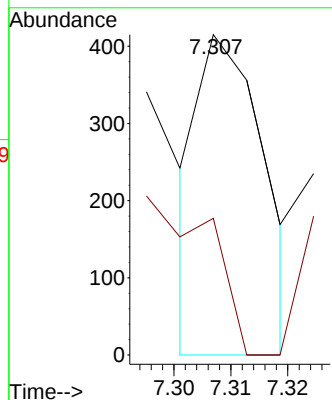
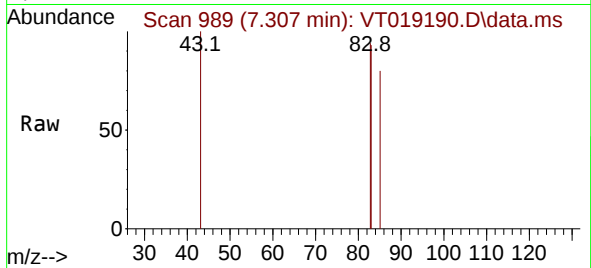




#25
Chloroform
Concen: 18.749 ug/l
RT: 7.307 min Scan# 91
Delta R.T. 0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

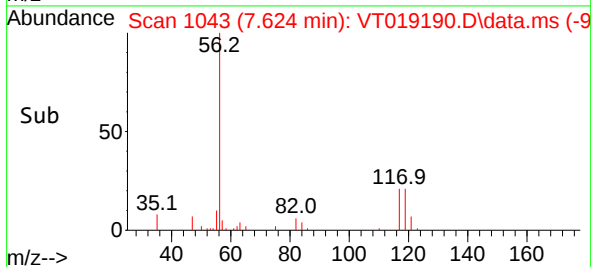
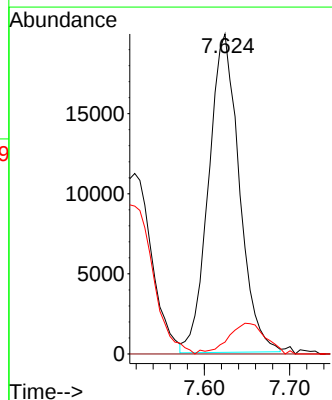
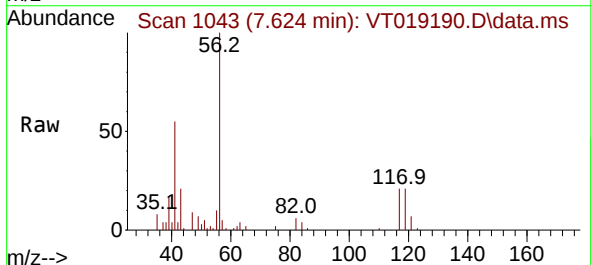
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

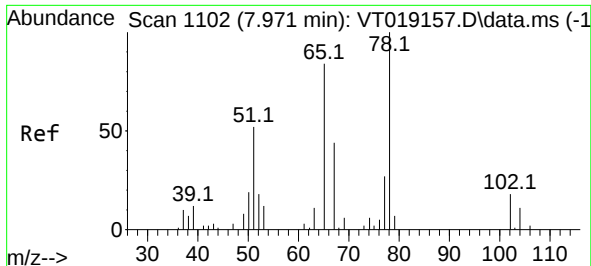
Tgt Ion: 83 Resp: 331
Ion Ratio Lower Upper
83 100
85 72.0 48.0 72.0



#26
Cyclohexane
Concen: 4389.684 ug/l
RT: 7.624 min Scan# 1043
Delta R.T. 0.059 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 56 Resp: 49716
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 11.4 67.9 101.9#





#27

1,2-Dichloroethane-d4

Concen: 5222.567 ug/l

RT: 7.924 min Scan# 1102

Delta R.T. -0.047 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

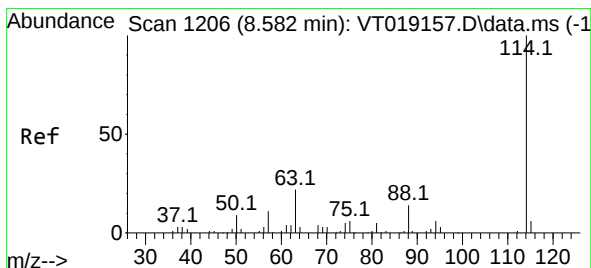
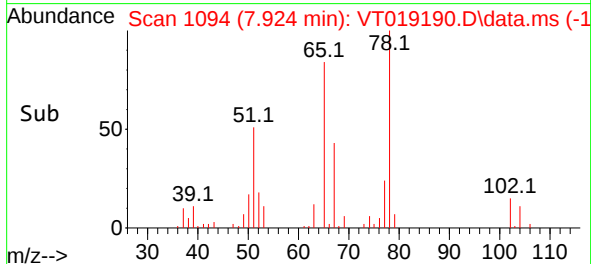
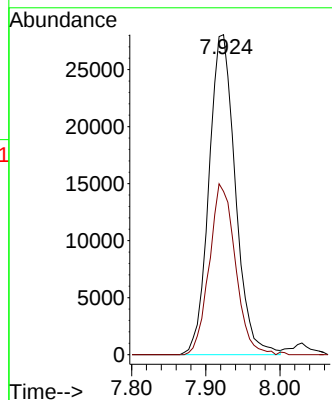
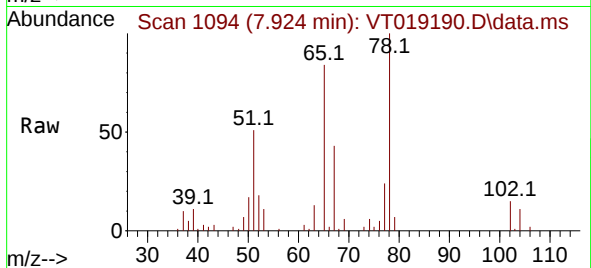
VSTDCCC020EC

Tgt Ion: 65 Resp: 69548

Ion Ratio Lower Upper

65 100

67 52.6 40.7 61.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.535 min Scan# 1198

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

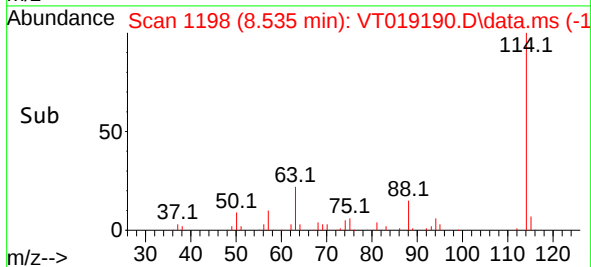
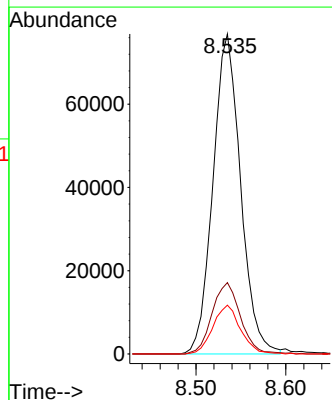
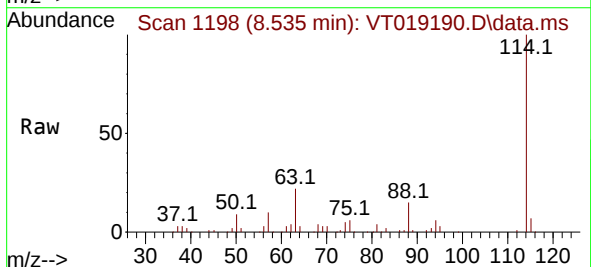
Tgt Ion: 114 Resp: 163997

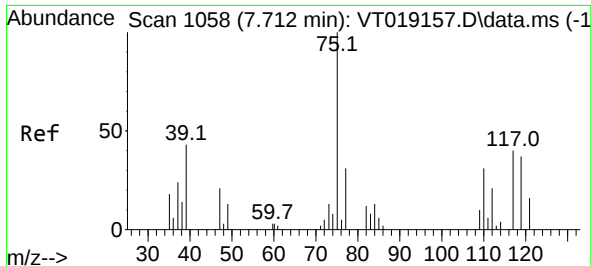
Ion Ratio Lower Upper

114 100

63 22.9 17.4 26.0

88 15.2 13.0 19.6





#29

1,1-Dichloropropene

Concen: 16.956 ug/l

RT: 7.671 min Scan# 1051

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

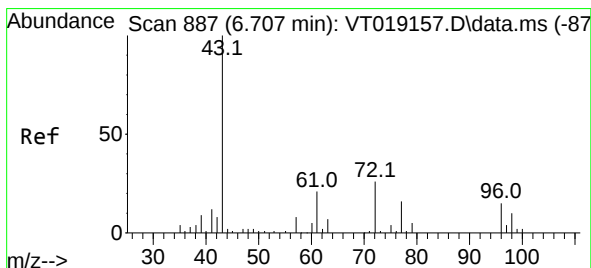
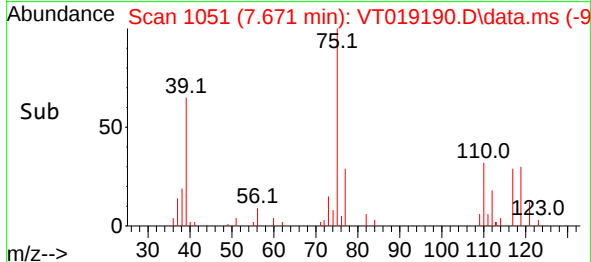
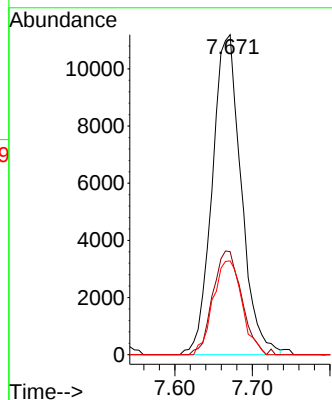
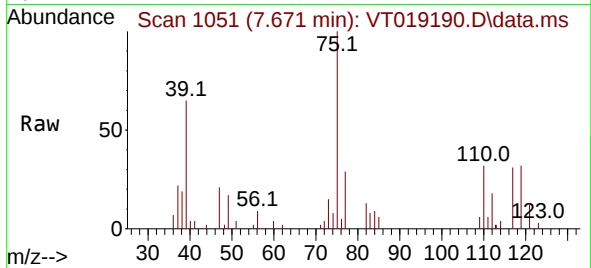
Tgt Ion: 75 Resp: 29097

Ion Ratio Lower Upper

75 100

110 32.0 0.0 70.8

77 29.3 0.0 61.6



#30

2-Butanone

Concen: 81.740 ug/l

RT: 6.649 min Scan# 877

Delta R.T. -0.053 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

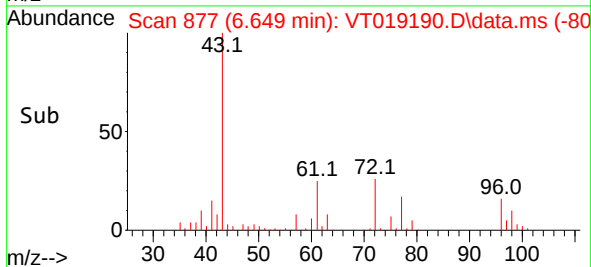
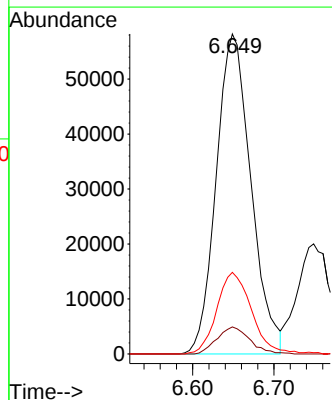
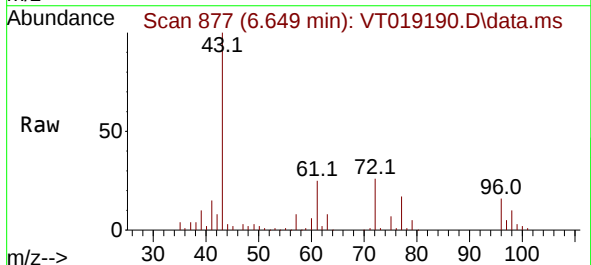
Tgt Ion: 43 Resp: 172898

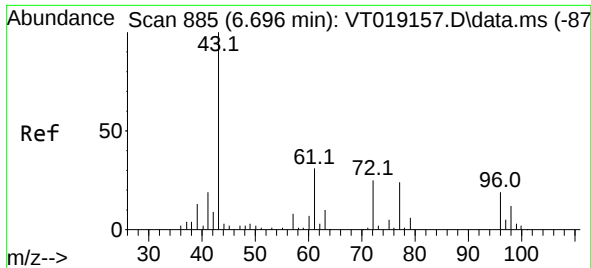
Ion Ratio Lower Upper

43 100

57 8.0 5.9 8.9

72 25.4 20.2 30.2

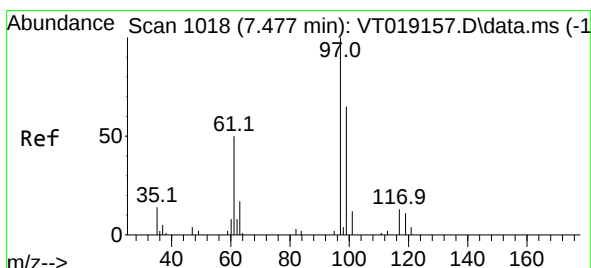
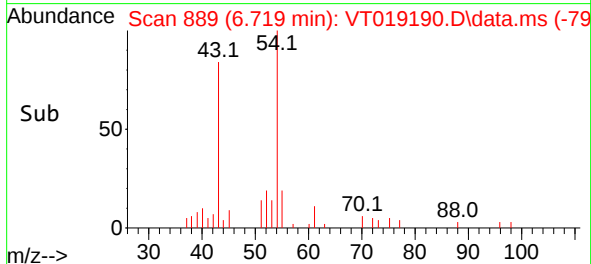
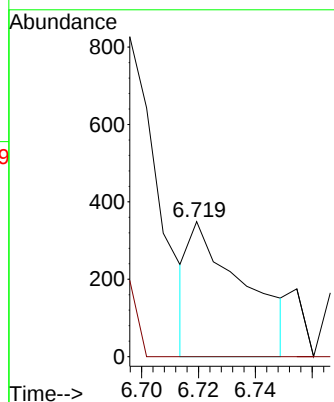
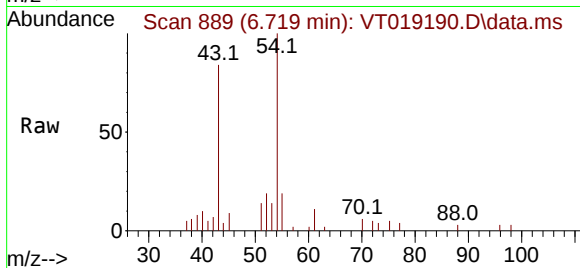




#31
2,2-Dichloropropane
Concen: 0.184 ug/l
RT: 6.719 min Scan# 81
Delta R.T. 0.035 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

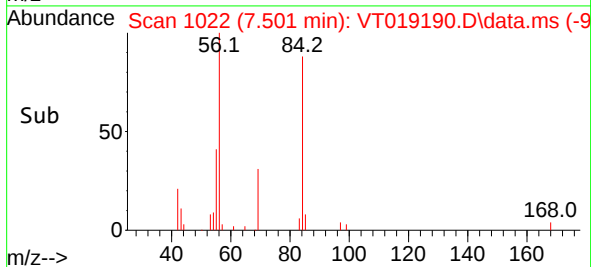
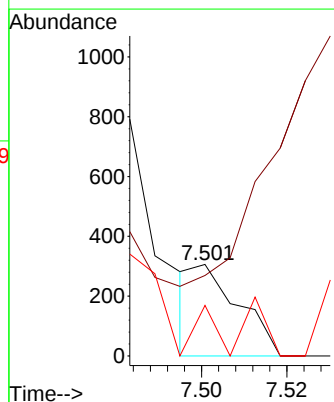
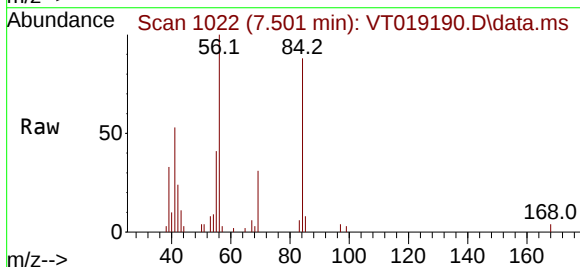
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

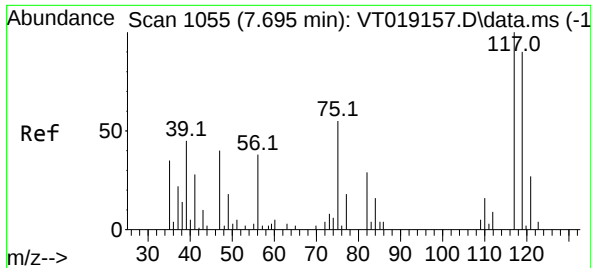
Tgt Ion: 77 Resp: 462
Ion Ratio Lower Upper
77 100
97 0.0 14.5 21.7#



#32
1,1,1-Trichloroethane
Concen: 0.104 ug/l
RT: 7.501 min Scan# 1022
Delta R.T. 0.024 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 97 Resp: 224
Ion Ratio Lower Upper
97 100
99 0.0 30.0 45.0#
61 30.8 36.1 54.1#

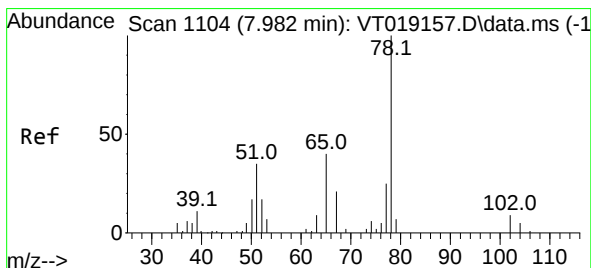
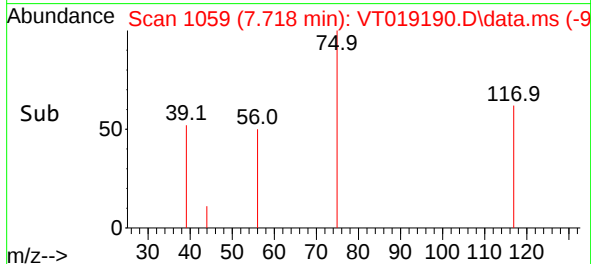
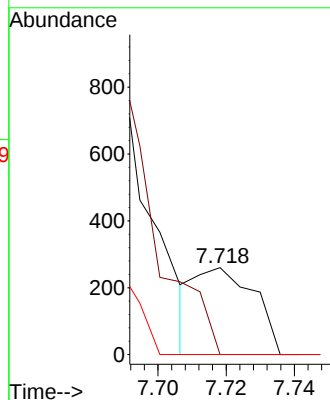
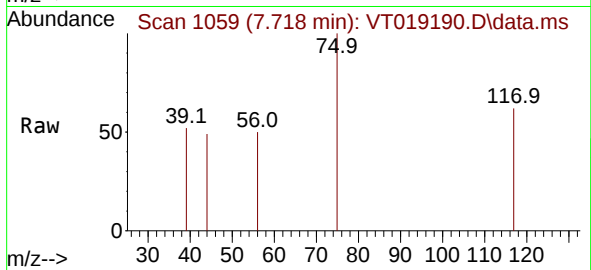




