

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102925\
 Data File : VT019192.D
 Acq On : 29 Oct 2025 8:59
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 30 08:26:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 30 08:20:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.548	168	158093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	273884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.719	117	219787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.929	152	98407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.930	65	4641	1.825	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.660%	
35) Dibromofluoromethane	7.471	113	1741	1.005	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.020%	
50) Toluene-d8	10.221	98	11025	1.567	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.140%	
62) 4-Bromofluorobenzene	12.853	95	5002	2.262	ug/l	0.00
Spiked Amount	50.000		Recovery	=	4.520%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.866	85	790	0.849	ug/l #	41
3) Chloromethane	2.072	50	1050	0.723	ug/l #	42
4) Vinyl Chloride	2.183	62	1883	1.026	ug/l	98
5) Bromomethane	2.536	94	1659	1.645	ug/l	85
6) Chloroethane	2.677	64	1573	0.945	ug/l #	85
7) Trichlorofluoromethane	2.977	101	3241	0.954	ug/l	97
8) Diethyl Ether	3.341	74	1543	0.947	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.664	101	1660	1.007	ug/l #	64
10) Methyl Iodide	3.846	142	448	0.336	ug/l #	76
11) Tert butyl alcohol	4.628	59	3630	6.716	ug/l #	77
12) 1,1-Dichloroethene	3.646	96	1788	1.174	ug/l #	70
13) Acrolein	3.523	56	824	8.936	ug/l	87
14) Allyl chloride	4.187	41	3343	1.113	ug/l	97
15) Acrylonitrile	4.810	53	6993	5.305	ug/l	99
16) Acetone	3.717	43	16199	1.059	ug/l	94
17) Carbon Disulfide	3.940	76	2440	1.178	ug/l #	75
18) Methyl Acetate	4.187	43	3230	0.722	ug/l #	79
19) Methyl tert-butyl Ether	4.886	73	7290	1.059	ug/l	99
20) Methylene Chloride	4.404	84	2486	1.462	ug/l #	83
21) trans-1,2-Dichloroethene	4.857	96	1276	0.984	ug/l #	82
22) Diisopropyl ether	5.779	45	7408	1.039	ug/l #	84
23) Vinyl Acetate	5.715	43	27087	5.316	ug/l	98
24) 1,1-Dichloroethane	5.673	63	3551	1.064	ug/l #	84
25) 2-Butanone	6.666	43	13392	6.885	ug/l	93
26) 2,2-Dichloropropane	6.655	77	3178	1.104	ug/l #	75
27) cis-1,2-Dichloroethene	6.655	96	1757	0.965	ug/l	77
28) Bromochloromethane	7.043	49	2760	1.548	ug/l #	93
29) Tetrahydrofuran	7.072	42	6342	5.604	ug/l #	87
30) Chloroform	7.231	83	3246	1.039	ug/l	100
31) Cyclohexane	7.542	56	7180	2.894	ug/l #	46
32) 1,1,1-Trichloroethane	7.442	97	2647	1.064	ug/l #	53
36) 1,1-Dichloropropene	7.677	75	2110	1.083	ug/l #	87
37) Ethyl Acetate	6.760	43	3658	1.103	ug/l #	78
38) Carbon Tetrachloride	7.654	117	1560	0.881	ug/l #	74
39) Methylcyclohexane	9.087	83	2362	1.097	ug/l	93
40) Benzene	7.947	78	6797	1.031	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.013	41	1828	1.095	ug/l #	68
42) 1,2-Dichloroethane	8.035	62	2423	1.045	ug/l	84
43) Isopropyl Acetate	8.088	43	5767	1.093	ug/l	95
44) Trichloroethene	8.817	130	1337	1.037	ug/l	98
45) 1,2-Dichloropropane	9.134	63	1690	1.007	ug/l	90
46) Dibromomethane	9.234	93	803	0.795	ug/l	98
47) Bromodichloromethane	9.451	83	2203	0.967	ug/l #	88
48) Methyl methacrylate	9.222	41	2346	0.990	ug/l	90
49) 1,4-Dioxane	9.234	88	963	21.642	ug/l	93
51) 4-Methyl-2-Pentanone	10.104	43	15726	4.951	ug/l	94
52) Toluene	10.298	92	3819	1.013	ug/l	91
53) t-1,3-Dichloropropene	10.556	75	2436	0.988	ug/l	98
54) cis-1,3-Dichloropropene	9.939	75	2566	1.005	ug/l	88
55) 1,1,2-Trichloroethane	10.768	97	1656	1.114	ug/l #	87
56) Ethyl methacrylate	10.609	69	2728	0.955	ug/l	95
57) 1,3-Dichloropropane	10.926	76	2736	1.037	ug/l	89
58) 2-Chloroethyl Vinyl ether	9.781	63	4632	6.025	ug/l	96
59) 2-Hexanone	10.973	43	13950	5.797	ug/l	96
60) Dibromochloromethane	11.144	129	1319	0.880	ug/l	89
61) 1,2-Dibromoethane	11.267	107	1331	0.962	ug/l	98
64) Tetrachloroethene	10.832	164	960	0.961	ug/l #	79
65) Chlorobenzene	11.755	112	4284	1.086	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.837	131	1197	0.886	ug/l #	66
67) Ethyl Benzene	11.843	91	7579	1.028	ug/l	98
68) m/p-Xylenes	11.966	106	5809	2.132	ug/l	93
69) o-Xylene	12.336	106	2779	1.026	ug/l	100
70) Styrene	12.354	104	4775	0.979	ug/l	93
71) Bromoform	12.548	173	762	0.738	ug/l #	72
73) Isopropylbenzene	12.677	105	7457	1.101	ug/l	98
74) N-amyl acetate	12.466	43	3771	1.104	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.971	83	2655	1.144	ug/l #	89
76) 1,2,3-Trichloropropane	13.024	75	3153	1.545	ug/l #	100
77) Bromobenzene	13.000	156	1592	1.108	ug/l	90
78) n-propylbenzene	13.071	91	9359	1.163	ug/l	90
79) 2-Chlorotoluene	13.165	91	5273	1.144	ug/l	91
80) 1,3,5-Trimethylbenzene	13.230	105	6041	1.110	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.730	75	677	0.784	ug/l	91
82) 4-Chlorotoluene	13.277	91	6451	1.375	ug/l	88
83) tert-Butylbenzene	13.523	119	5666	1.125	ug/l	96
84) 1,2,4-Trimethylbenzene	13.576	105	6190	1.120	ug/l	100
85) sec-Butylbenzene	13.735	105	7955	1.077	ug/l	96
86) p-Isopropyltoluene	13.858	119	6593	1.069	ug/l	97
87) 1,3-Dichlorobenzene	13.858	146	3277	1.111	ug/l	97
88) 1,4-Dichlorobenzene	13.858	146	3277	1.103	ug/l	97
89) n-Butylbenzene	14.234	91	5596	0.982	ug/l	97
90) Hexachloroethane	14.540	117	706	0.742	ug/l	96
91) 1,2-Dichlorobenzene	14.293	146	3348	1.159	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.980	75	465	0.929	ug/l #	62
93) 1,2,4-Trichlorobenzene	15.774	180	1873	1.008	ug/l	95
94) Hexachlorobutadiene	15.897	225	873	1.139	ug/l #	53
95) Naphthalene	16.062	128	6693	1.029	ug/l	97
96) 1,2,3-Trichlorobenzene	16.302	180	1895	1.034	ug/l	94