#33
Carbon Tetrachloride
Concen: 0.226 ug/l
RT: 7.718 min Scan# 1096
Delta R.T. 0.023 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

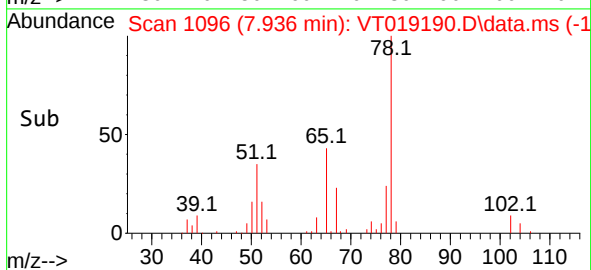
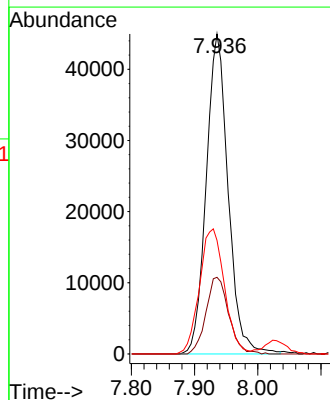
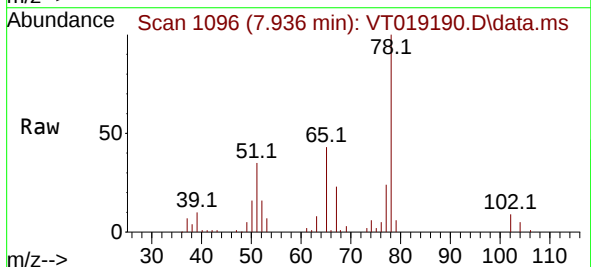
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

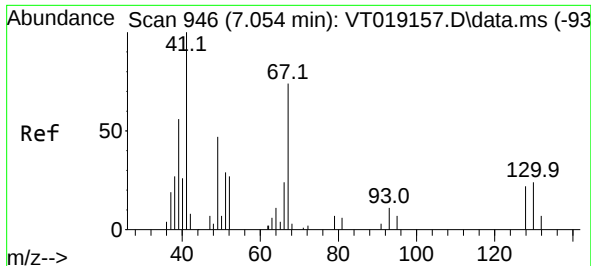
Tgt Ion:117 Resp: 313
Ion Ratio Lower Upper
117 100
119 0.0 76.5 114.7#
121 0.0 0.5 0.7#



#34
Benzene
Concen: 17.008 ug/l
RT: 7.936 min Scan# 1096
Delta R.T. -0.046 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 78 Resp: 108131
Ion Ratio Lower Upper
78 100
77 24.0 17.6 26.4
51 34.9 13.8 20.6#





#35

Methacrylonitrile

Concen: 18.262 ug/l

RT: 7.001 min Scan# 91

Delta R.T. -0.047 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 41 Resp: 32879

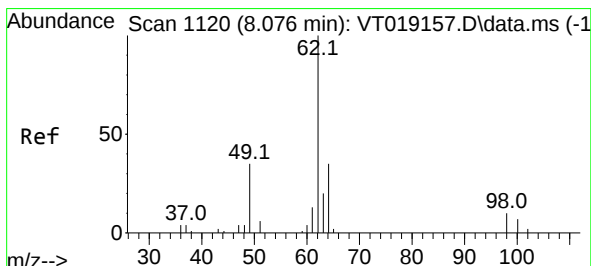
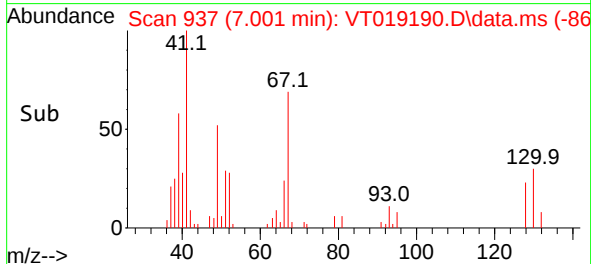
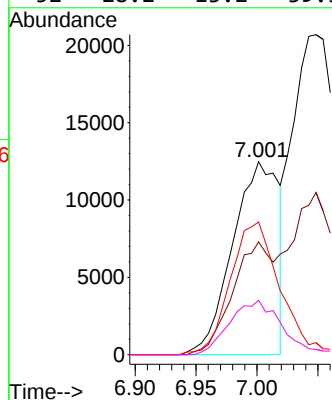
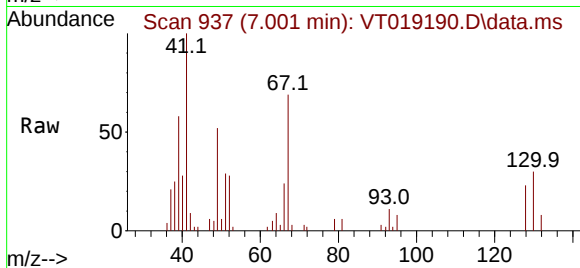
Ion Ratio Lower Upper

41 100

39 58.5 26.2 78.5

67 68.8 31.4 94.3

52 28.2 13.2 39.5



#36

1,2-Dichloroethane

Concen: 17.378 ug/l

RT: 8.024 min Scan# 1111

Delta R.T. -0.047 min

Lab File: VT019190.D

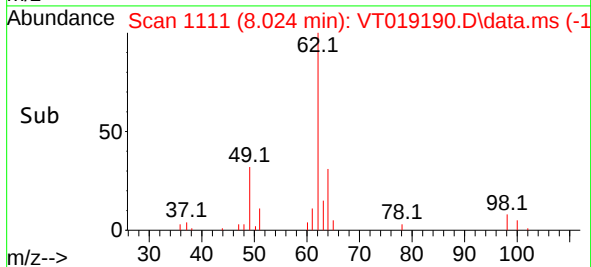
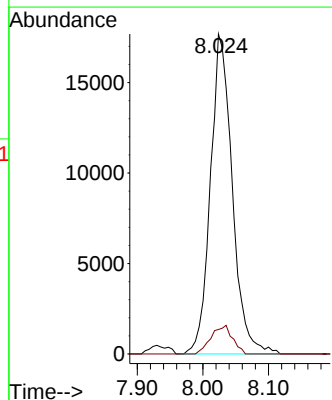
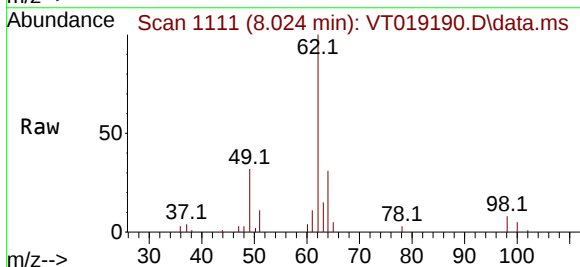
Acq: 27 Oct 2025 14:48

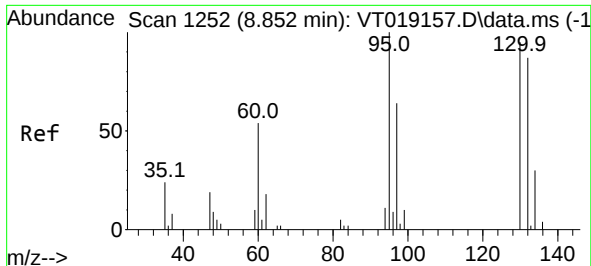
Tgt Ion: 62 Resp: 40958

Ion Ratio Lower Upper

62 100

98 8.7 6.7 10.1





#37

Trichloroethene

Concen: 17.446 ug/l

RT: 8.805 min Scan# 1252

Delta R.T. -0.047 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

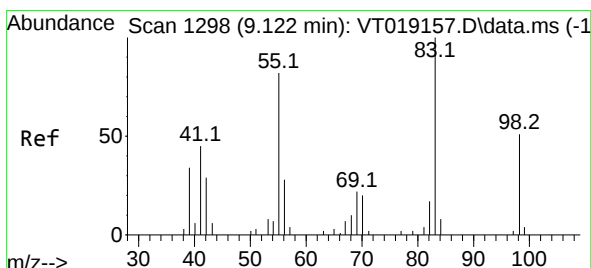
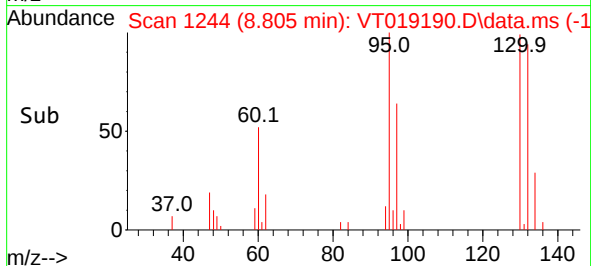
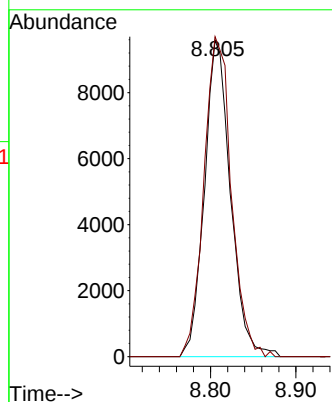
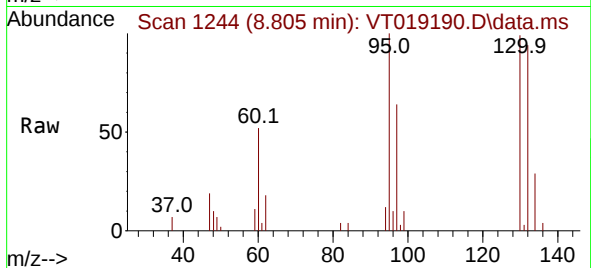
VSTDCCC020EC

Tgt Ion:130 Resp: 20405

Ion Ratio Lower Upper

130 100

95 101.1 79.4 119.2



#38

Methylcyclohexane

Concen: 17.137 ug/l

RT: 9.075 min Scan# 1290

Delta R.T. -0.047 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

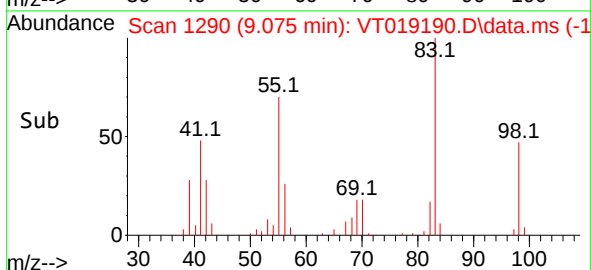
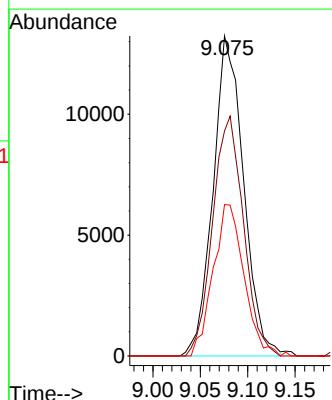
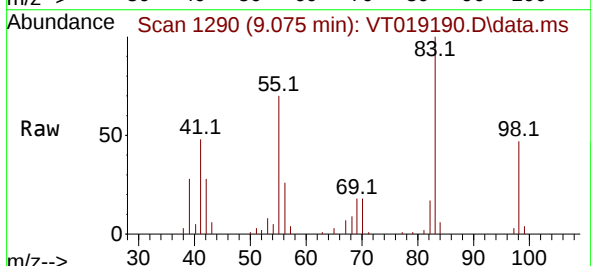
Tgt Ion: 83 Resp: 29614

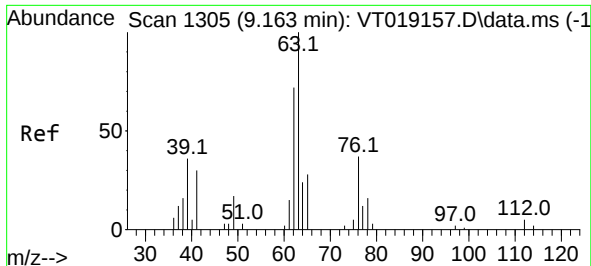
Ion Ratio Lower Upper

83 100

55 75.8 40.3 120.8

98 47.0 24.3 72.9





#39

1,2-Dichloropropane

Concen: 17.327 ug/l

RT: 9.122 min Scan# 1305

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

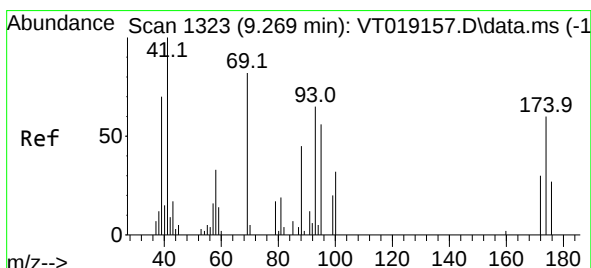
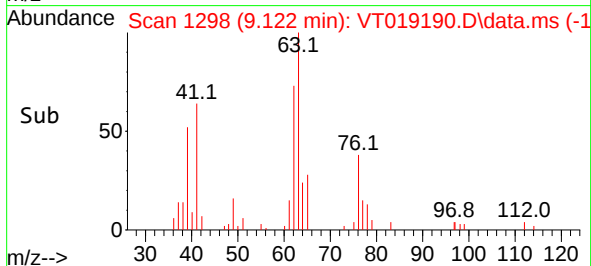
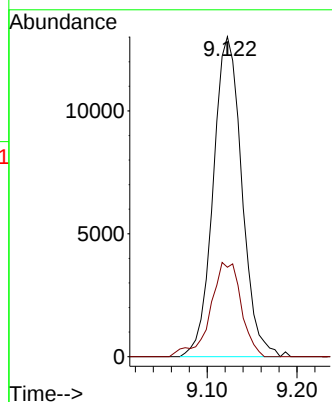
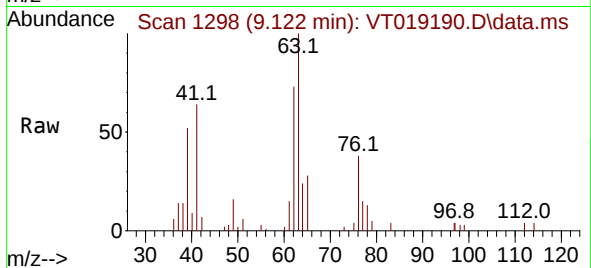
VSTDCCC020EC

Tgt Ion: 63 Resp: 28852

Ion Ratio Lower Upper

63 100

65 27.9 19.8 29.6



#40

Dibromomethane

Concen: 17.095 ug/l

RT: 9.216 min Scan# 1314

Delta R.T. -0.053 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

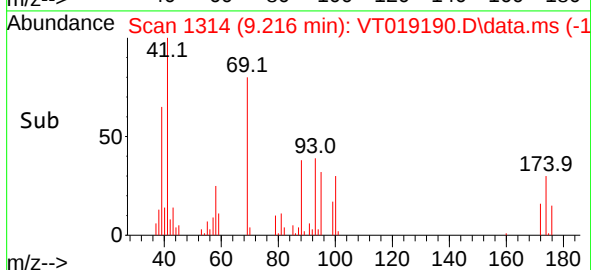
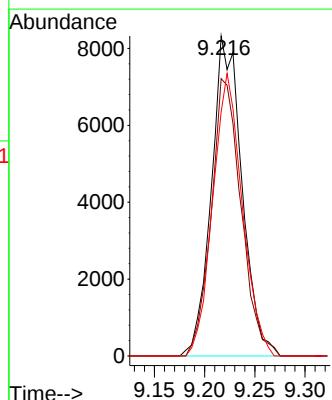
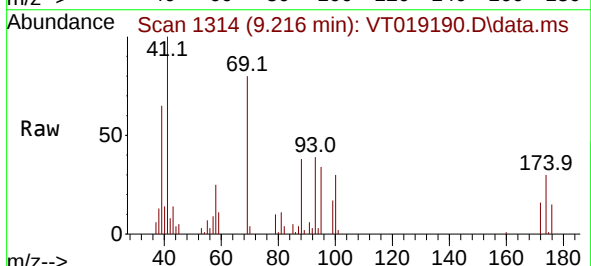
Tgt Ion: 93 Resp: 17551

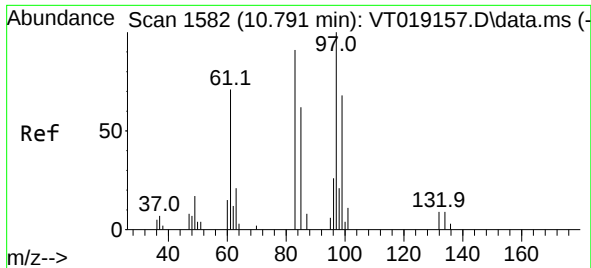
Ion Ratio Lower Upper

93 100

95 85.0 0.0 166.2

174 85.4 0.0 26.4

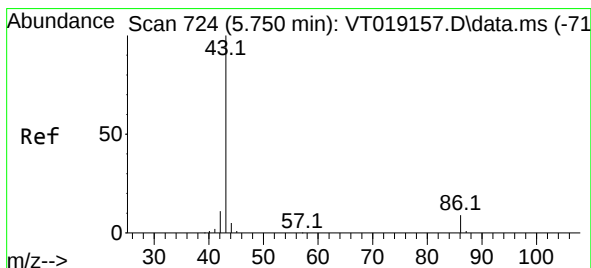
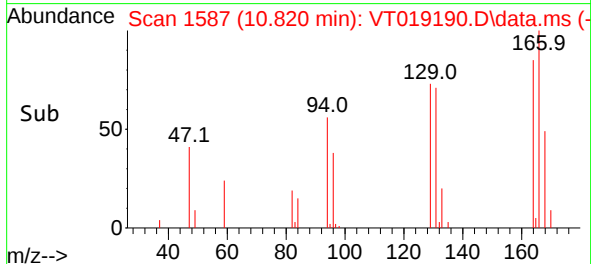
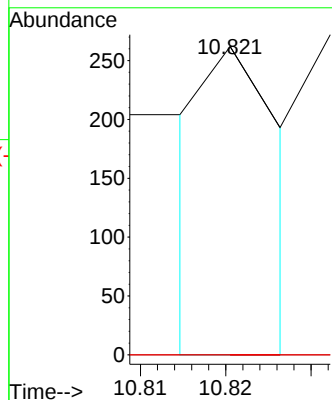
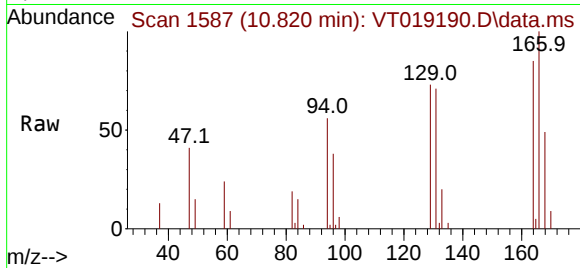




#41
Bromodichloromethane
Concen: 0.121 ug/l
RT: 10.820 min Scan# 11
Delta R.T. 0.029 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

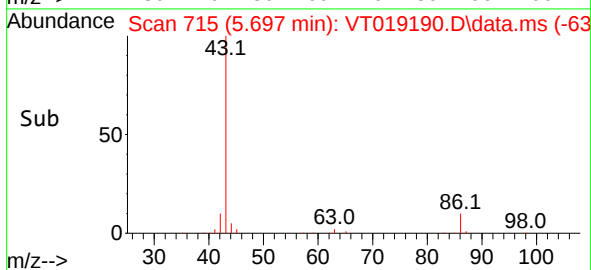
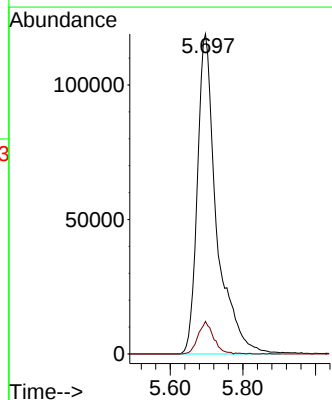
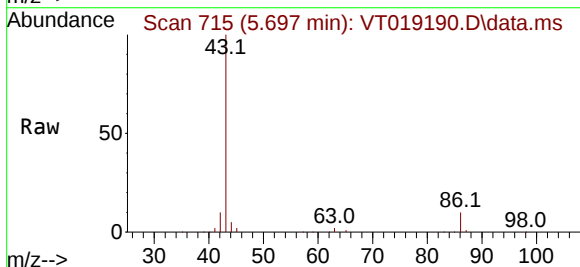
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

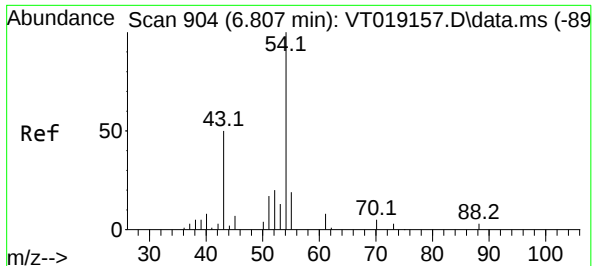
Tgt Ion: 83 Resp: 160
Ion Ratio Lower Upper
83 100
85 0.0 47.2 70.8#
127 0.0 7.1 10.7#



#42
Vinyl Acetate
Concen: 84.222 ug/l
RT: 5.697 min Scan# 715
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 43 Resp: 437079
Ion Ratio Lower Upper
43 100
86 8.1 6.9 10.3





#43

Ethyl Acetate

Concen: 18.008 ug/l

RT: 6.749 min Scan# 894

Delta R.T. -0.052 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

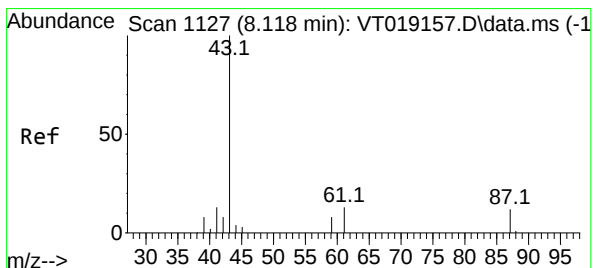
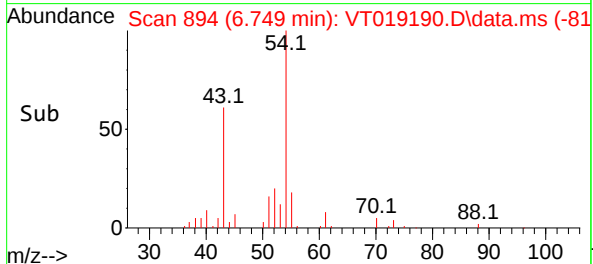
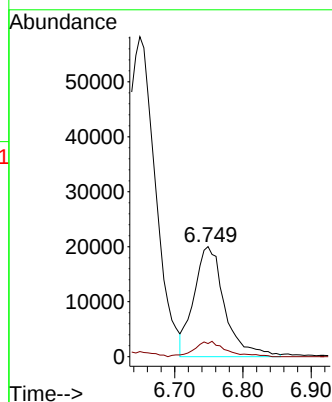
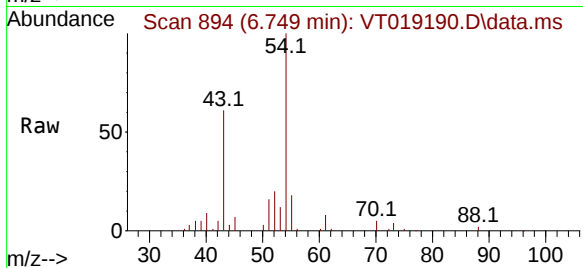
VSTDCCC020EC

Tgt Ion: 43 Resp: 62616

Ion Ratio Lower Upper

43 100

45 6.7 10.6 16.0#



#44

Isopropyl Acetate

Concen: 17.210 ug/l

RT: 8.077 min Scan# 1120

Delta R.T. -0.046 min

Lab File: VT019190.D

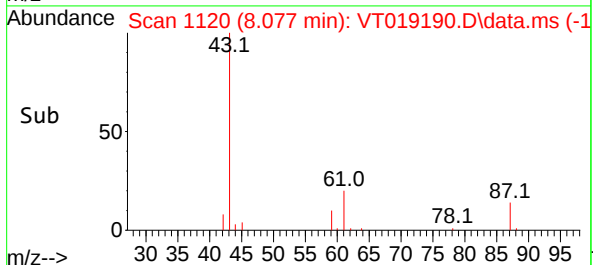
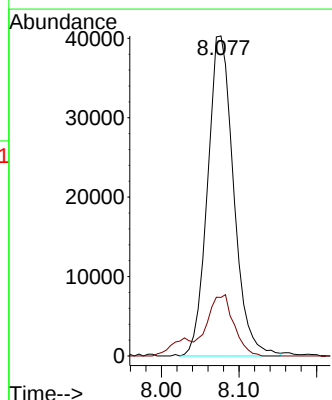
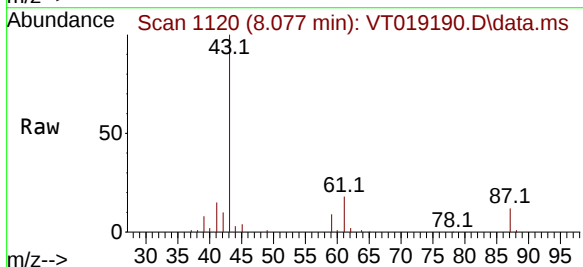
Acq: 27 Oct 2025 14:48

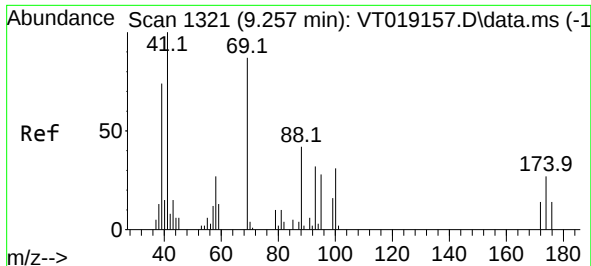
Tgt Ion: 43 Resp: 94180

Ion Ratio Lower Upper

43 100

61 19.4 14.7 22.1

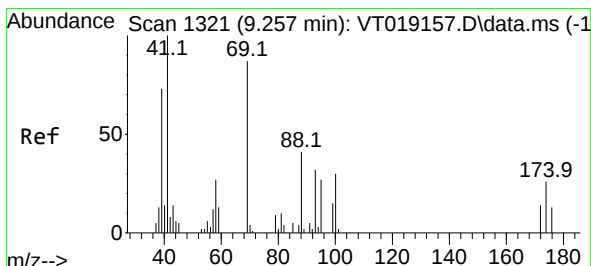
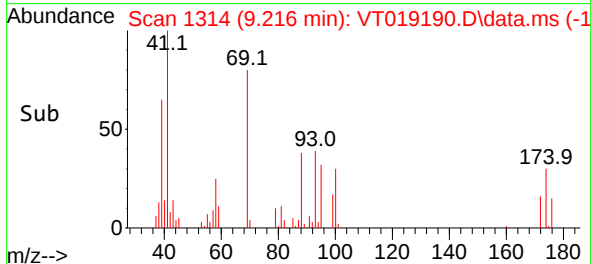
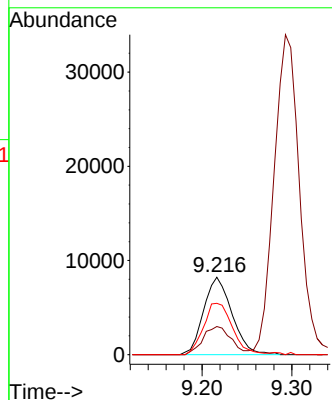
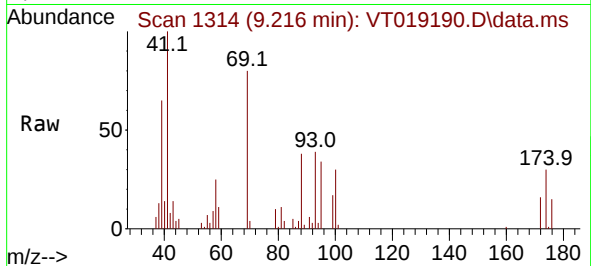




#45
1,4-Dioxane
Concen: 380.072 ug/l
RT: 9.216 min Scan# 1314
Delta R.T. -0.053 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

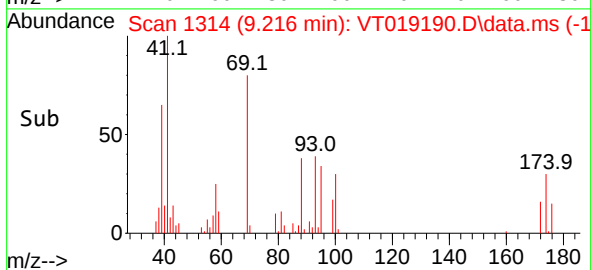
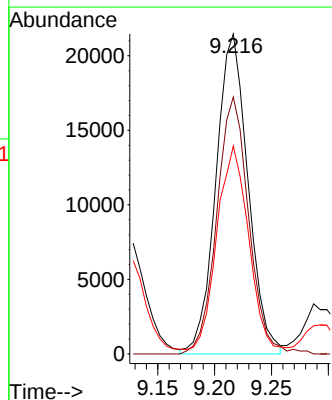
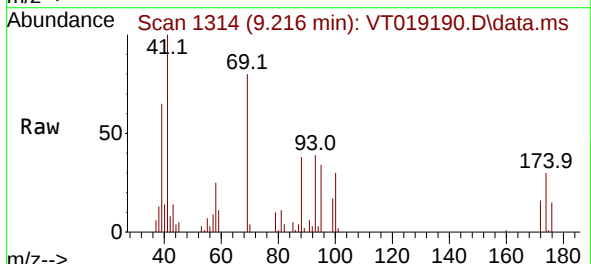
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

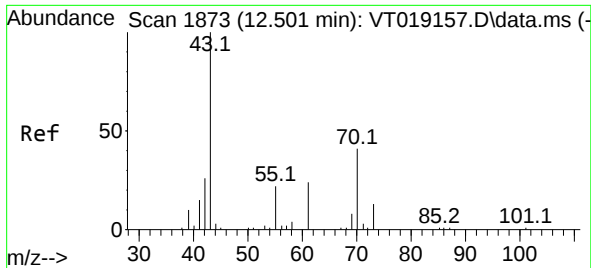
Tgt Ion: 88 Resp: 18044
Ion Ratio Lower Upper
88 100
43 36.2 30.2 45.2
58 67.1 33.3 49.9#



#46
Methyl methacrylate
Concen: 17.221 ug/l
RT: 9.216 min Scan# 1314
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 41 Resp: 42138
Ion Ratio Lower Upper
41 100
69 81.3 35.8 107.3
39 64.3 24.4 73.4

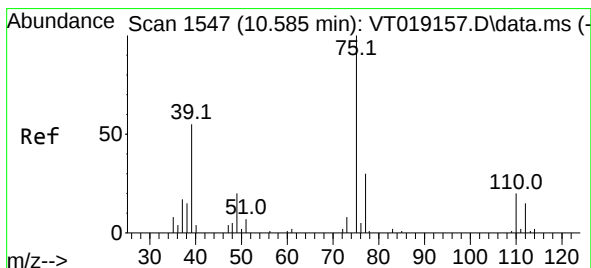
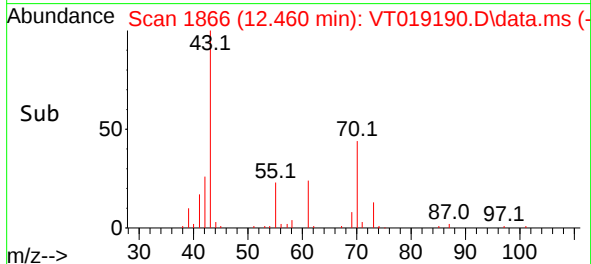
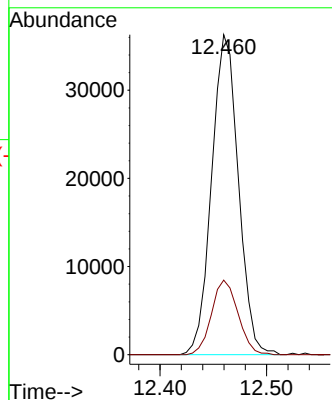
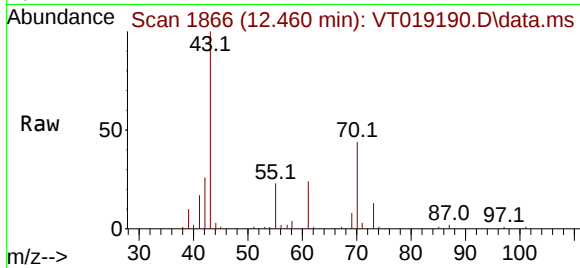




#47
n-amy1 Acetate
Concen: 17.191 ug/l
RT: 12.460 min Scan# 11
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

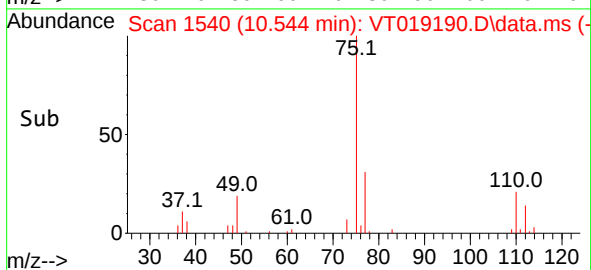
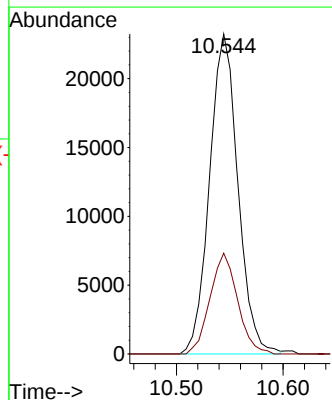
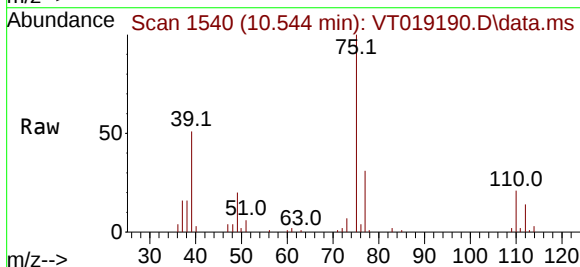
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

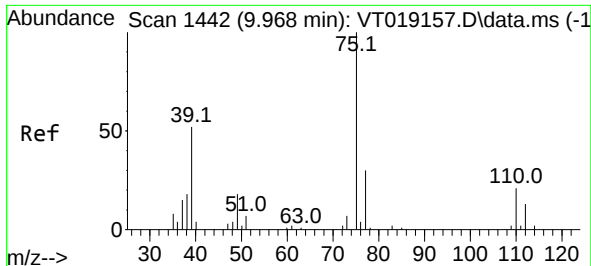
Tgt Ion: 43 Resp: 63306
Ion Ratio Lower Upper
43 100
55 23.0 18.4 27.6



#48
t-1,3-Dichloropropene
Concen: 17.949 ug/l
RT: 10.544 min Scan# 1540
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 75 Resp: 42950
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 17.552 ug/l

RT: 9.927 min Scan# 1442

Delta R.T. -0.047 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

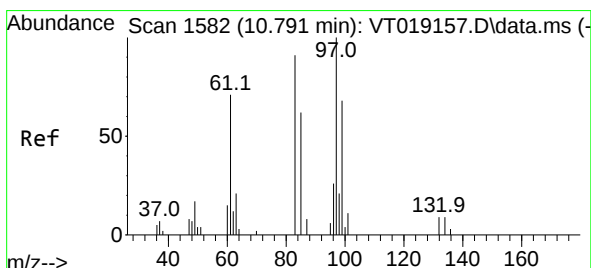
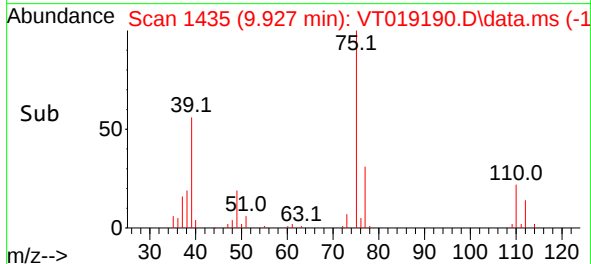
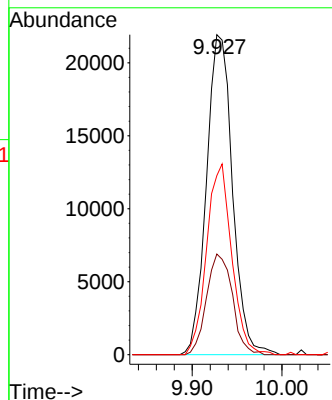
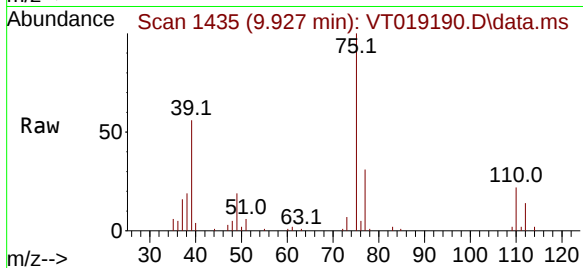
Tgt Ion: 75 Resp: 44121

Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 55.9 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 0.042 ug/l

RT: 10.820 min Scan# 1587

Delta R.T. 0.029 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Tgt Ion: 97 Resp: 64

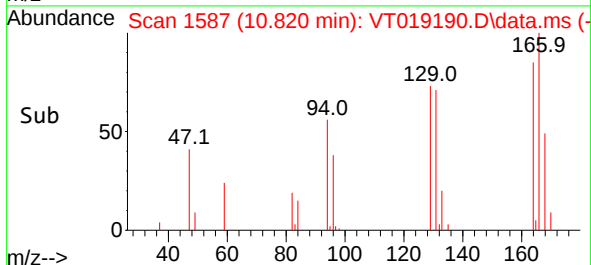
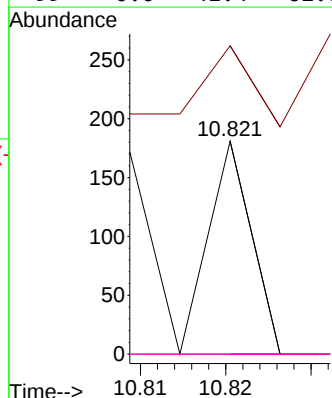
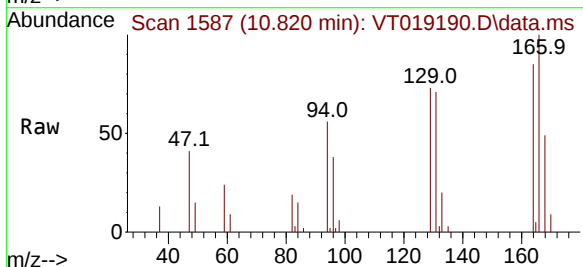
Ion Ratio Lower Upper