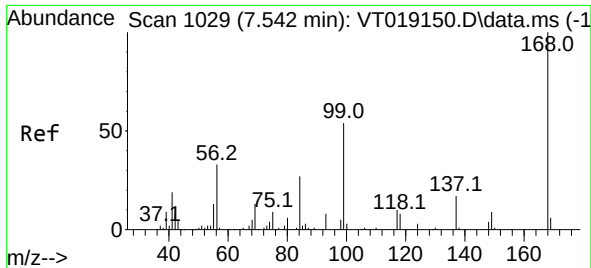
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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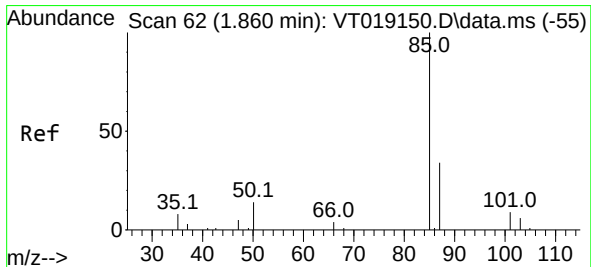
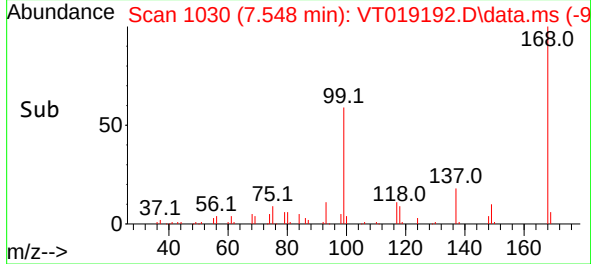
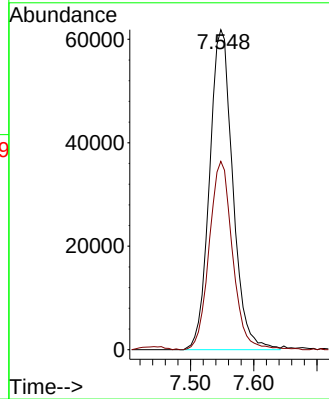
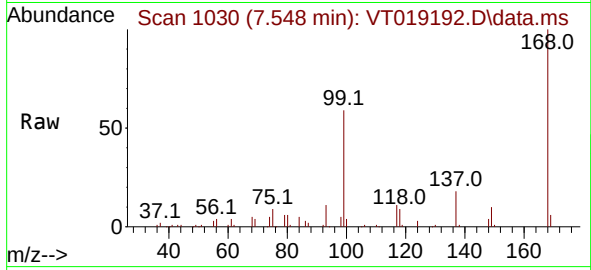
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.548 min Scan# 10
Delta R.T. -0.000 min
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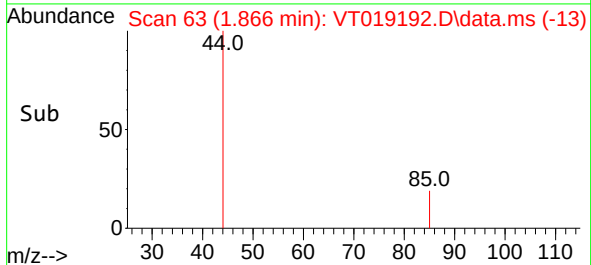
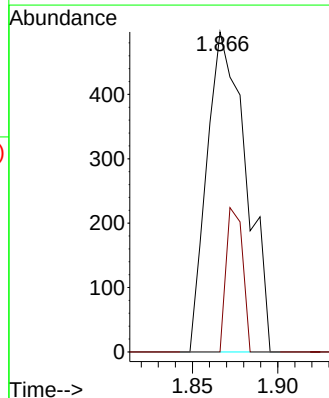
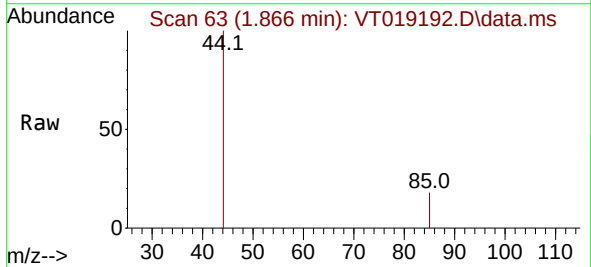
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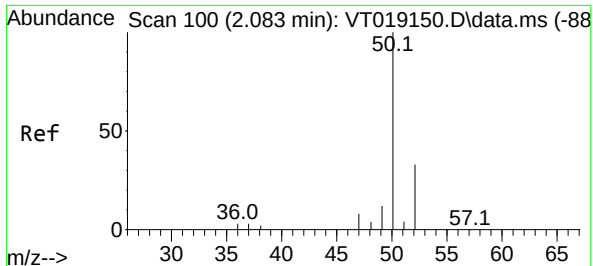
Tgt Ion:168 Resp: 158093
Ion Ratio Lower Upper
168 100
99 58.8 46.6 70.0



#2
Dichlorodifluoromethane
Concen: 0.849 ug/l
RT: 1.866 min Scan# 63
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 85 Resp: 790
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.4#

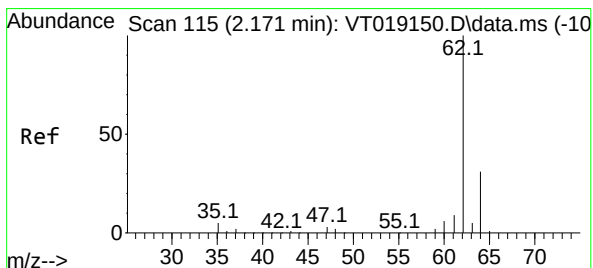
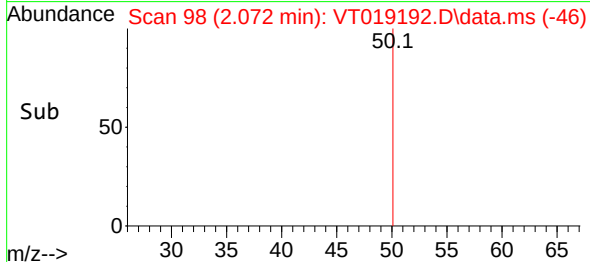
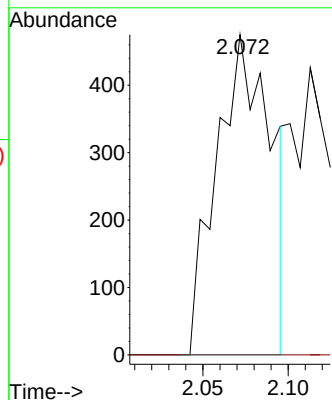
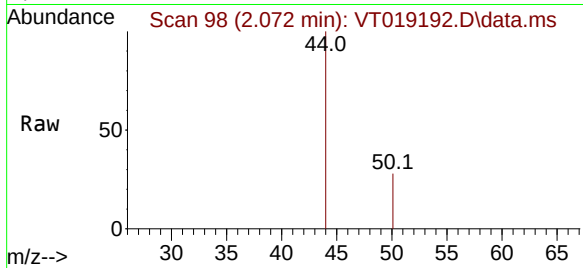




#3
Chloromethane
Concen: 0.723 ug/l
RT: 2.072 min Scan# 91
Delta R.T. 0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

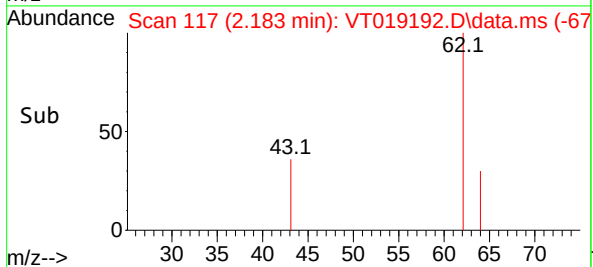
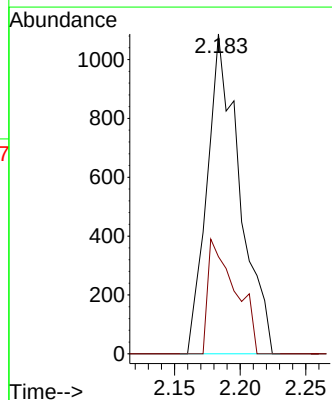
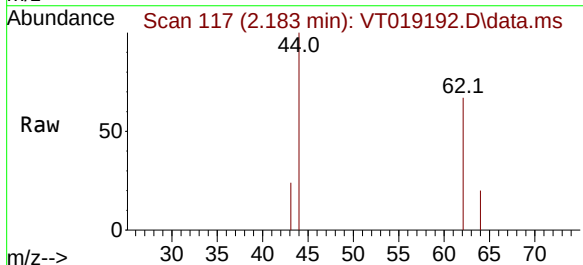
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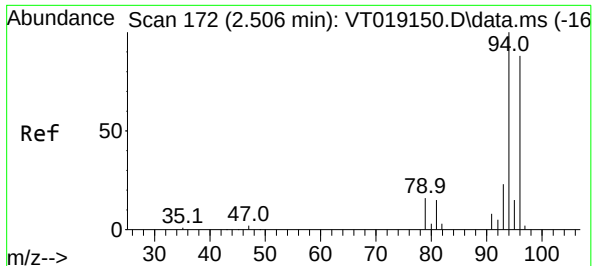
Tgt Ion: 50 Resp: 1050
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#