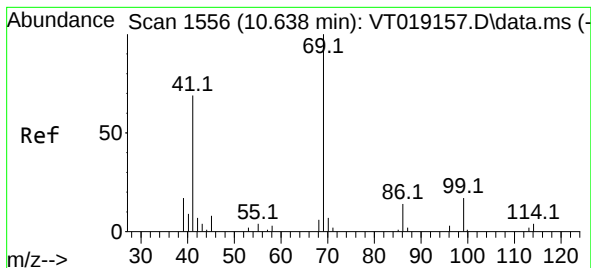
97 100

83 38.1 58.3 87.5#

85 0.0 36.5 54.7#

99 0.0 41.4 62.0#





#51

Ethyl methacrylate

Concen: 17.963 ug/l

RT: 10.597 min Scan# 1

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

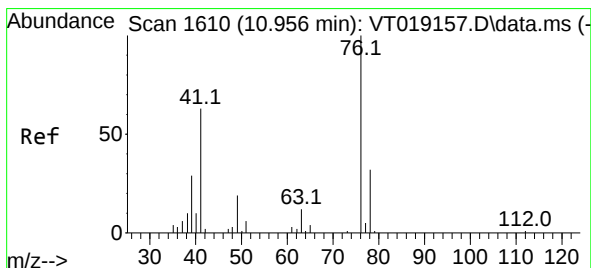
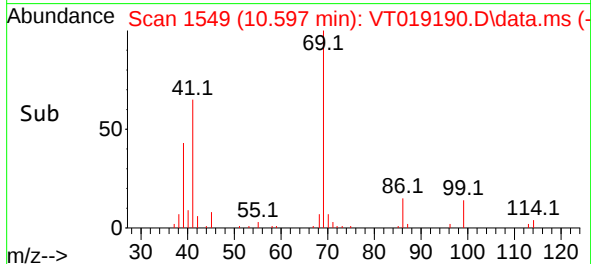
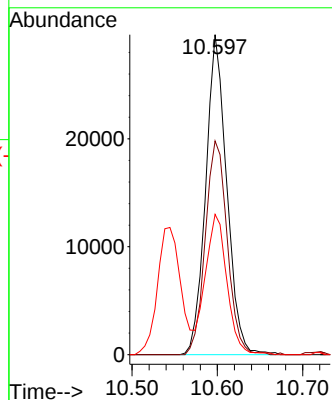
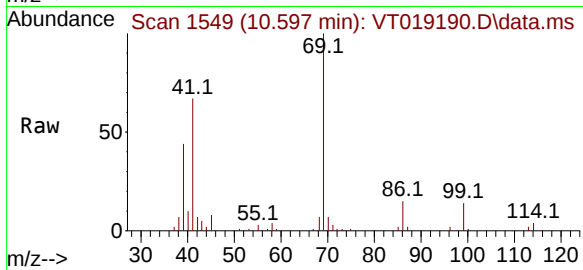
Tgt Ion: 69 Resp: 50835

Ion Ratio Lower Upper

69 100

41 66.8 35.0 105.1

39 43.8 19.5 58.5



#52

1,3-Dichloropropane

Concen: 17.424 ug/l

RT: 10.915 min Scan# 1603

Delta R.T. -0.041 min

Lab File: VT019190.D

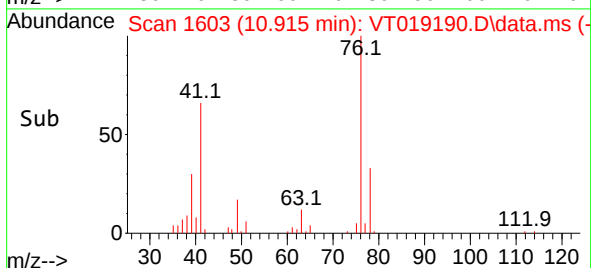
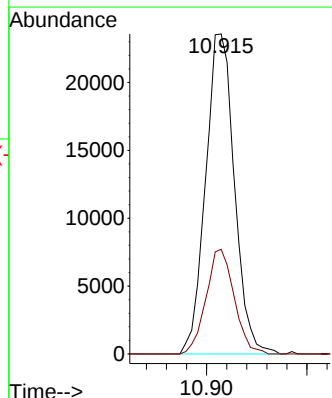
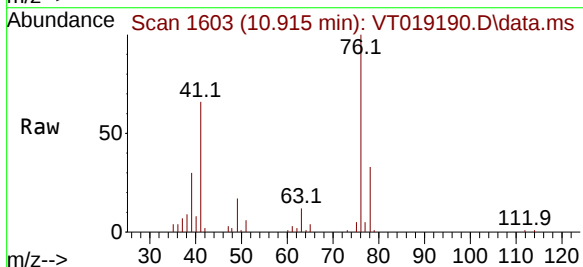
Acq: 27 Oct 2025 14:48

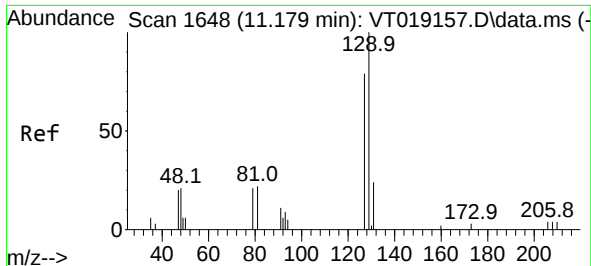
Tgt Ion: 76 Resp: 46994

Ion Ratio Lower Upper

76 100

78 31.9 0.0 63.6

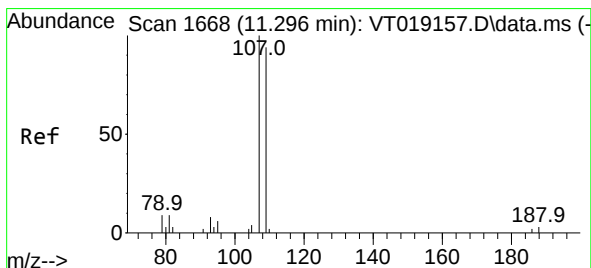
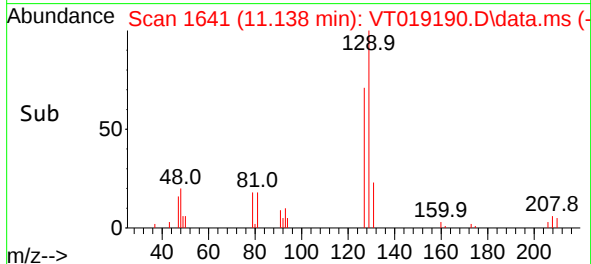
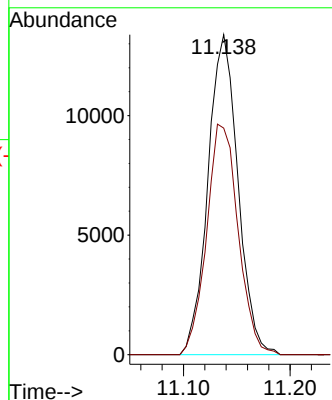
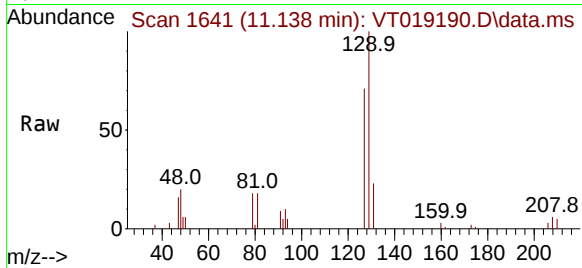




#53
Dibromochloromethane
Concen: 18.599 ug/l
RT: 11.138 min Scan# 1641
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

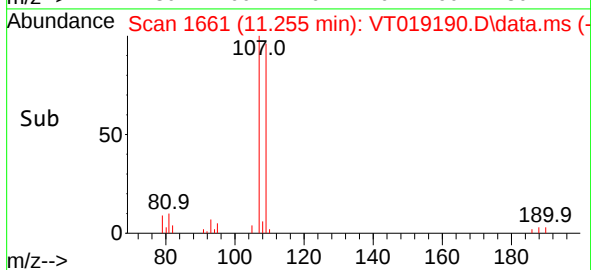
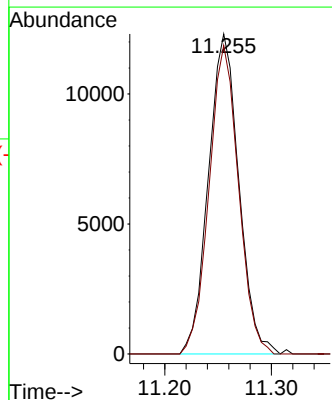
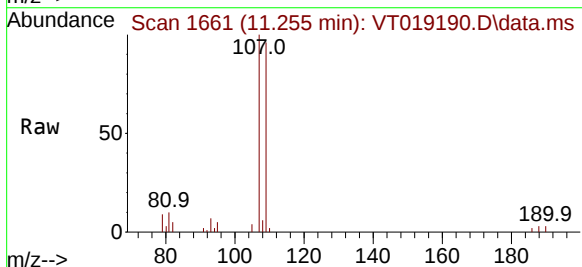
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

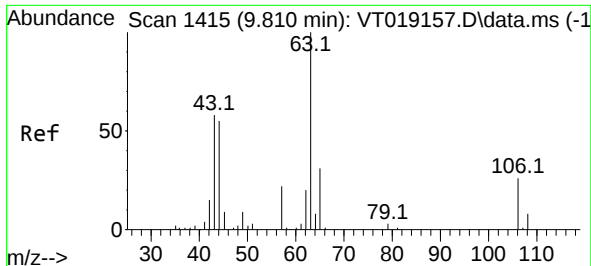
Tgt Ion:129 Resp: 26199
Ion Ratio Lower Upper
129 100
127 75.6 125.0 374.9#



#54
1,2-Dibromoethane
Concen: 17.352 ug/l
RT: 11.255 min Scan# 1661
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion:107 Resp: 24371
Ion Ratio Lower Upper
107 100
109 93.1 74.0 111.0





#55

2-Chloroethyl vinyl ether

Concen: 82.778 ug/l

RT: 9.769 min Scan# 1415

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

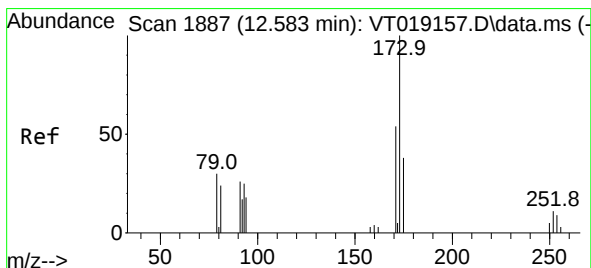
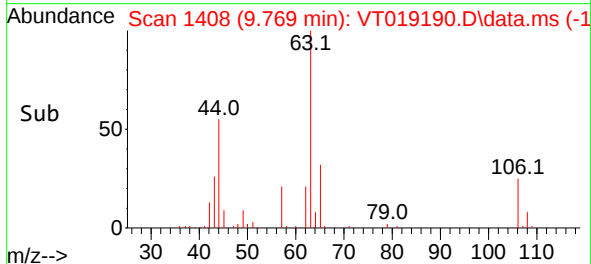
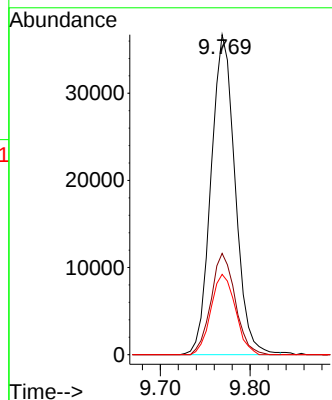
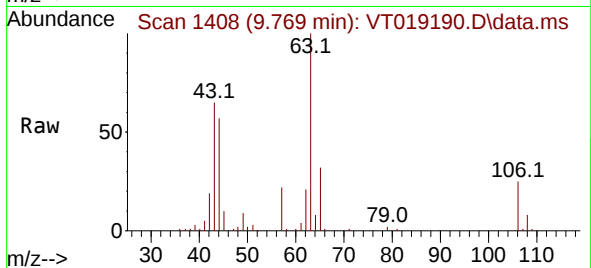
Tgt Ion: 63 Resp: 68324

Ion Ratio Lower Upper

63 100

65 31.8 25.8 38.6

106 25.6 22.1 33.1



#56

Bromoform

Concen: 19.282 ug/l

RT: 12.536 min Scan# 1879

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

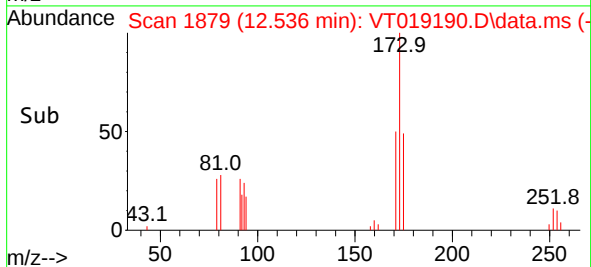
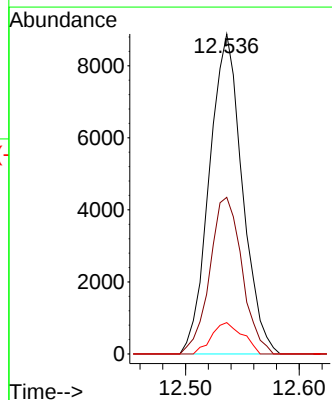
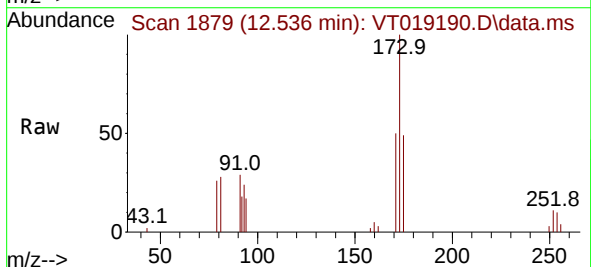
Tgt Ion: 173 Resp: 17856

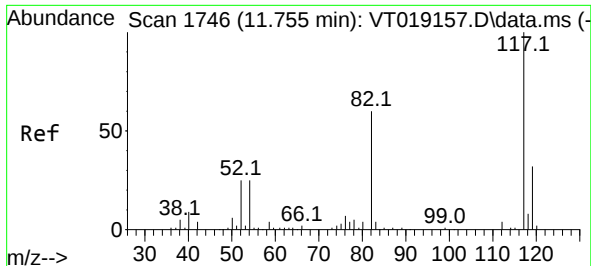
Ion Ratio Lower Upper

173 100

175 48.0 2.6 3.8#

254 9.3 2.2 3.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.714 min Scan# 11

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

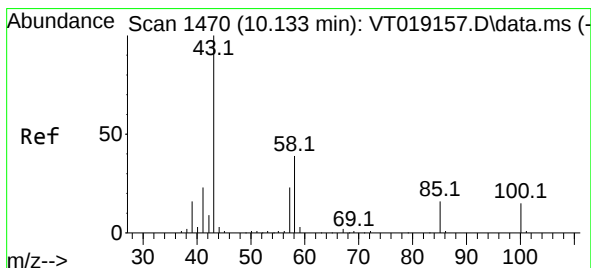
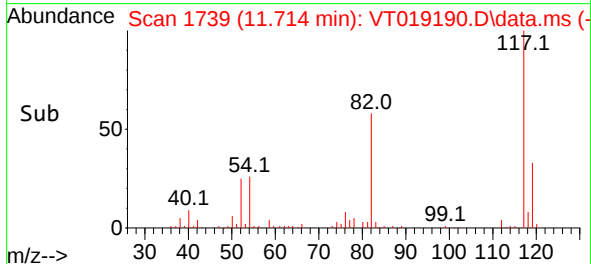
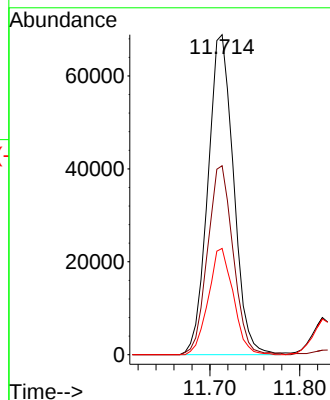
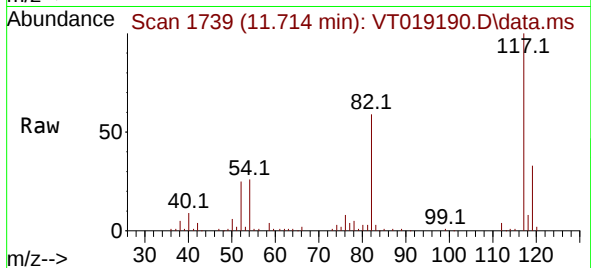
Tgt Ion:117 Resp: 136591

Ion Ratio Lower Upper

117 100

82 59.0 46.0 69.0

119 32.4 25.8 38.8



#58

4-Methyl-2-Pentanone

Concen: 83.527 ug/l

RT: 10.092 min Scan# 1463

Delta R.T. -0.047 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

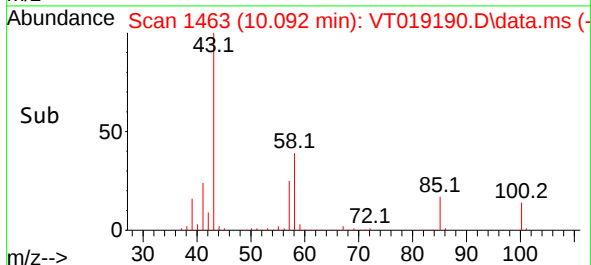
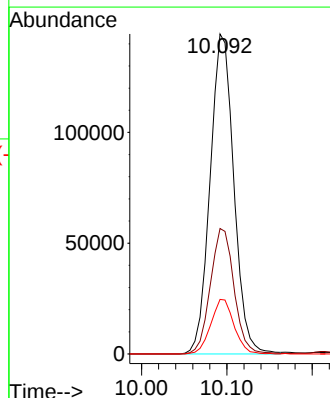
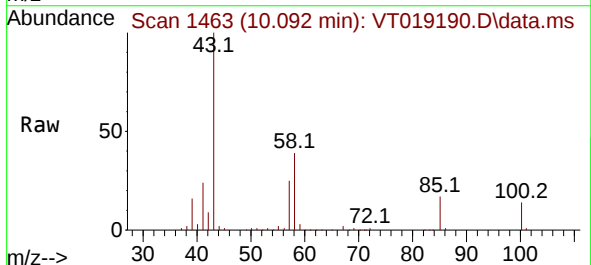
Tgt Ion: 43 Resp: 279402