#4
Vinyl Chloride
Concen: 1.026 ug/l
RT: 2.183 min Scan# 117
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 62 Resp: 1883
Ion Ratio Lower Upper
62 100
64 30.4 25.2 37.8

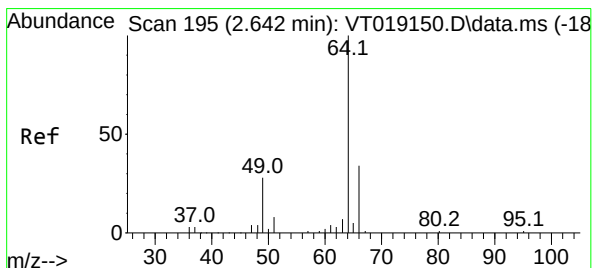
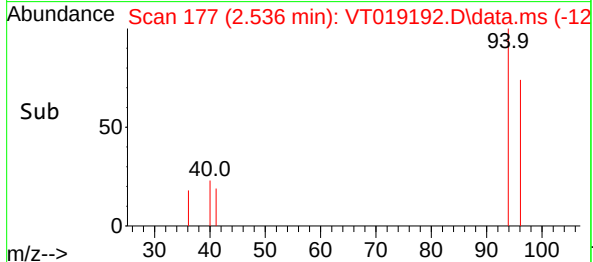
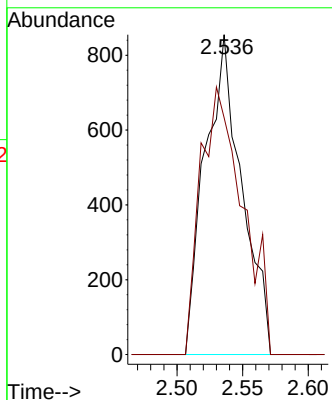
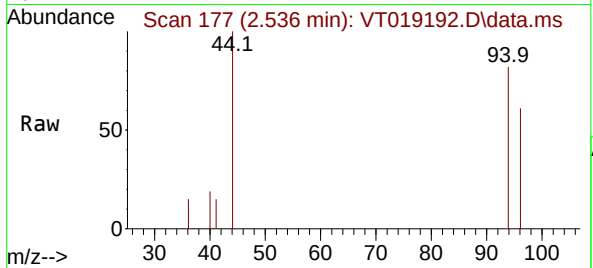




#5
Bromomethane
Concen: 1.645 ug/l
RT: 2.536 min Scan# 11
Delta R.T. 0.018 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

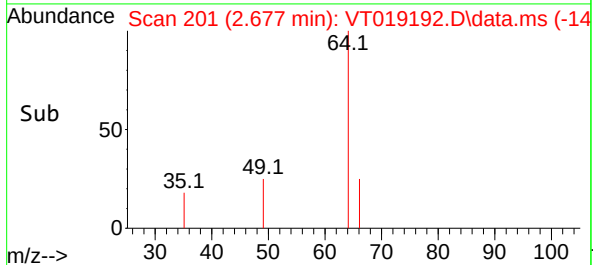
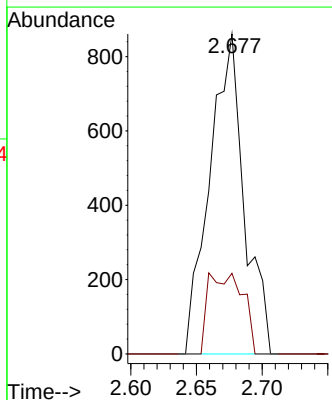
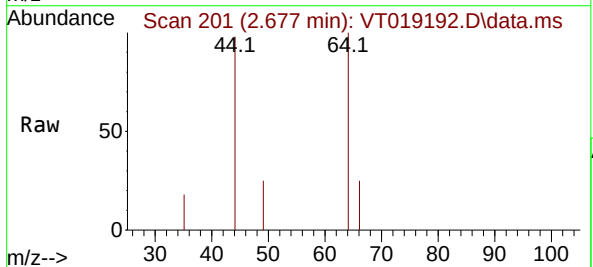
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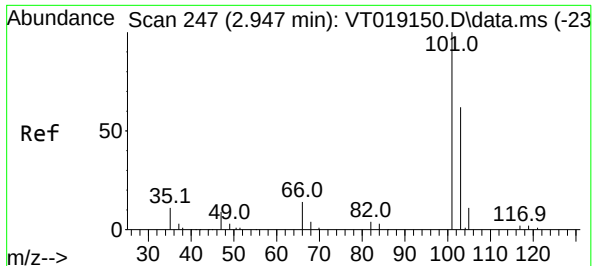
Tgt Ion: 94 Resp: 1659
Ion Ratio Lower Upper
94 100
96 74.0 70.8 106.2



#6
Chloroethane
Concen: 0.945 ug/l
RT: 2.677 min Scan# 201
Delta R.T. 0.018 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 64 Resp: 1573
Ion Ratio Lower Upper
64 100
66 25.2 26.9 40.3#

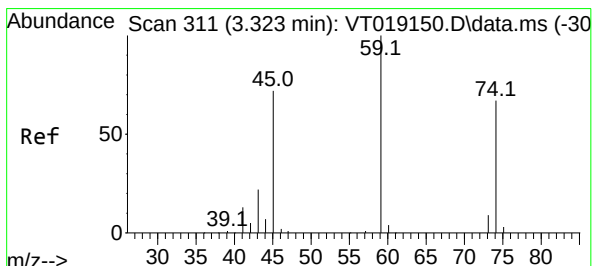
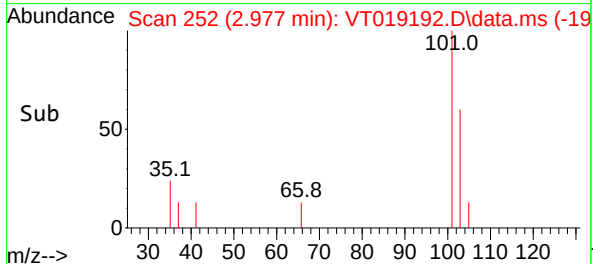
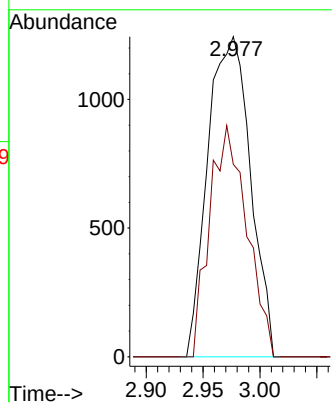
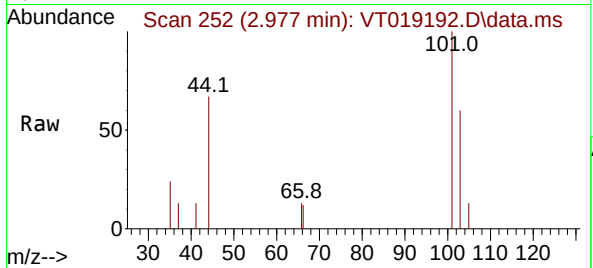




#7
 Trichlorofluoromethane
 Concen: 0.954 ug/l
 RT: 2.977 min Scan# 214
 Delta R.T. 0.012 min
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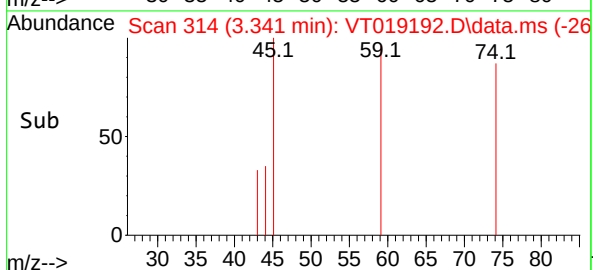
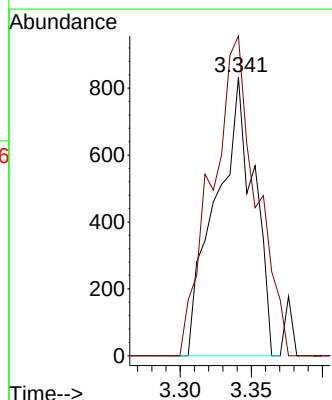
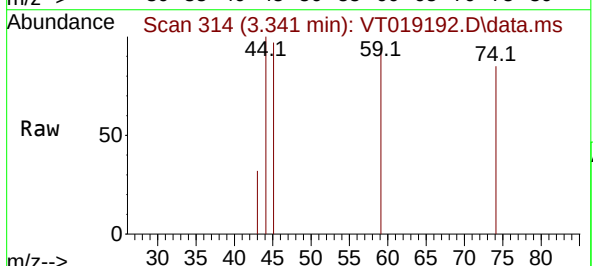
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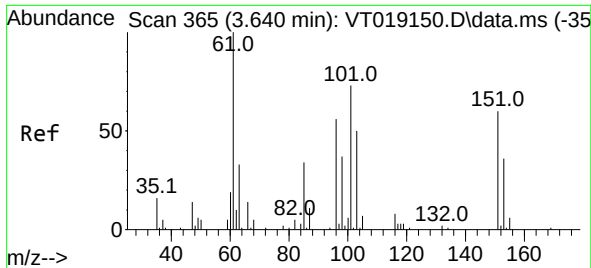
Tgt Ion:101 Resp: 3241
 Ion Ratio Lower Upper
 101 100
 103 60.1 49.9 74.9



#8
 Diethyl Ether
 Concen: 0.947 ug/l
 RT: 3.341 min Scan# 314
 Delta R.T. 0.006 min
 Lab File: VT019192.D
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Tgt Ion: 74 Resp: 1543
 Ion Ratio Lower Upper
 74 100
 45 134.2 52.3 156.8

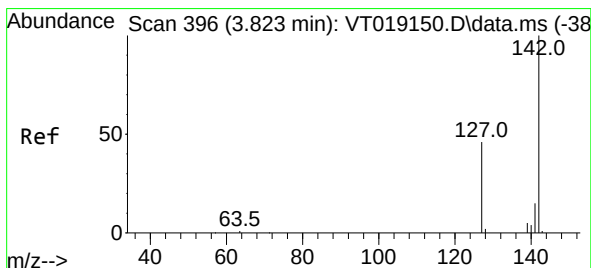
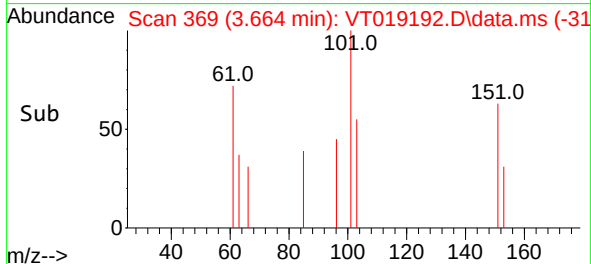
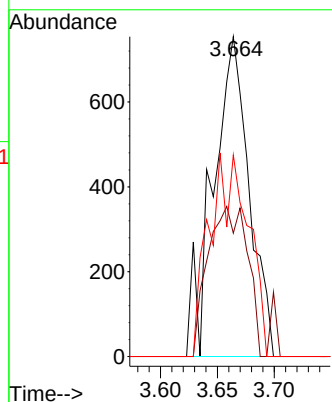
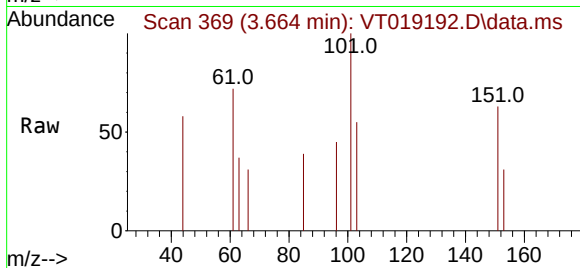




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.007 ug/l
RT: 3.664 min Scan# 30
Delta R.T. 0.012 min
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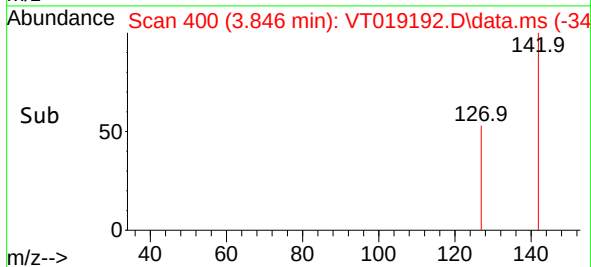
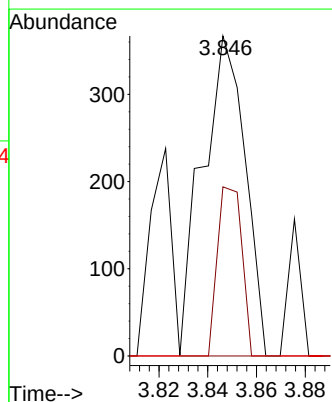
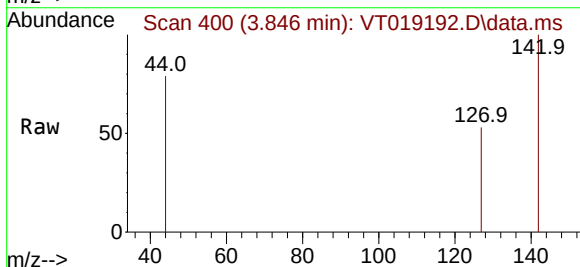
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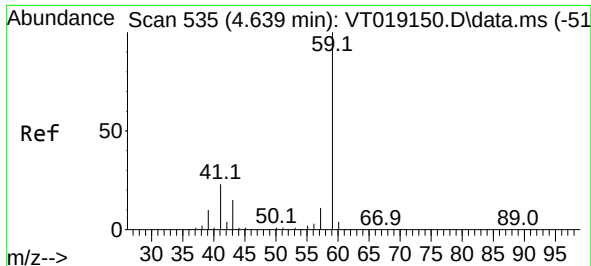
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Ion Ratio Lower Upper
101 100
85 51.4 37.0 55.6
151 34.0 63.8 95.6#



#10
Methyl Iodide
Concen: 0.336 ug/l
RT: 3.846 min Scan# 400
Delta R.T. 0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion:142 Resp: 448
Ion Ratio Lower Upper
142 100
127 30.1 35.0 52.4#
141 0.0 11.4 17.2#

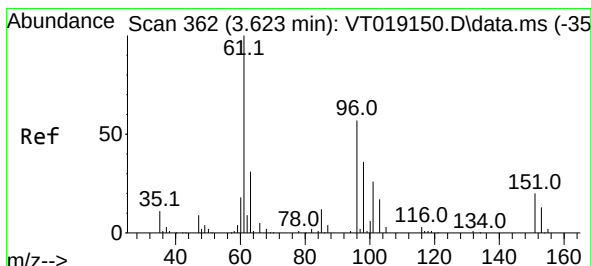
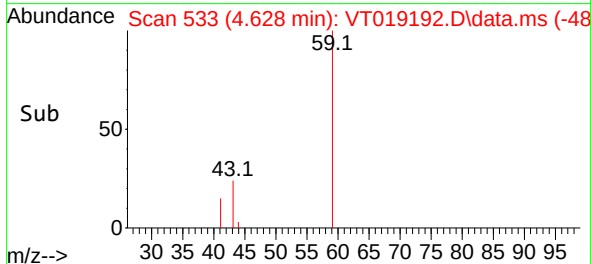
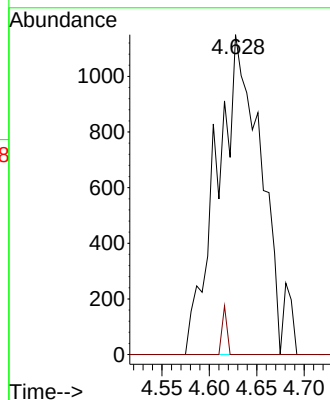
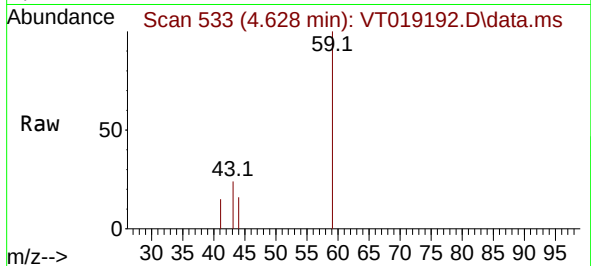




#11
Tert butyl alcohol
Concen: 6.716 ug/l
RT: 4.628 min Scan# 51
Delta R.T. -0.011 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