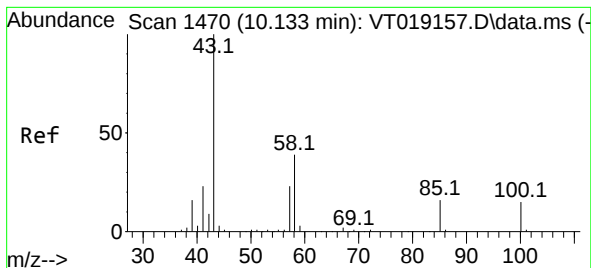
Ion Ratio Lower Upper

43 100

58 39.1 30.6 45.8

85 16.7 13.4 20.2

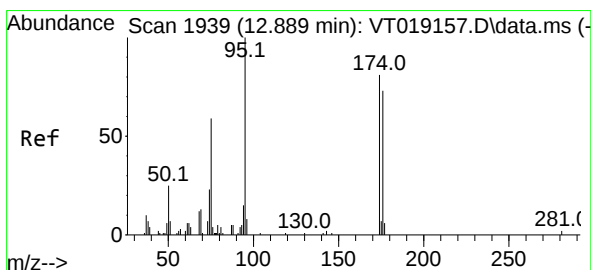
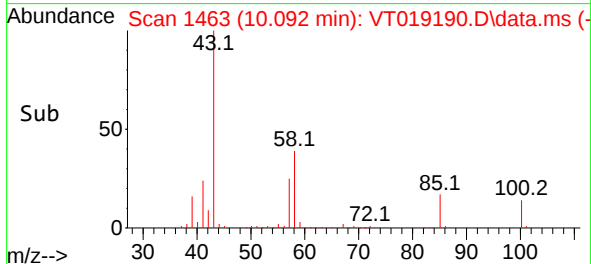
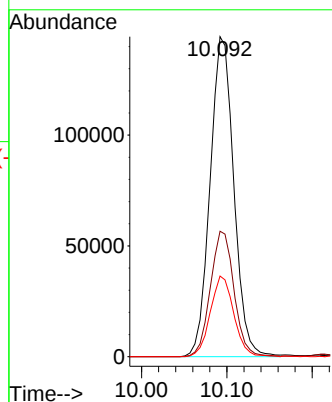
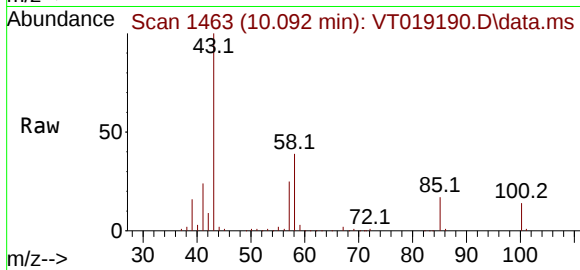




#59
2-Hexanone
Concen: 83.527 ug/l
RT: 10.092 min Scan# 1470
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

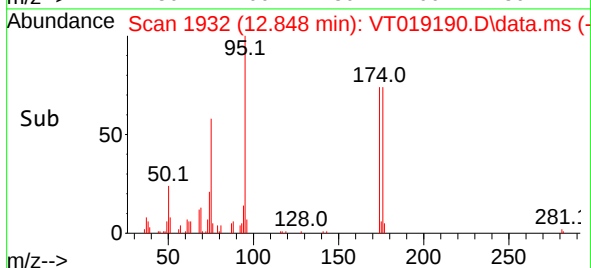
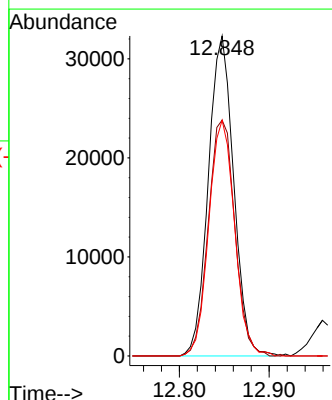
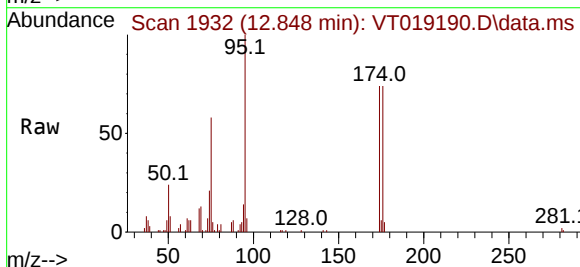
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

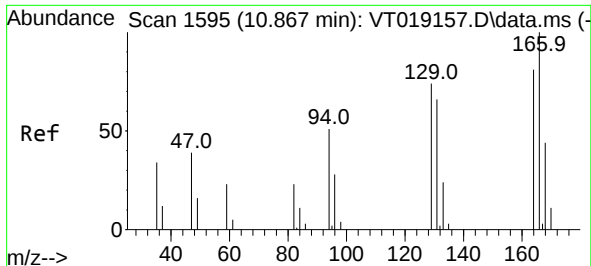
Tgt Ion: 43 Resp: 279402
Ion Ratio Lower Upper
43 100
58 39.1 42.0 63.0#
57 24.9 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 29.523 ug/l
RT: 12.848 min Scan# 1932
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 95 Resp: 63378
Ion Ratio Lower Upper
95 100
174 77.1 57.5 86.3
176 74.2 56.4 84.6

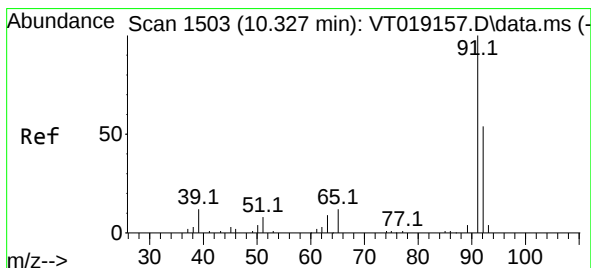
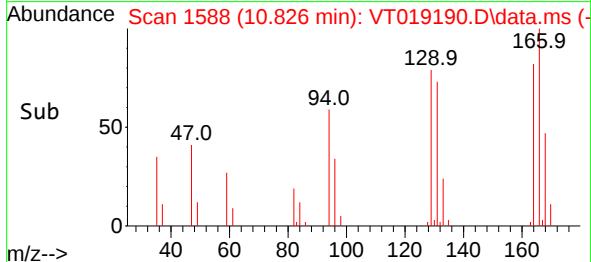
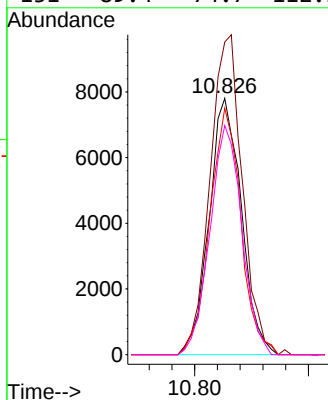
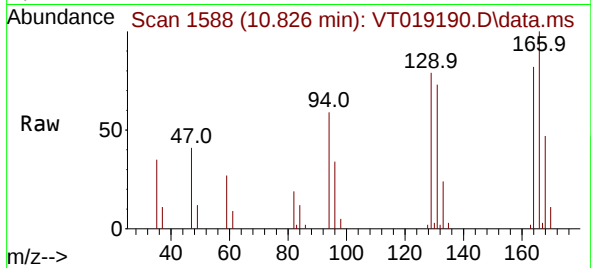




#61
Tetrachloroethene
Concen: 17.765 ug/l
RT: 10.826 min Scan# 1496
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

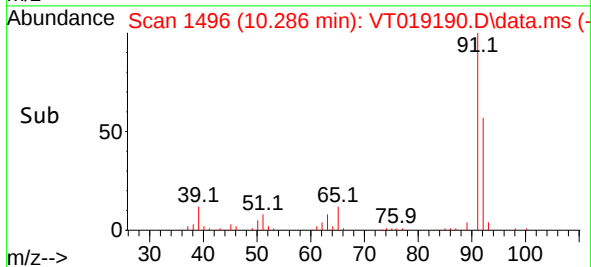
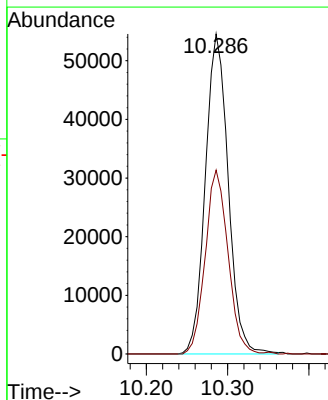
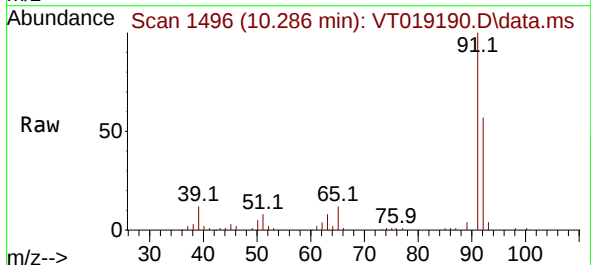
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

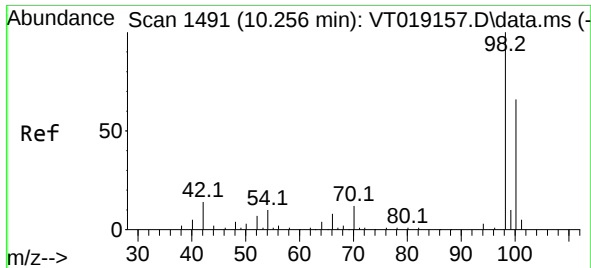
Tgt Ion:164 Resp: 15338
Ion Ratio Lower Upper
164 100
166 122.0 101.0 151.4
129 96.1 78.6 117.8
131 89.4 74.7 112.1



#62
Toluene
Concen: 17.410 ug/l
RT: 10.286 min Scan# 1496
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 91 Resp: 106515
Ion Ratio Lower Upper
91 100
92 57.2 46.6 69.8

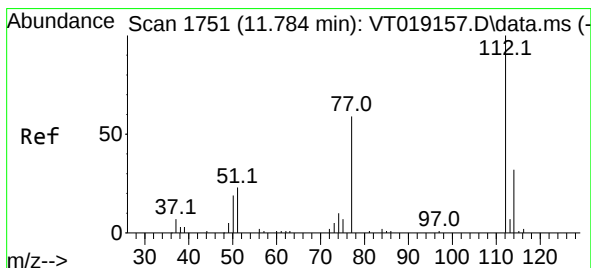
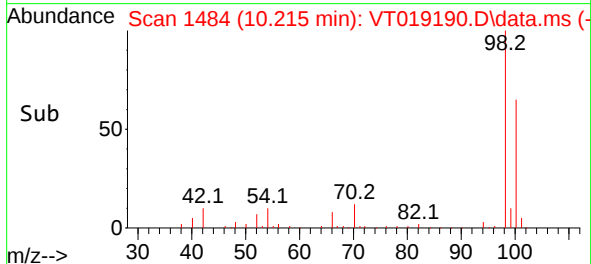
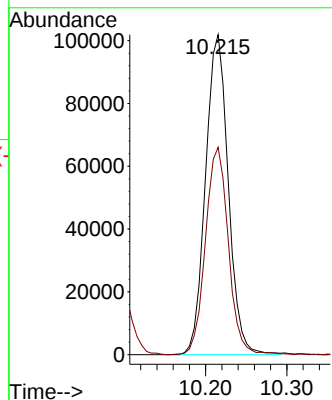
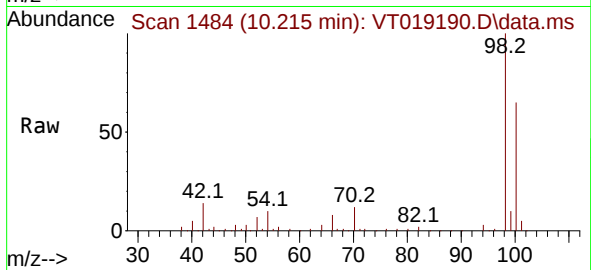




#63
Toluene-d8
Concen: 29.824 ug/l
RT: 10.215 min Scan# 1491
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

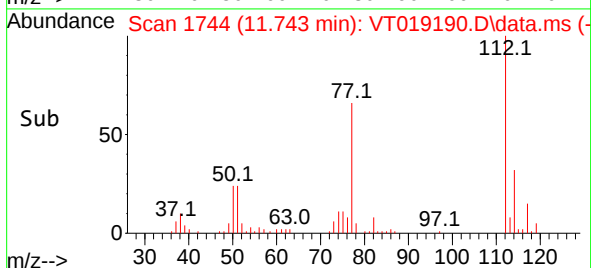
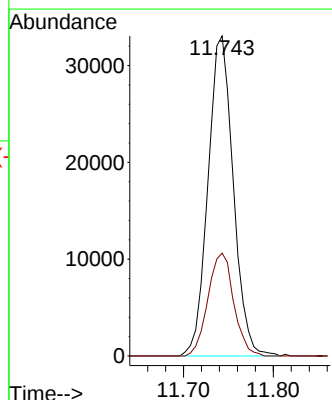
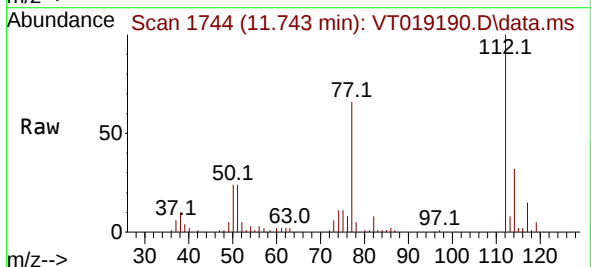
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

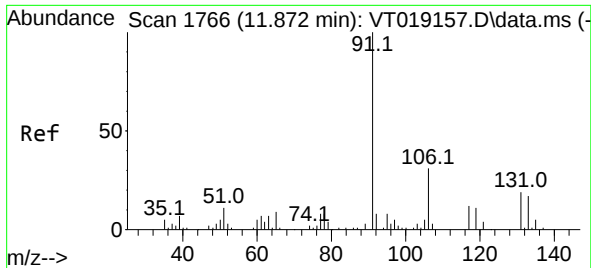
Tgt Ion: 98 Resp: 198275
Ion Ratio Lower Upper
98 100
100 64.7 52.9 79.3



#64
Chlorobenzene
Concen: 17.282 ug/l
RT: 11.743 min Scan# 1744
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 112 Resp: 64582
Ion Ratio Lower Upper
112 100
114 32.1 23.6 35.4

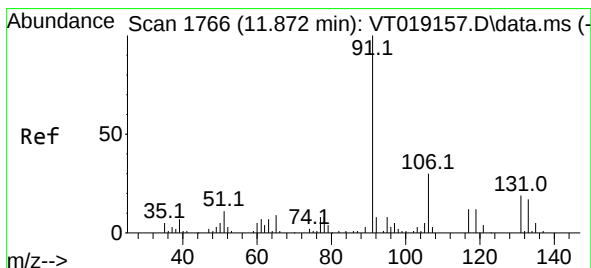
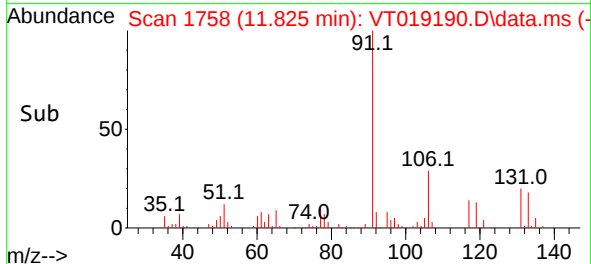
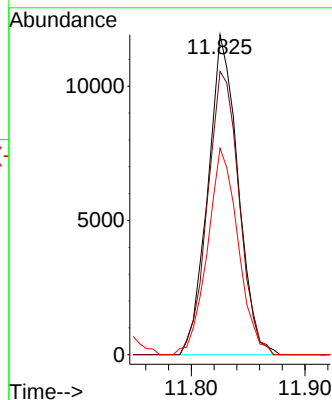
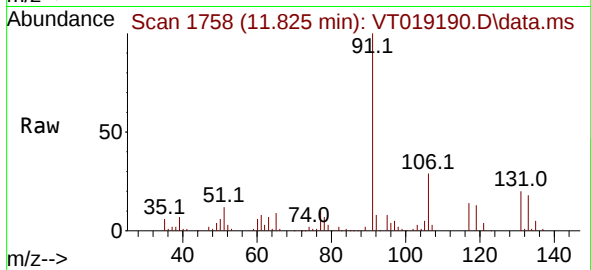




#65
1,1,1,2-Tetrachloroethane
Concen: 17.978 ug/l
RT: 11.825 min Scan# 1758
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

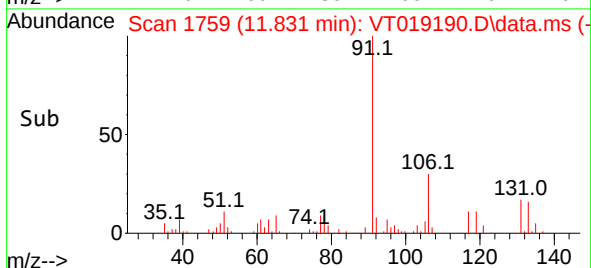
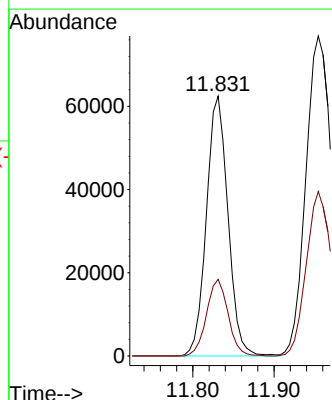
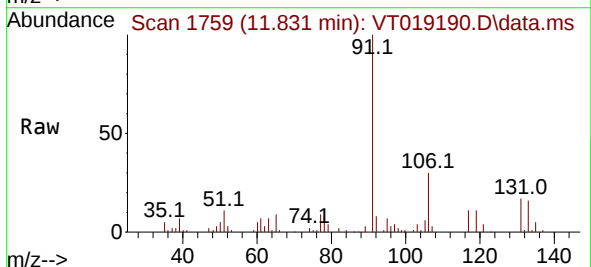
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

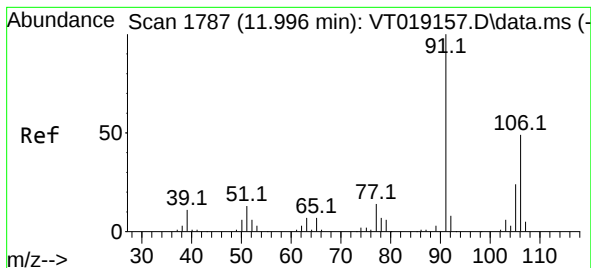
Tgt Ion:131 Resp: 21884
Ion Ratio Lower Upper
131 100
133 93.1 0.0 188.2
119 65.7 0.0 101.8



#66
Ethyl Benzene
Concen: 17.327 ug/l
RT: 11.831 min Scan# 1759
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 91 Resp: 115209
Ion Ratio Lower Upper
91 100
106 29.5 25.1 37.7