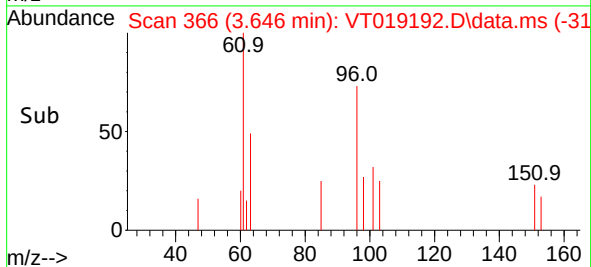
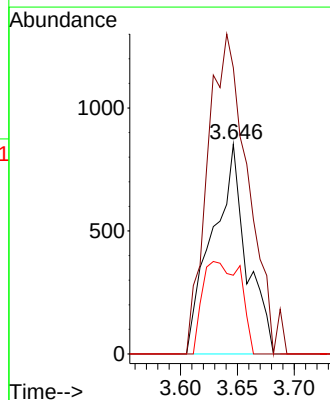
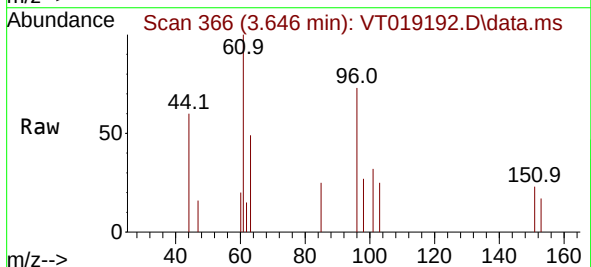
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

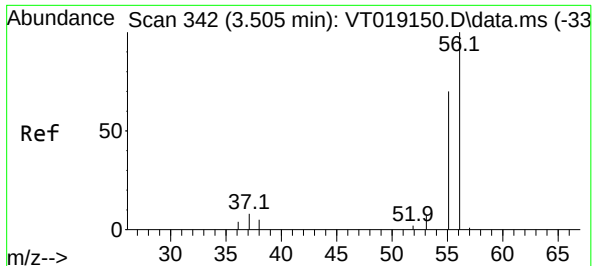
Tgt Ion: 59 Resp: 3630
Ion Ratio Lower Upper
59 100
57 1.7 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 1.174 ug/l
RT: 3.646 min Scan# 366
Delta R.T. 0.011 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 96 Resp: 1788
Ion Ratio Lower Upper
96 100
61 136.5 141.4 212.2#
98 37.5 50.7 76.1#





#13

Acrolein

Concen: 8.936 ug/l

RT: 3.523 min Scan# 34

Delta R.T. 0.006 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Instrument :

MSVOA_T

ClientSampleId :

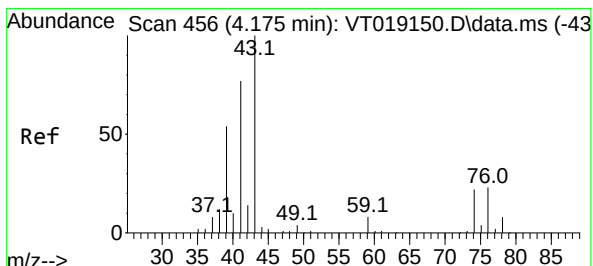
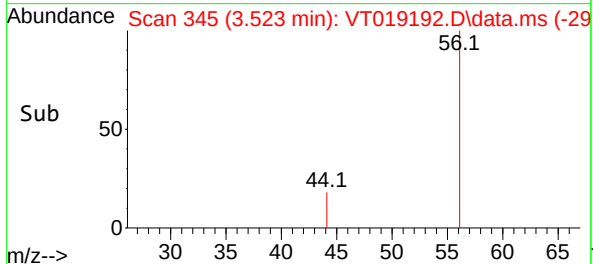
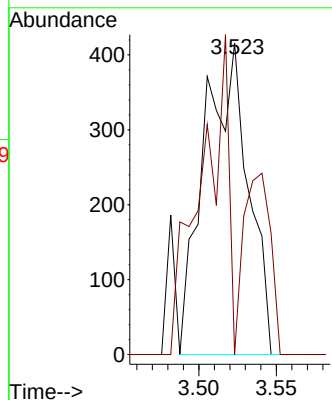
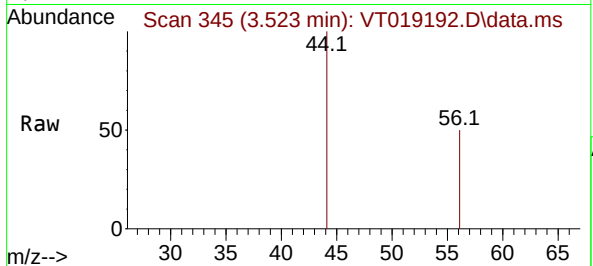
VSTDIC001

Tgt Ion: 56 Resp: 824

Ion Ratio Lower Upper

56 100

55 63.0 59.4 89.0



#14

Allyl chloride

Concen: 1.113 ug/l

RT: 4.187 min Scan# 458

Delta R.T. -0.000 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

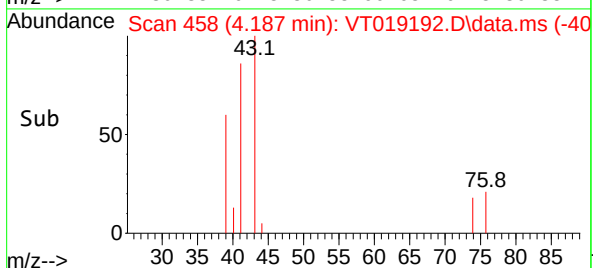
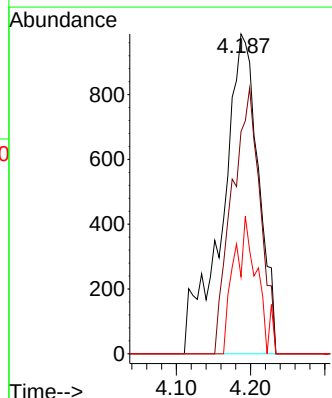
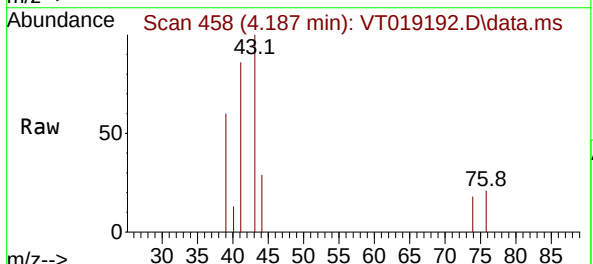
Tgt Ion: 41 Resp: 3343

Ion Ratio Lower Upper

41 100

39 64.7 49.9 74.9

76 27.4 20.8 31.2

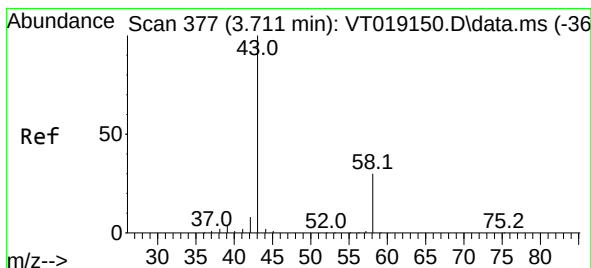
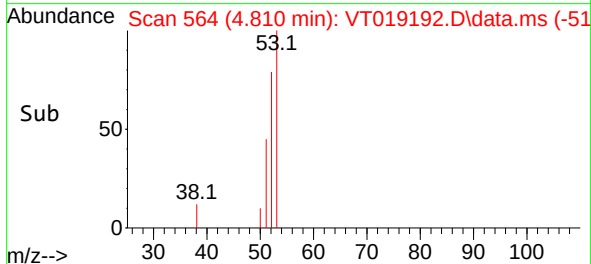
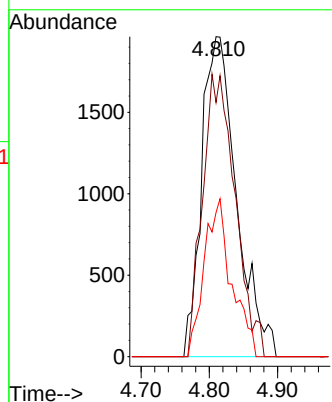
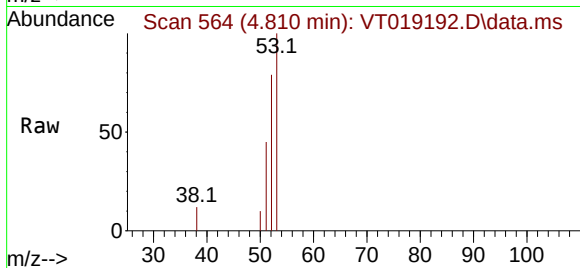




#15
Acrylonitrile
Concen: 5.305 ug/l
RT: 4.810 min Scan# 51
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

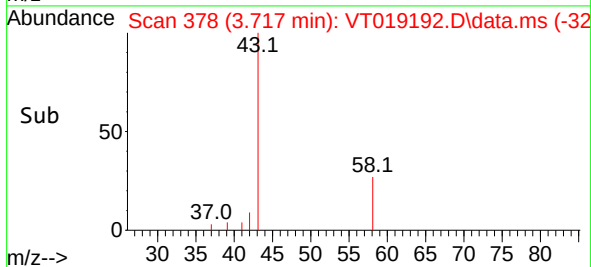
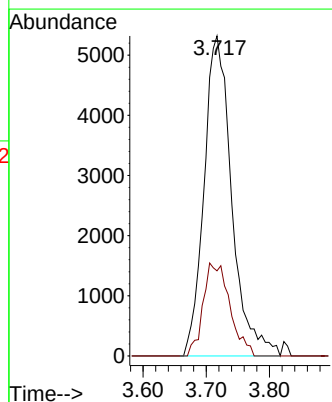
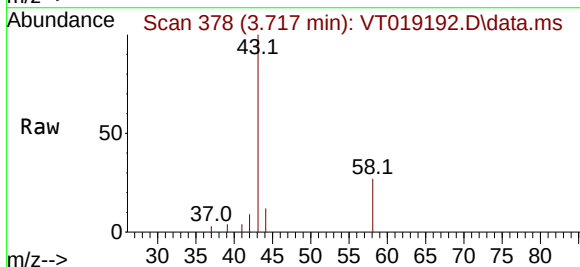
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

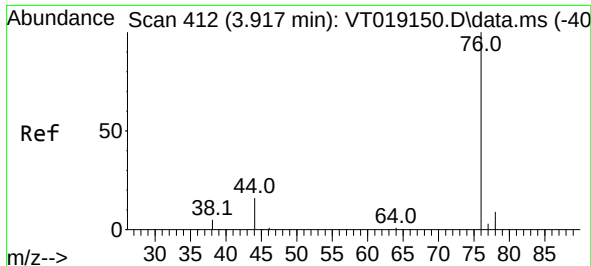
Tgt Ion: 53	Resp: 6993
Ion Ratio	Lower Upper
53 100	
52 82.5	65.9 98.9
51 38.7	29.4 44.2



#16
Acetone
Concen: 1.059 ug/l
RT: 3.717 min Scan# 378
Delta R.T. -0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 43	Resp: 16199
Ion Ratio	Lower Upper
43 100	
58 26.6	23.8 35.8





#17

Carbon Disulfide

Concen: 1.178 ug/l

RT: 3.940 min Scan# 41

Delta R.T. 0.006 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Instrument :

MSVOA_T

ClientSampleId :

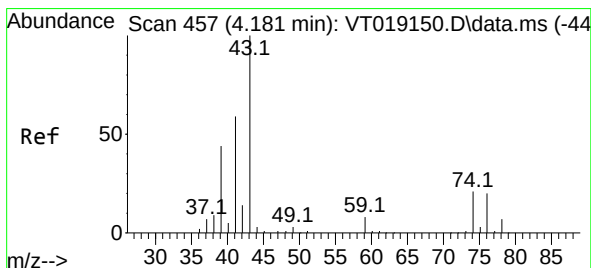
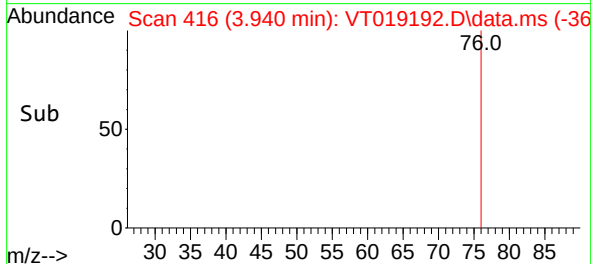
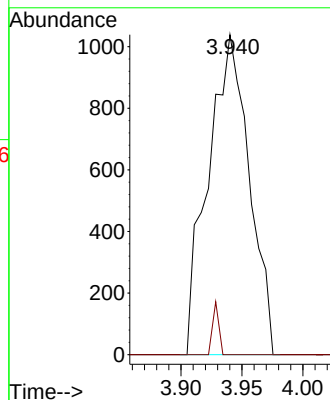
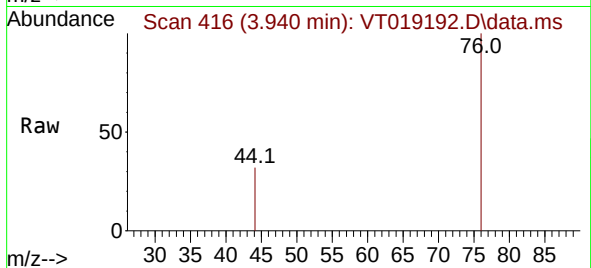
VSTDIC001

Tgt Ion: 76 Resp: 2440

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#



#18

Methyl Acetate

Concen: 0.722 ug/l

RT: 4.187 min Scan# 458

Delta R.T. -0.006 min

Lab File: VT019192.D

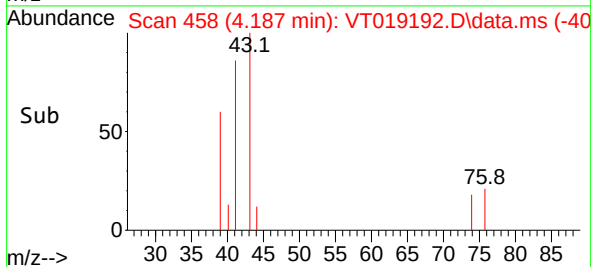
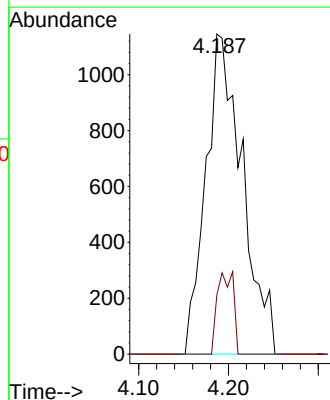
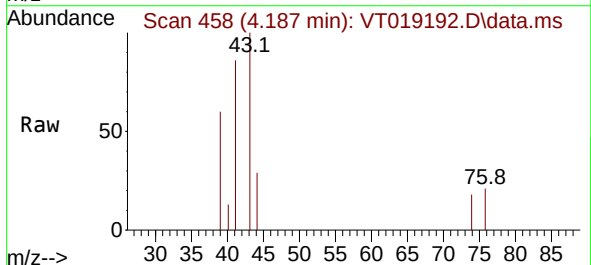
Acq: 29 Oct 2025 8:59