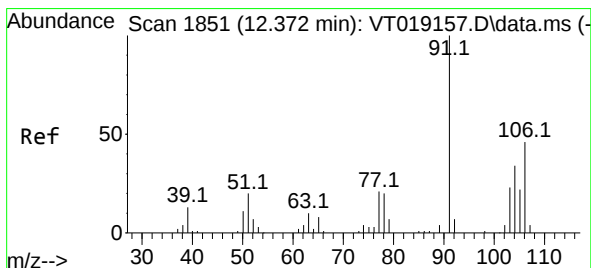
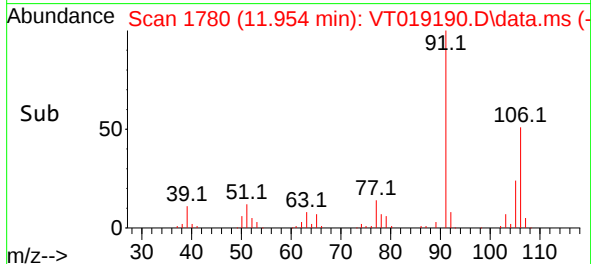
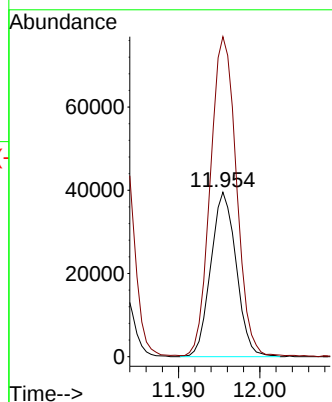
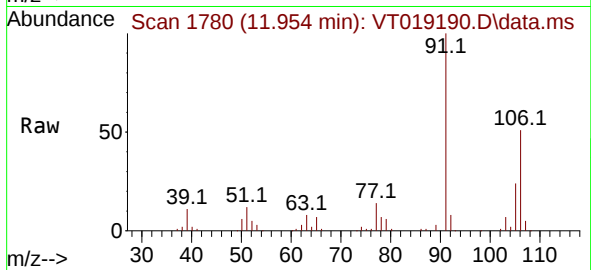




#67
m/p-Xylenes
Concen: 34.738 ug/l
RT: 11.954 min Scan# 11
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

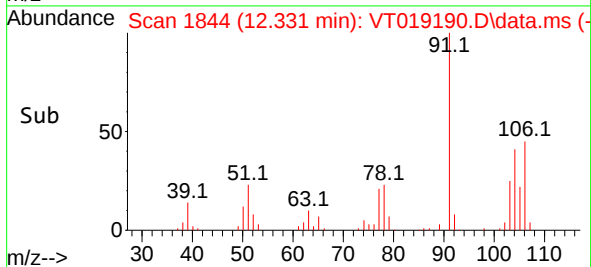
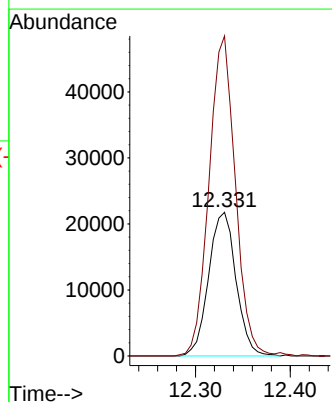
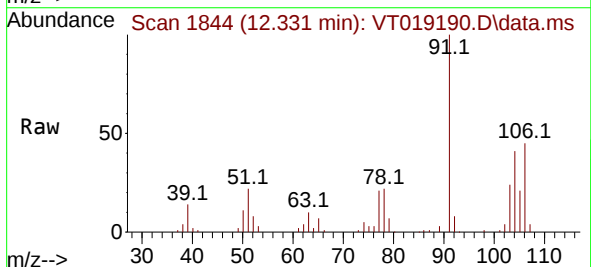
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

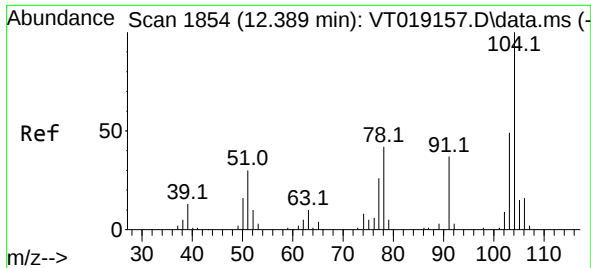
Tgt Ion:106 Resp: 85862
Ion Ratio Lower Upper
106 100
91 199.8 164.4 246.6



#68
o-Xylene
Concen: 17.119 ug/l
RT: 12.331 min Scan# 1844
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion:106 Resp: 43675
Ion Ratio Lower Upper
106 100
91 213.4 111.3 333.8

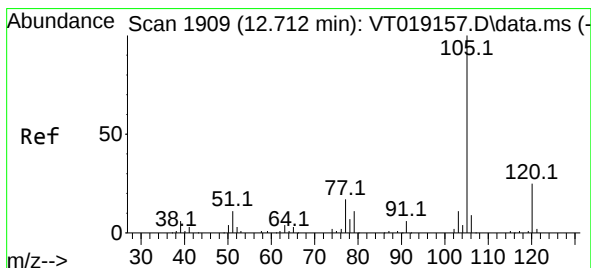
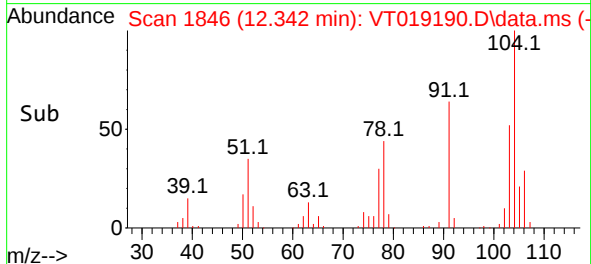
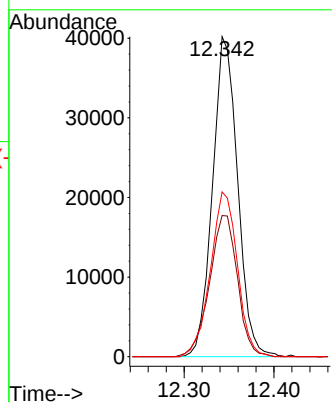
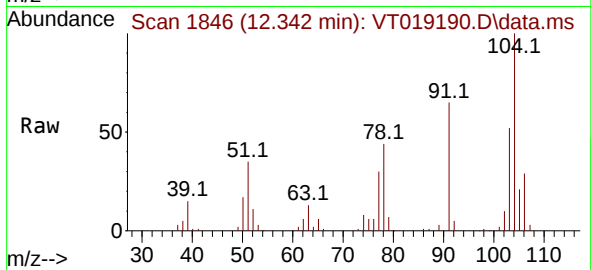




#69
Styrene
Concen: 17.011 ug/l
RT: 12.342 min Scan# 1846
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

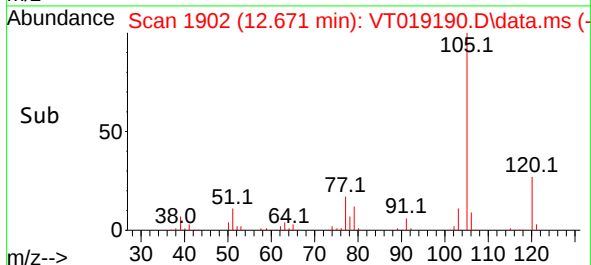
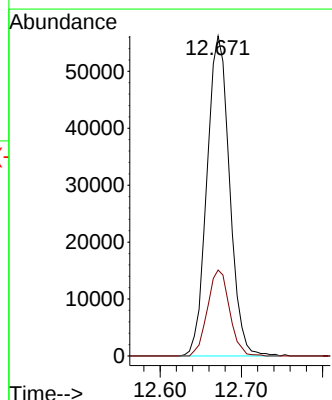
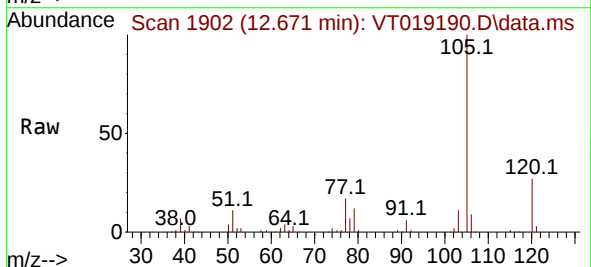
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

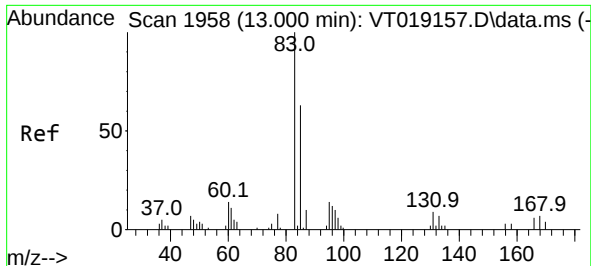
Tgt Ion:104 Resp: 77917
Ion Ratio Lower Upper
104 100
78 49.1 42.6 63.8
103 55.4 43.5 65.3



#70
Isopropylbenzene
Concen: 17.395 ug/l
RT: 12.671 min Scan# 1902
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion:105 Resp: 108853
Ion Ratio Lower Upper
105 100
120 26.1 17.8 33.0

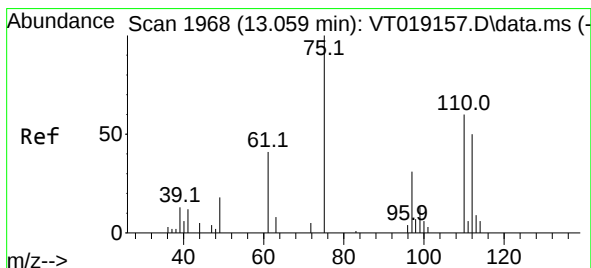
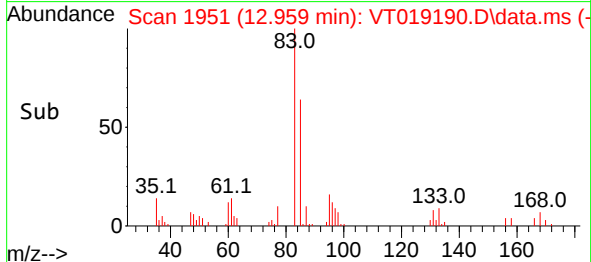
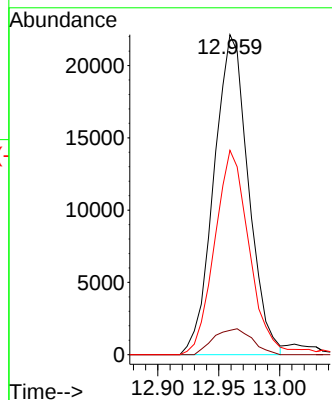
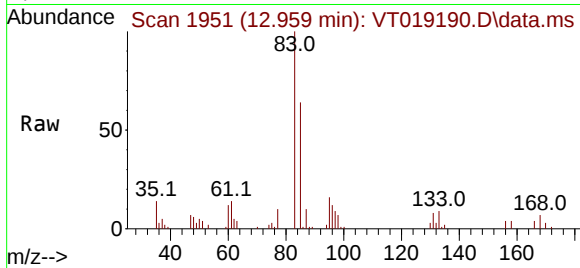




#71
1,1,2,2-Tetrachloroethane
Concen: 17.735 ug/l
RT: 12.959 min Scan# 1951
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

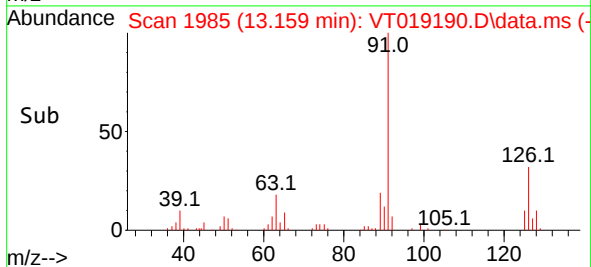
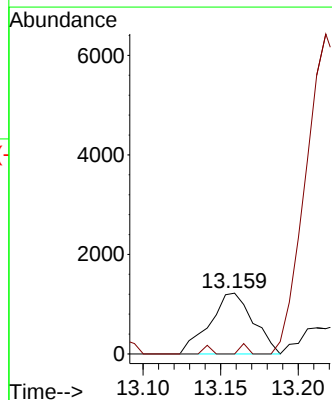
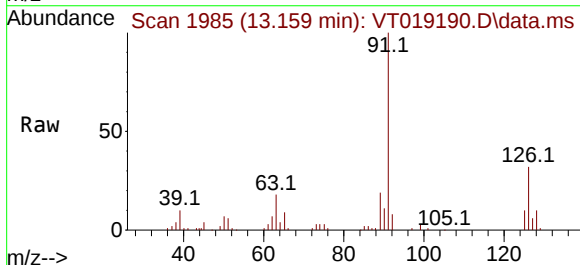
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

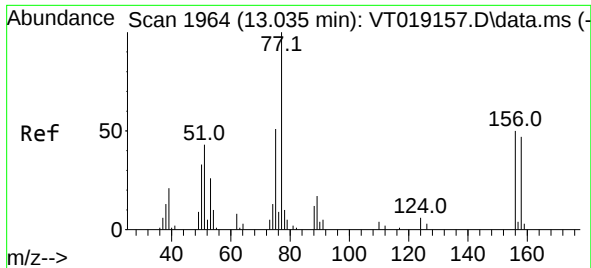
Tgt Ion: 83 Resp: 43545
Ion Ratio Lower Upper
83 100
131 9.1 6.0 18.0
85 63.4 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 1.311 ug/l
RT: 13.159 min Scan# 1985
Delta R.T. 0.100 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 75 Resp: 2376
Ion Ratio Lower Upper
75 100
77 142.4 0.0 74.2#

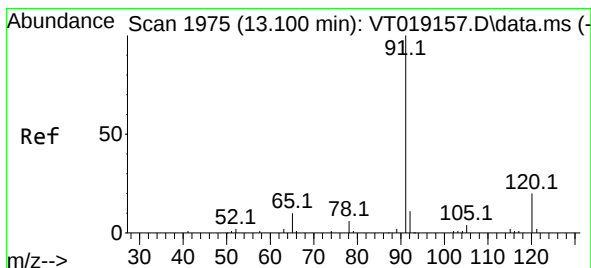
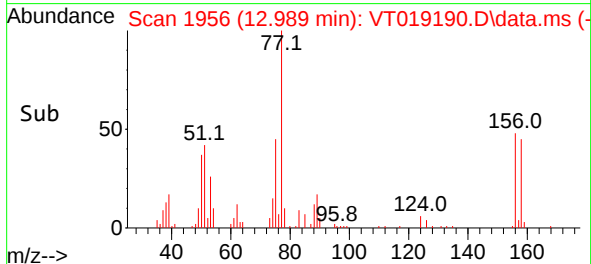
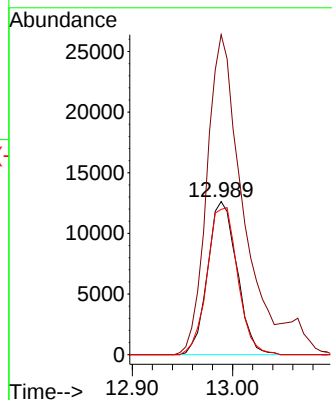
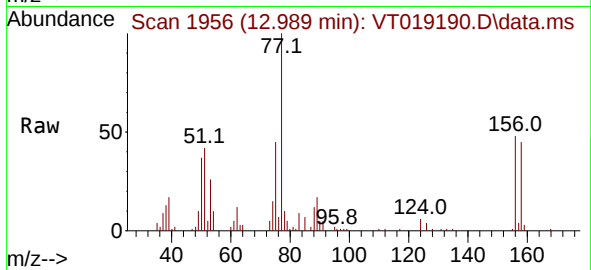




#73
Bromobenzene
Concen: 17.480 ug/l
RT: 12.989 min Scan# 1956
Delta R.T. -0.046 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

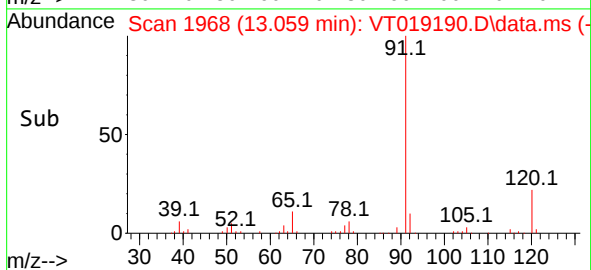
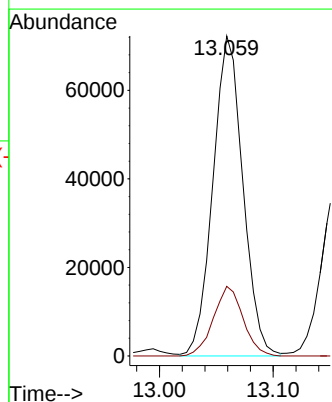
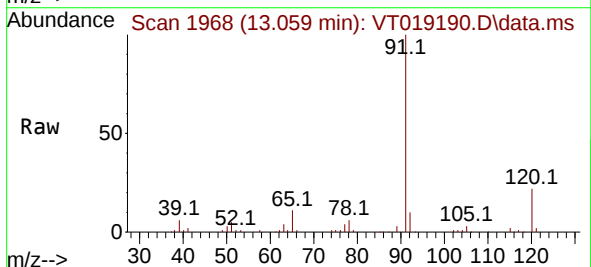
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

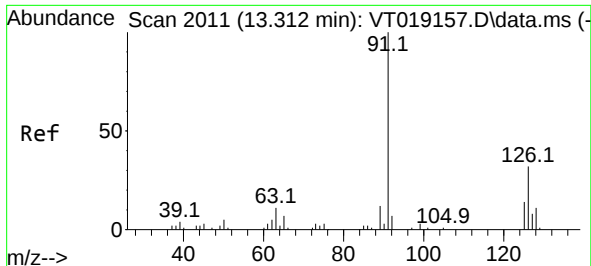
Tgt Ion:156 Resp: 25723
Ion Ratio Lower Upper
156 100
77 246.6 0.0 340.8
158 99.5 0.0 189.0



#74
n-propylbenzene
Concen: 17.528 ug/l
RT: 13.059 min Scan# 1968
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 91 Resp: 132267
Ion Ratio Lower Upper
91 100
120 21.5 0.0 44.4

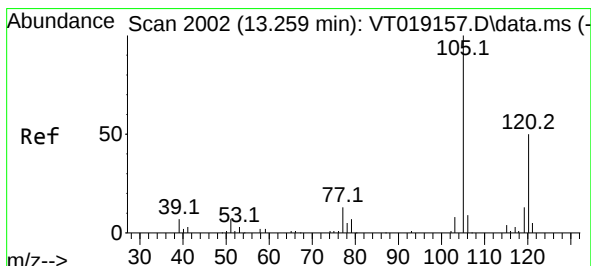
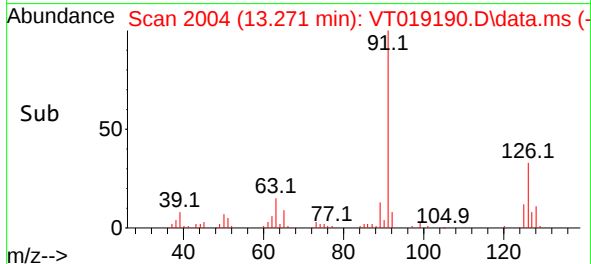
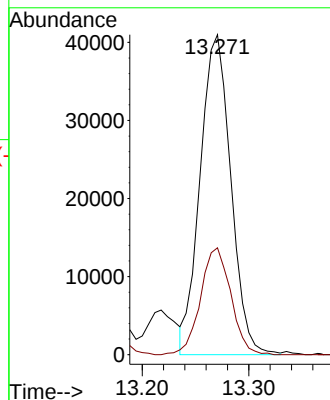
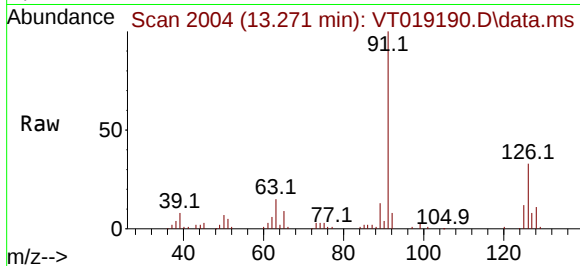