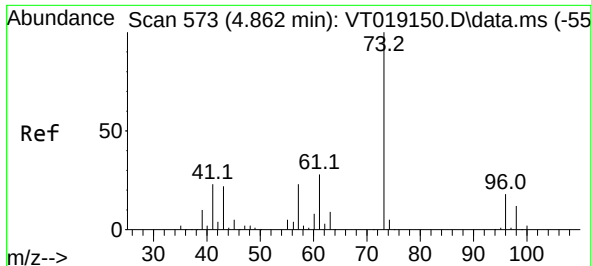
Tgt Ion: 43 Resp: 3230

Ion Ratio Lower Upper

43 100

74 11.3 16.7 25.1#

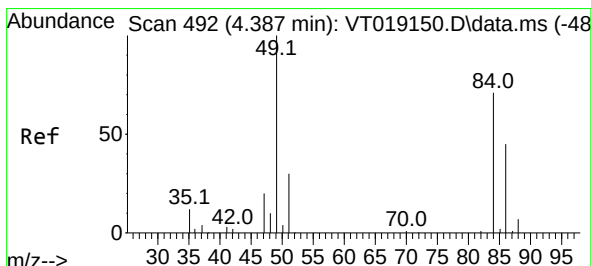
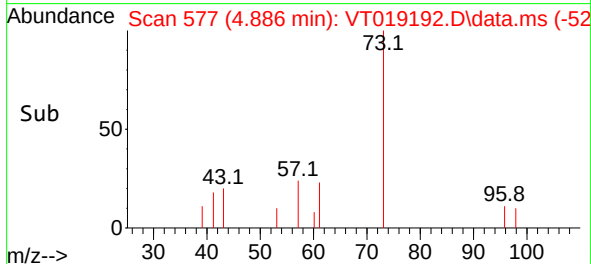
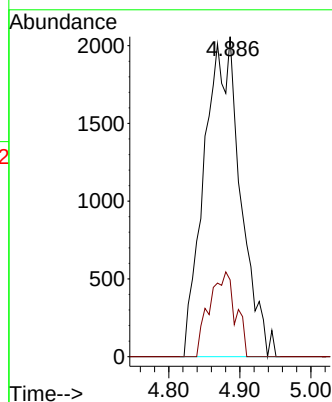
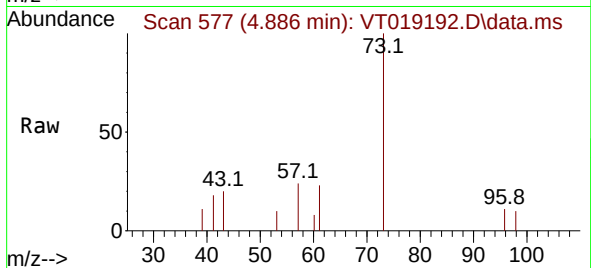




#19
Methyl tert-butyl Ether
Concen: 1.059 ug/l
RT: 4.886 min Scan# 51
Delta R.T. 0.018 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

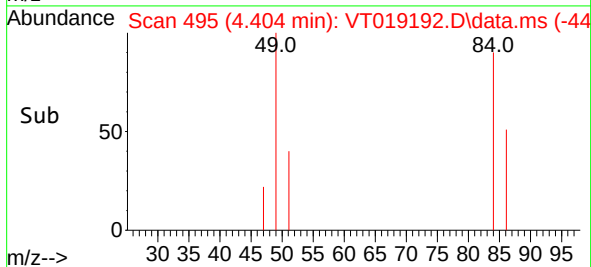
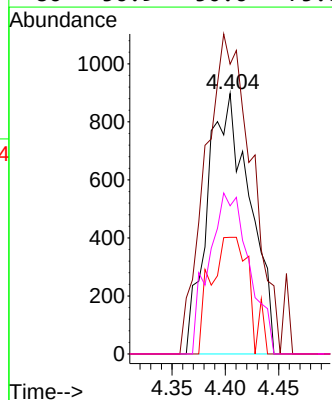
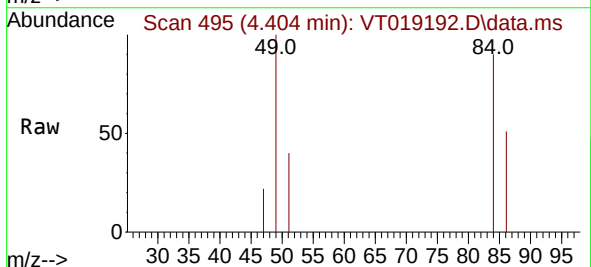
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

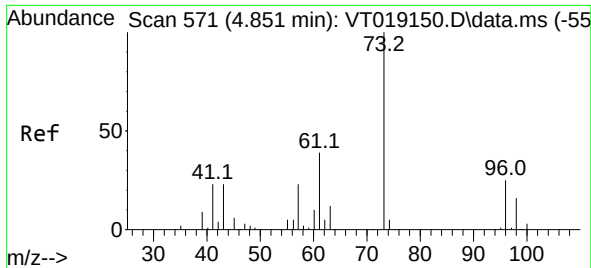
Tgt Ion: 73 Resp: 7290
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2



#20
Methylene Chloride
Concen: 1.462 ug/l
RT: 4.404 min Scan# 495
Delta R.T. 0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 84 Resp: 2486
Ion Ratio Lower Upper
84 100
49 111.2 113.1 169.7#
51 44.8 33.6 50.4
86 56.9 50.6 75.8

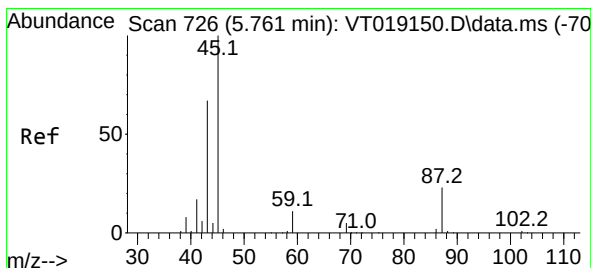
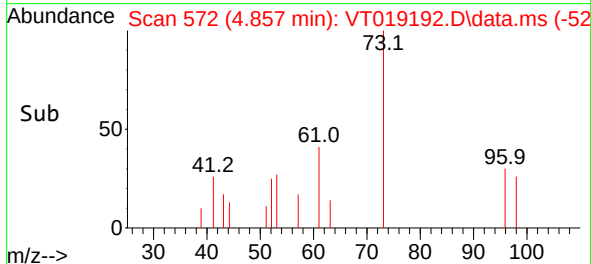
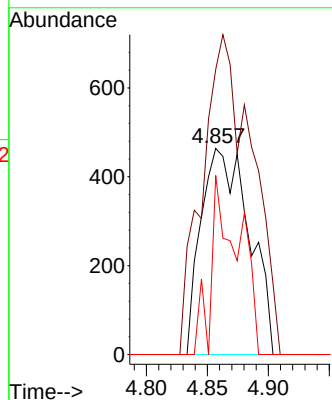
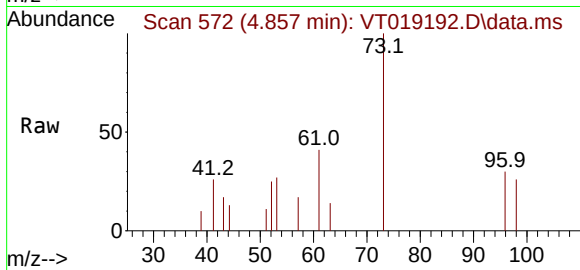




#21
trans-1,2-Dichloroethene
Concen: 0.984 ug/l
RT: 4.857 min Scan# 51
Delta R.T. -0.005 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

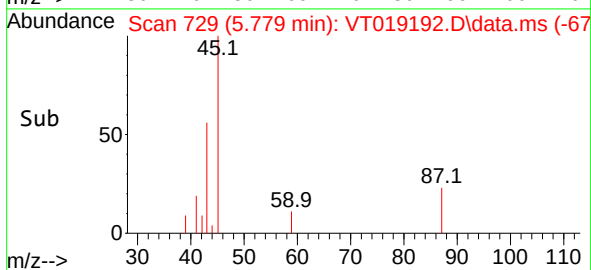
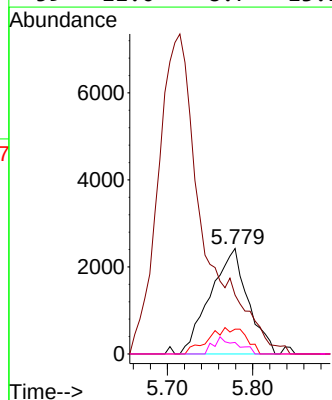
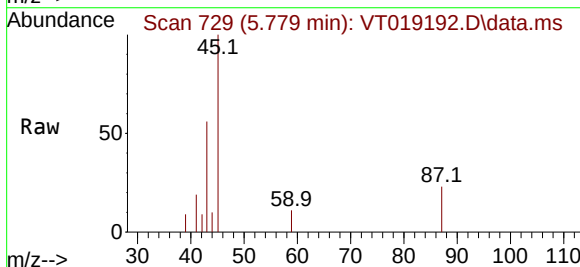
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

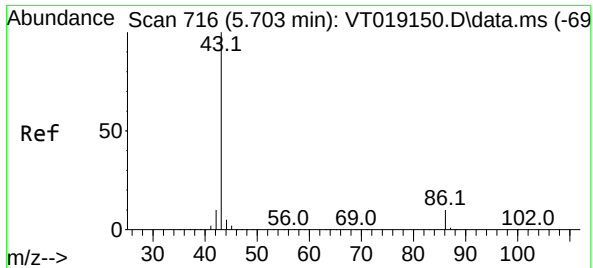
Tgt Ion: 96 Resp: 1276
Ion Ratio Lower Upper
96 100
61 138.4 124.6 187.0
98 86.9 50.9 76.3#