#75
2-Chlorotoluene
Concen: 17.731 ug/l
RT: 13.271 min Scan# 2011
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

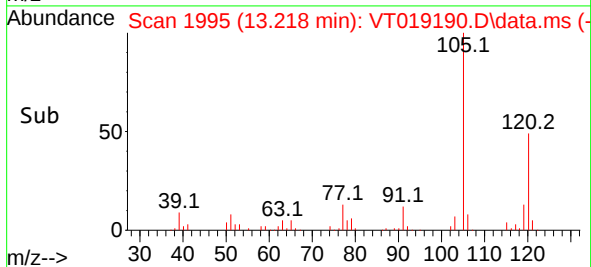
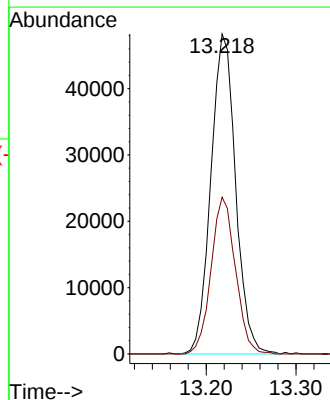
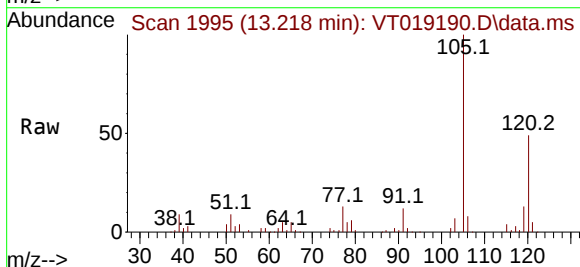
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

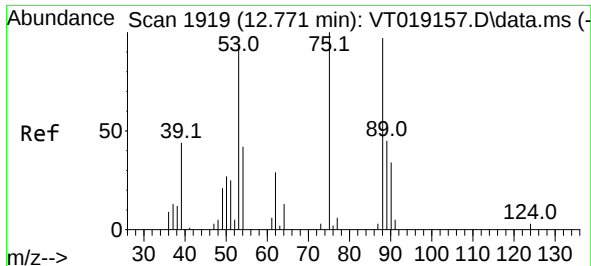
Tgt Ion: 91 Resp: 81908
Ion Ratio Lower Upper
91 100
126 33.0 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 17.968 ug/l
RT: 13.218 min Scan# 1995
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 105 Resp: 92250
Ion Ratio Lower Upper
105 100
120 48.1 0.0 93.0

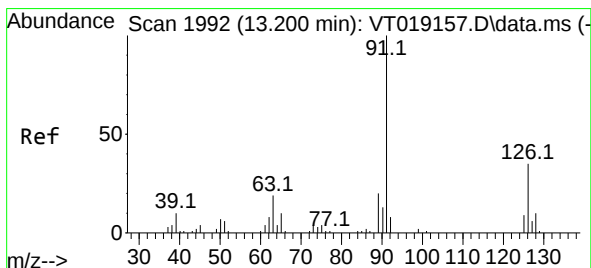
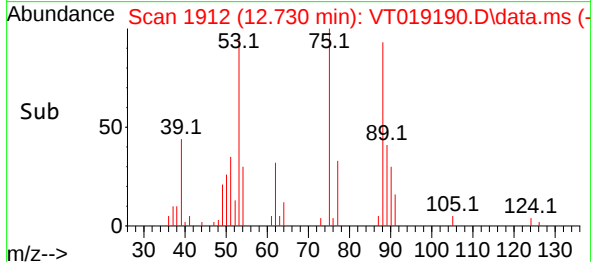
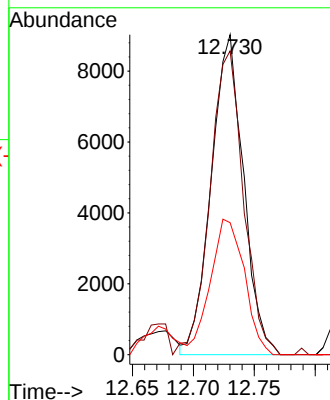
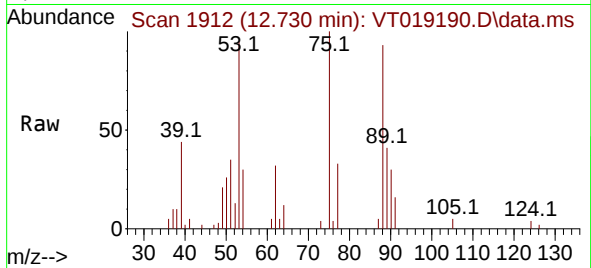




#77
t-1,4-Dichloro-2-butene
Concen: 18.861 ug/l
RT: 12.730 min Scan# 1912
Delta R.T. -0.035 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

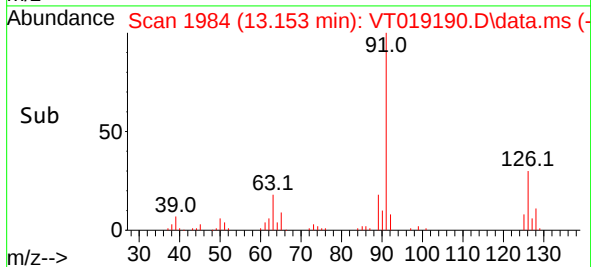
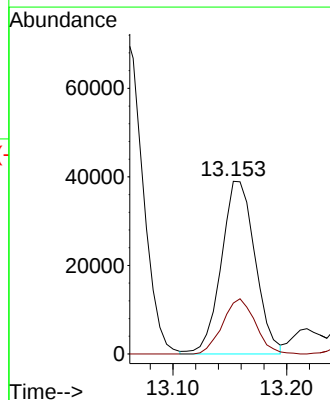
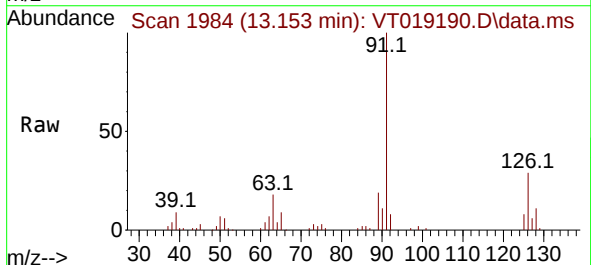
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

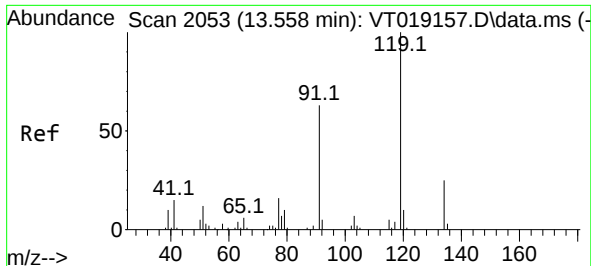
Tgt Ion: 75 Resp: 16610
Ion Ratio Lower Upper
75 100
53 94.9 48.4 145.2
89 41.2 33.8 101.3



#78
4-Chlorotoluene
Concen: 17.728 ug/l
RT: 13.153 min Scan# 1984
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 91 Resp: 80784
Ion Ratio Lower Upper
91 100
126 30.8 0.0 57.2





#79

tert-butylbenzene

Concen: 5.302 ug/l

RT: 13.564 min Scan# 2053

Delta R.T. 0.006 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

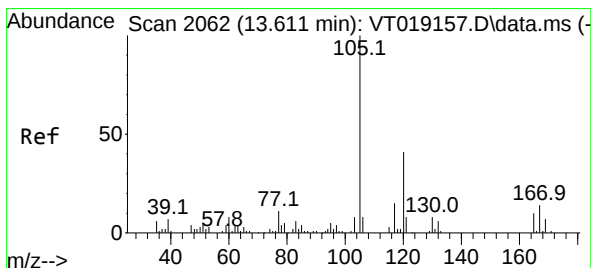
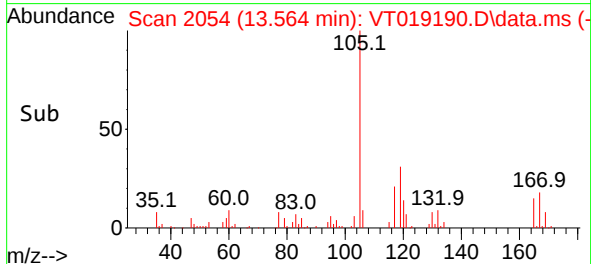
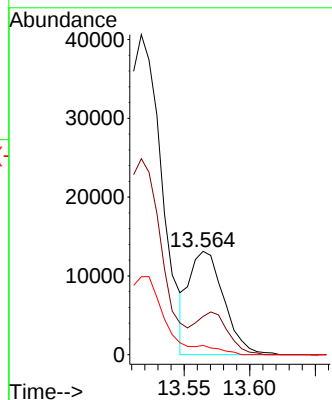
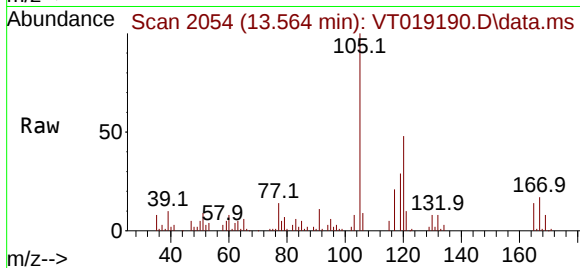
Tgt Ion:119 Resp: 24174

Ion Ratio Lower Upper

119 100

91 37.6 0.0 120.6

134 5.2 0.0 46.0



#80

1,2,4-Trimethylbenzene

Concen: 17.473 ug/l

RT: 13.570 min Scan# 2055

Delta R.T. -0.041 min

Lab File: VT019190.D

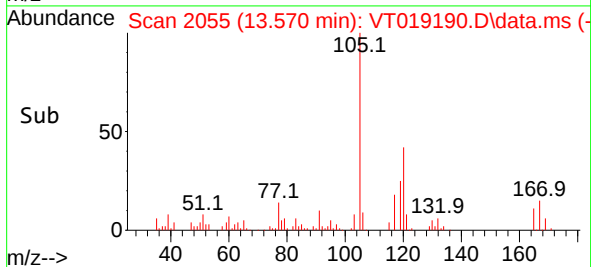
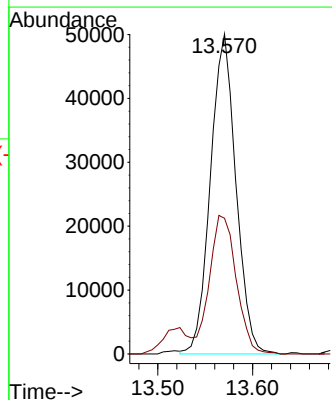
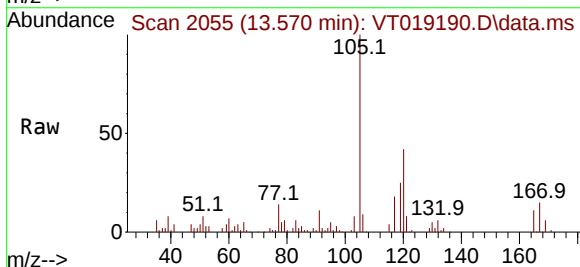
Acq: 27 Oct 2025 14:48

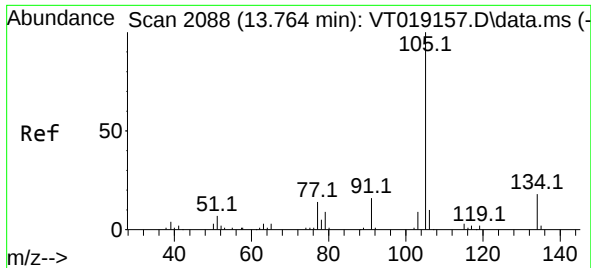
Tgt Ion:105 Resp: 93593

Ion Ratio Lower Upper

105 100

120 45.8 0.0 88.6

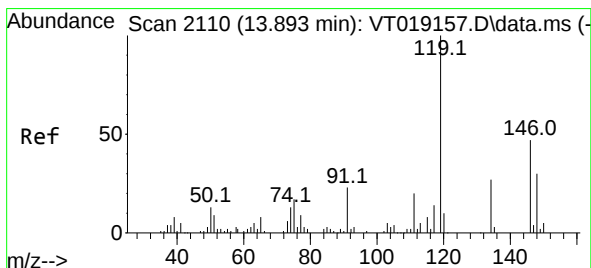
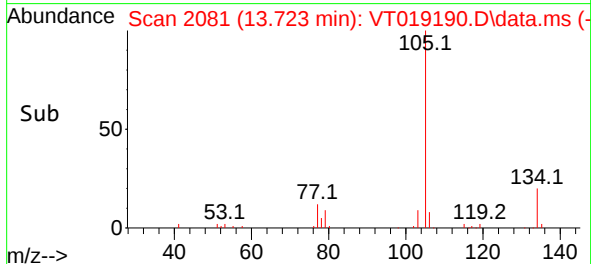
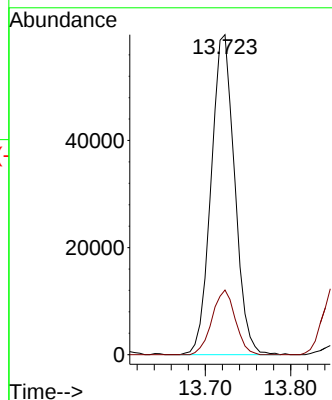
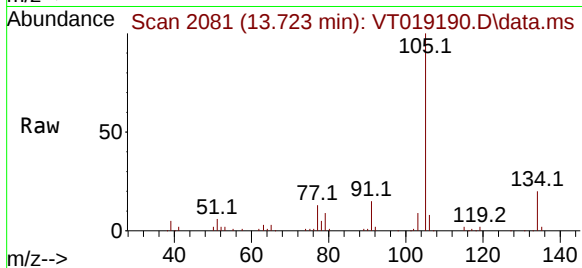




#81
 sec-Butylbenzene
 Concen: 17.456 ug/l
 RT: 13.723 min Scan# 2088
 Delta R.T. -0.041 min
 Lab File: VT019190.D
 Acq: 27 Oct 2025 14:48

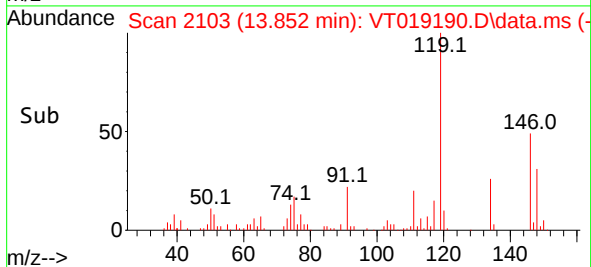
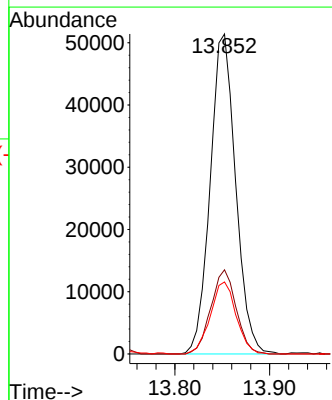
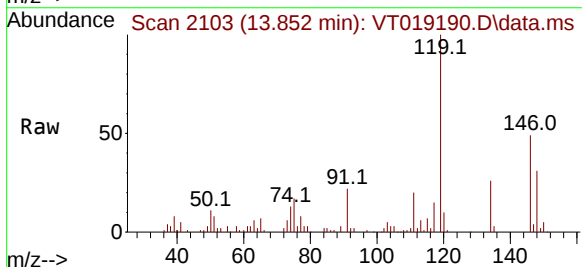
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDCCC020EC

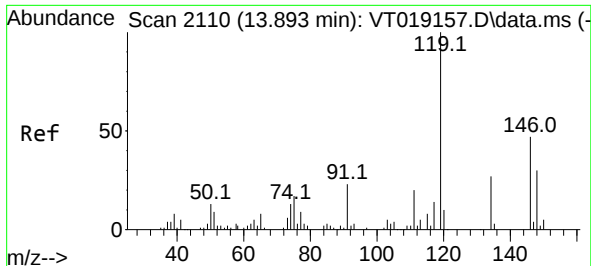
Tgt Ion:105 Resp: 114689
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 17.559 ug/l
 RT: 13.852 min Scan# 2103
 Delta R.T. -0.041 min
 Lab File: VT019190.D
 Acq: 27 Oct 2025 14:48

Tgt Ion:119 Resp: 95976
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 50.8
 91 22.8 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 18.100 ug/l

RT: 13.852 min Scan# 2110

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

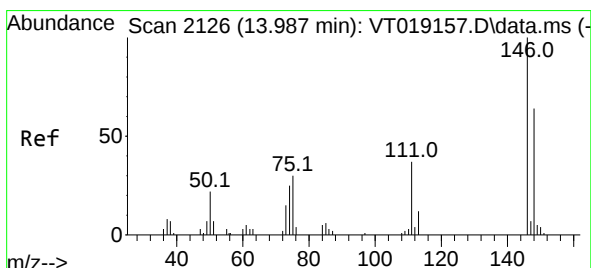
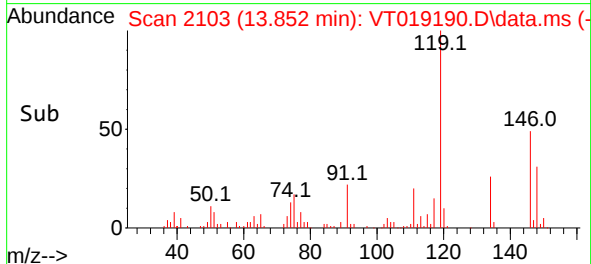
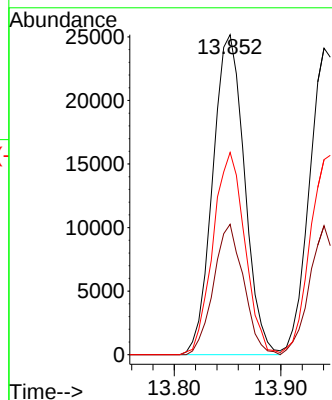
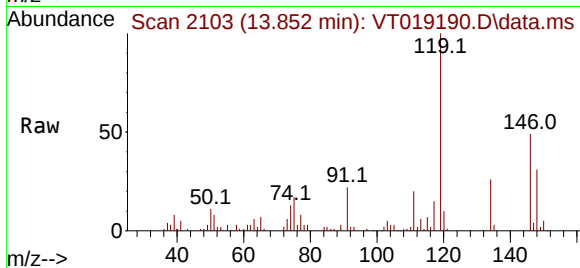
Tgt Ion:146 Resp: 52235

Ion Ratio Lower Upper

146 100

111 38.4 20.7 62.1

148 63.4 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 17.638 ug/l

RT: 13.940 min Scan# 2118

Delta R.T. -0.041 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

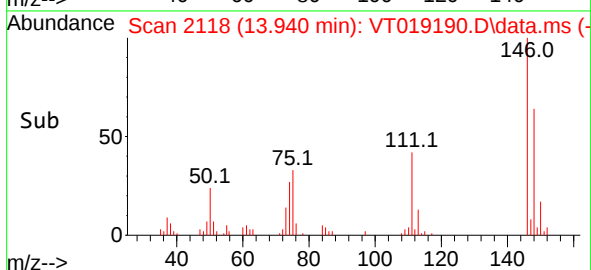
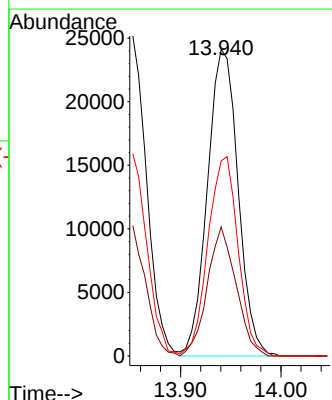
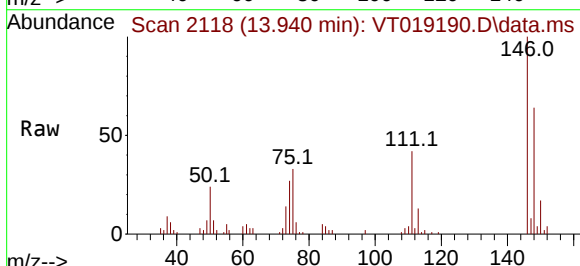
Tgt Ion:146 Resp: 51250

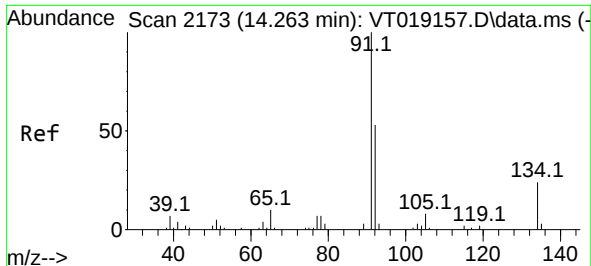
Ion Ratio Lower Upper

146 100

111 39.4 20.4 61.3

148 63.8 32.3 96.8

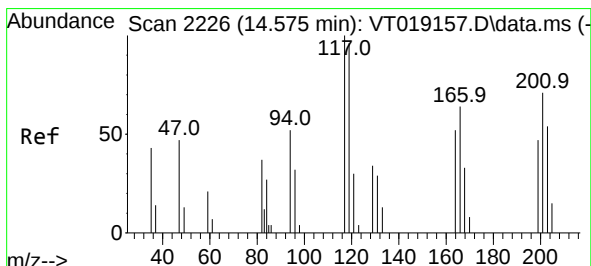
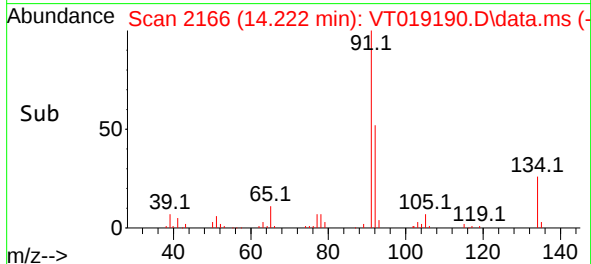
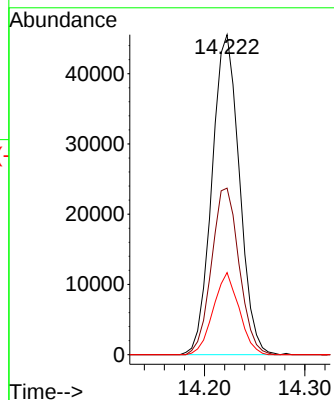
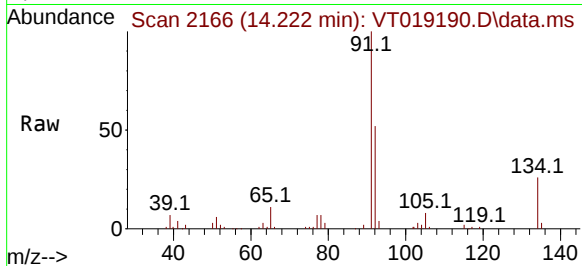




#85
n-Butylbenzene
Concen: 17.300 ug/l
RT: 14.222 min Scan# 2173
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

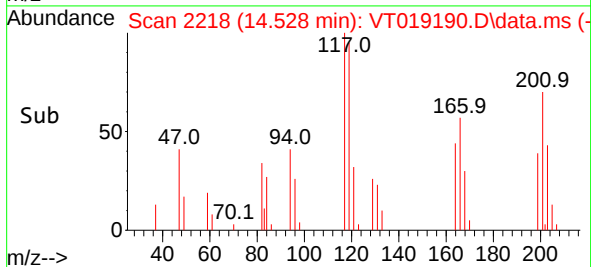
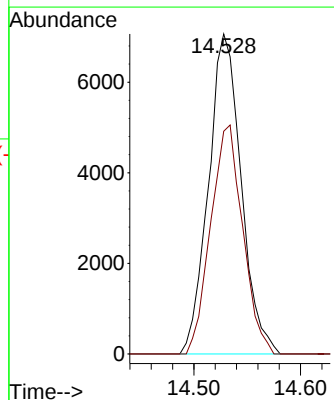
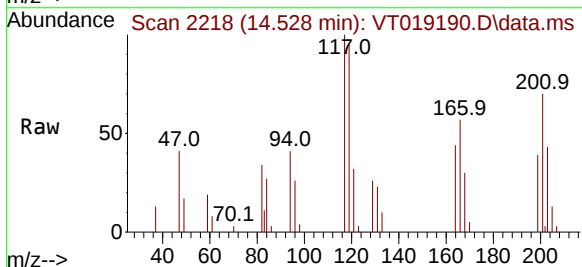
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

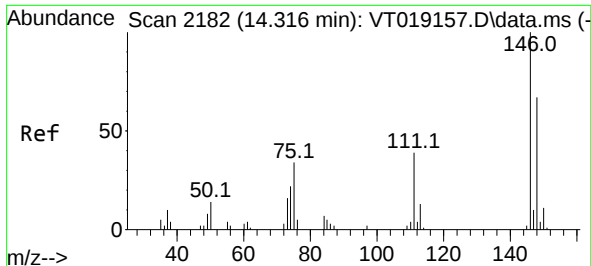
Tgt Ion: 91 Resp: 86543
Ion Ratio Lower Upper
91 100
92 52.4 0.0 107.8
134 24.2 0.0 50.0



#86
Hexachloroethane
Concen: 20.571 ug/l
RT: 14.528 min Scan# 2218
Delta R.T. -0.047 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 117 Resp: 15068
Ion Ratio Lower Upper
117 100
201 70.0 0.5 1.5#

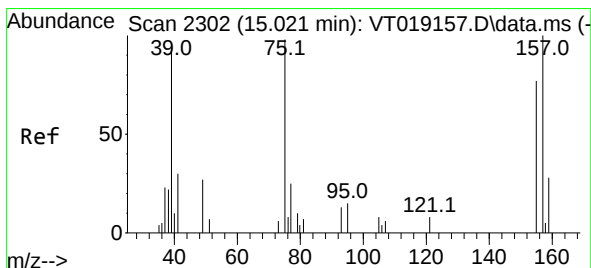
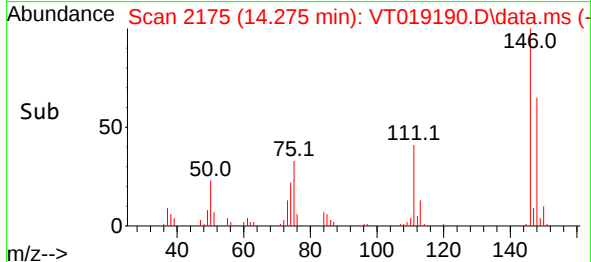
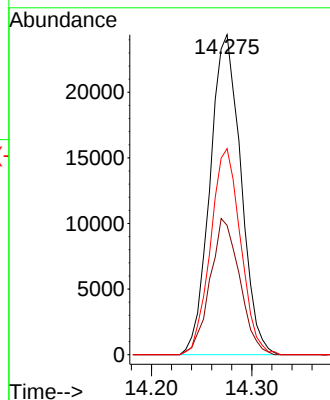
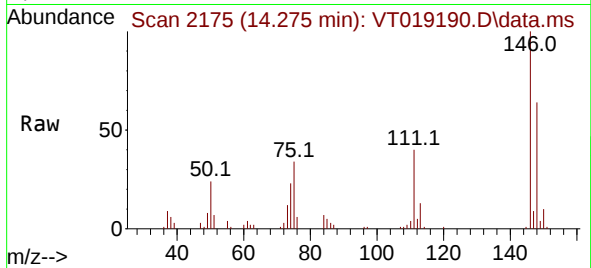




#87
1,2-Dichlorobenzene
Concen: 18.055 ug/l
RT: 14.275 min Scan# 2182
Delta R.T. -0.041 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

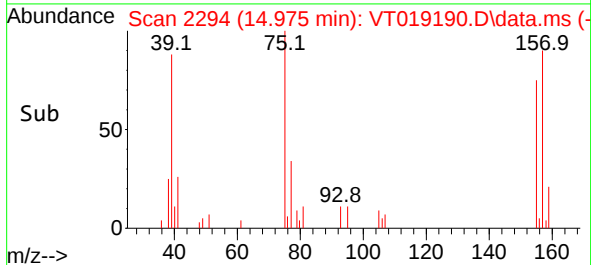
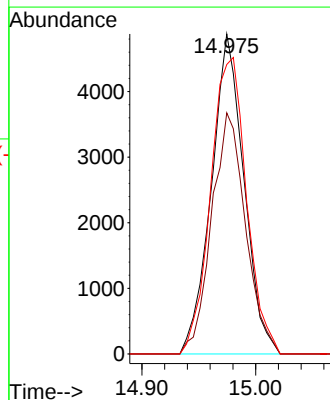
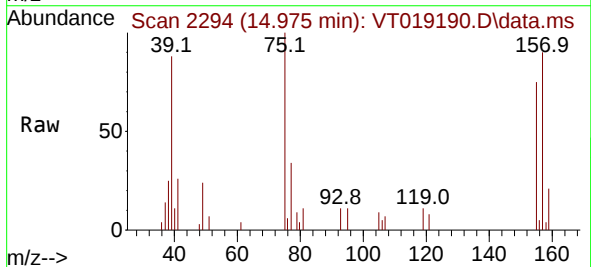
Instrument :
MSVOA_T
ClientSampleId :
VSTDCCC020EC

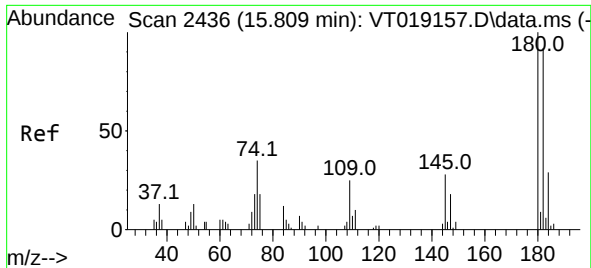
Tgt Ion:146 Resp: 52053
Ion Ratio Lower Upper
146 100
111 40.8 21.8 65.3
148 62.8 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.009 ug/l
RT: 14.975 min Scan# 2294
Delta R.T. -0.046 min
Lab File: VT019190.D
Acq: 27 Oct 2025 14:48

Tgt Ion: 75 Resp: 9715
Ion Ratio Lower Upper
75 100
155 78.4 65.4 98.2
157 102.1 82.0 123.0





#89

1,2,4-Trichlorobenzene

Concen: 17.670 ug/l

RT: 15.756 min Scan# 2436

Delta R.T. -0.053 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

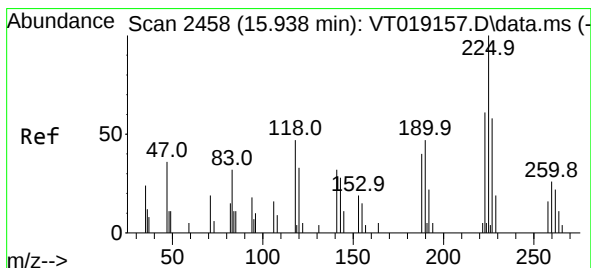
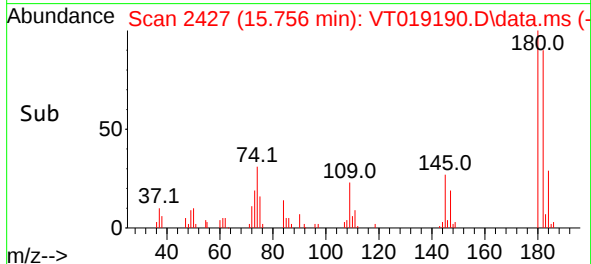
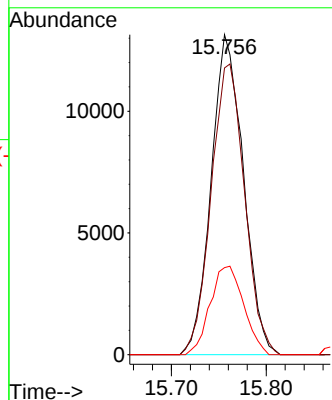
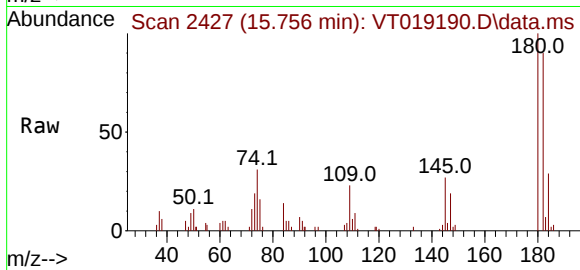
Tgt Ion:180 Resp: 31012

Ion Ratio Lower Upper

180 100

182 94.3 78.2 117.2

145 28.8 26.5 39.7



#90

Hexachlorobutadiene

Concen: 18.083 ug/l

RT: 15.879 min Scan# 2448

Delta R.T. -0.059 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

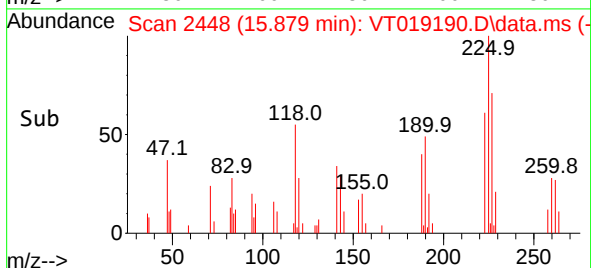
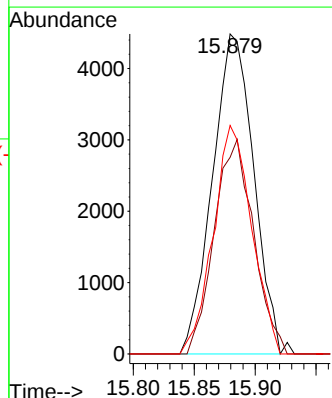
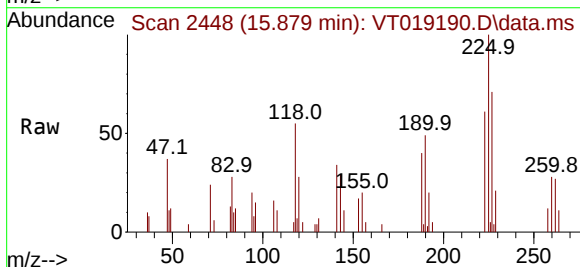
Tgt Ion:225 Resp: 10523

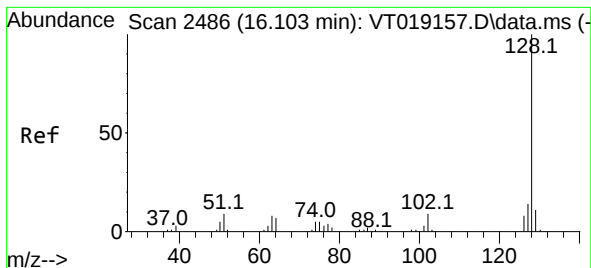
Ion Ratio Lower Upper

225 100

223 64.2 0.0 73.8

227 66.9 0.0 130.6





#91

Naphthalene

Concen: 16.864 ug/l

RT: 16.050 min Scan# 24

Delta R.T. -0.047 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Instrument :

MSVOA_T

ClientSampleId :

VSTDCCC020EC

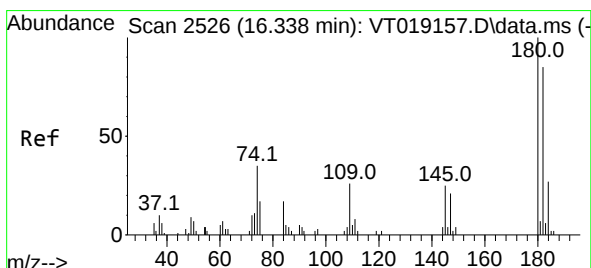
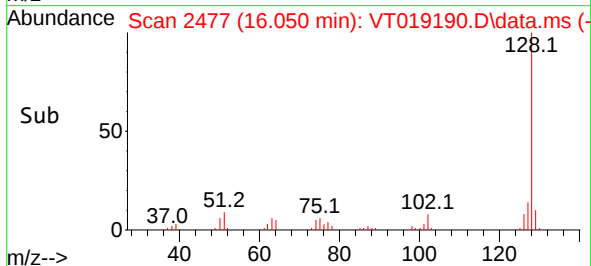
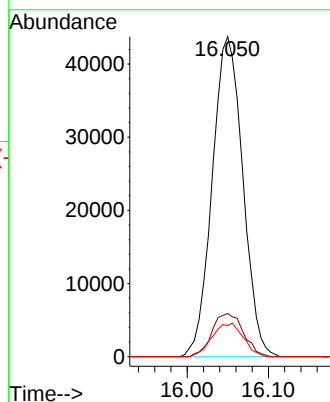
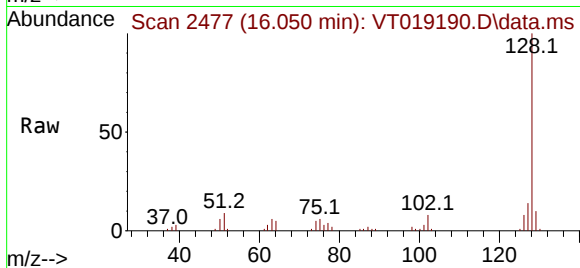
Tgt Ion:128 Resp: 114401

Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

129 10.6 9.0 13.4



#92

1,2,3-Trichlorobenzene

Concen: 17.742 ug/l

RT: 16.285 min Scan# 2517

Delta R.T. -0.053 min

Lab File: VT019190.D

Acq: 27 Oct 2025 14:48

Tgt Ion:180 Resp: 31431

Ion Ratio Lower Upper

180 100

182 94.2 0.0 189.0

145 29.4 0.0 69.2