#22
Diisopropyl ether
Concen: 1.039 ug/l
RT: 5.779 min Scan# 729
Delta R.T. 0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 45 Resp: 7408
Ion Ratio Lower Upper
45 100
43 48.5 54.2 81.4#
87 23.5 18.9 28.3
59 11.0 8.7 13.1

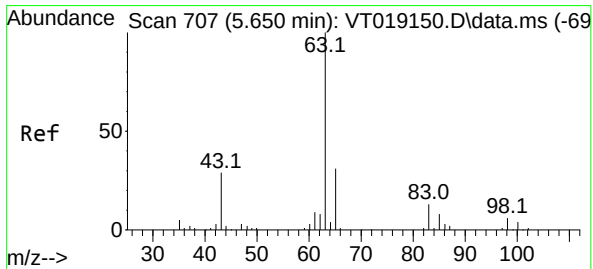
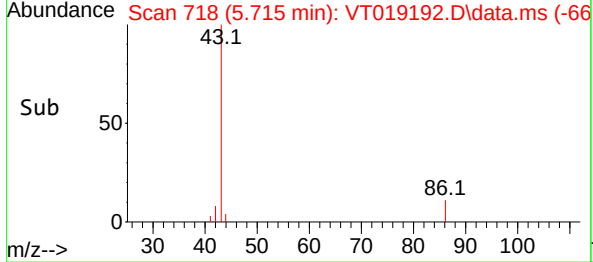
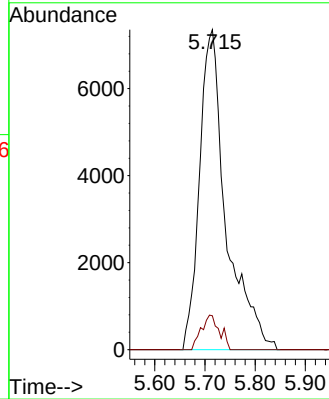
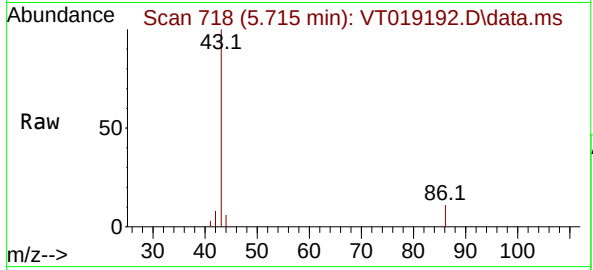




#23
 Vinyl Acetate
 Concen: 5.316 ug/l
 RT: 5.715 min Scan# 716
 Delta R.T. 0.006 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

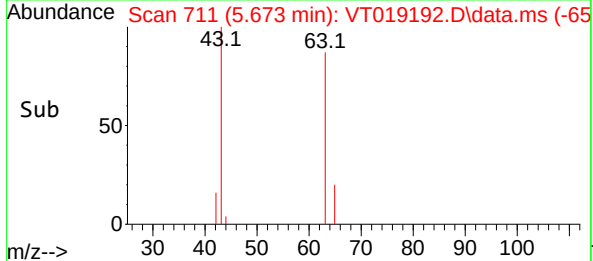
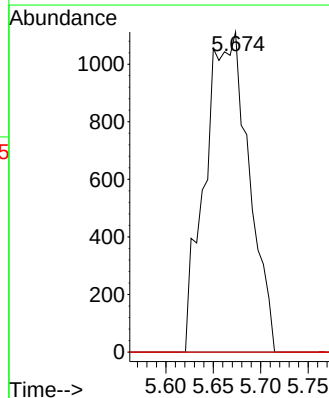
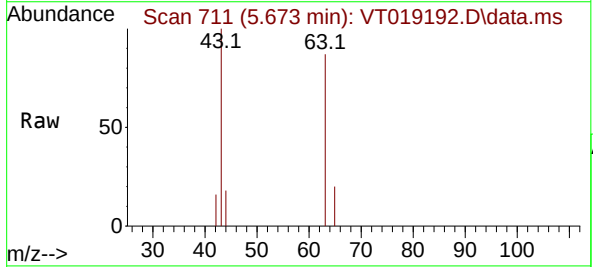
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

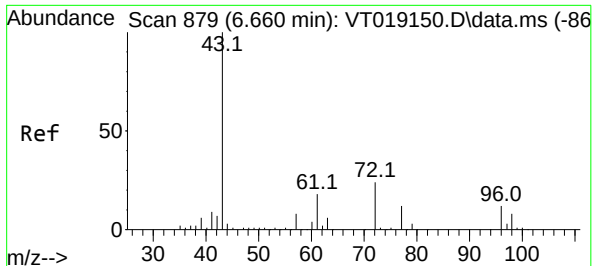
Tgt Ion: 43 Resp: 27087
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 1.064 ug/l
 RT: 5.673 min Scan# 711
 Delta R.T. 0.011 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

Tgt Ion: 63 Resp: 3551
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.1 9.4#
 100 0.0 2.0 6.0#





#25

2-Butanone

Concen: 6.885 ug/l

RT: 6.666 min Scan# 81

Delta R.T. 0.000 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Instrument :

MSVOA_T

ClientSampleId :

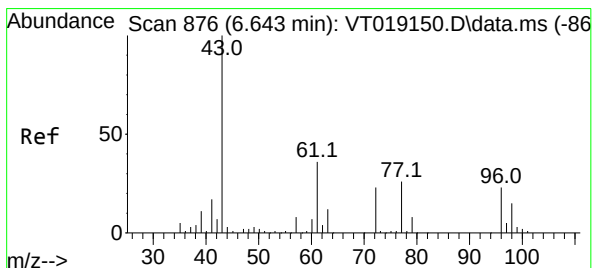
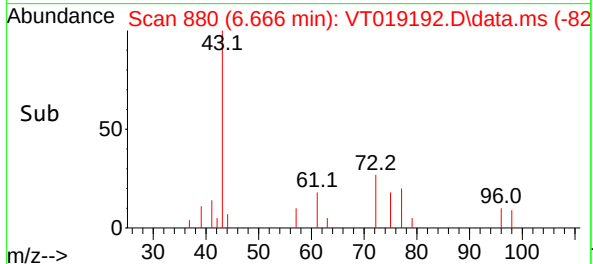
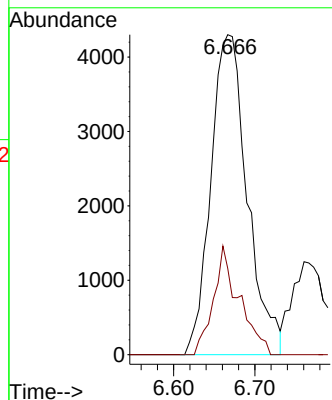
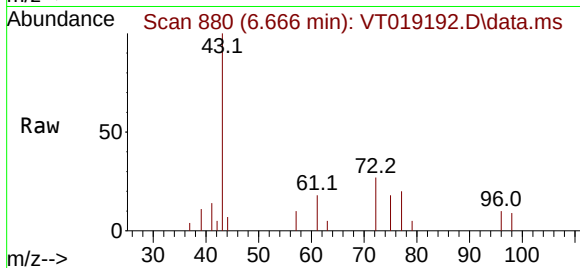
VSTDIC001

Tgt Ion: 43 Resp: 13392

Ion Ratio Lower Upper

43 100

72 27.0 19.0 28.6



#26

2,2-Dichloropropane

Concen: 1.104 ug/l

RT: 6.655 min Scan# 878

Delta R.T. -0.000 min

Lab File: VT019192.D

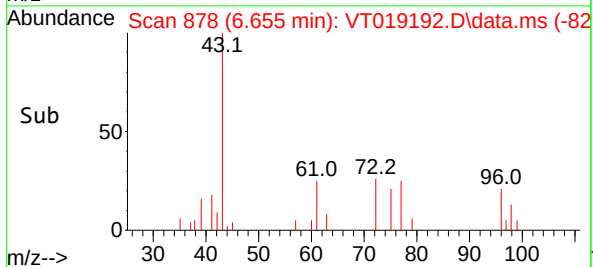
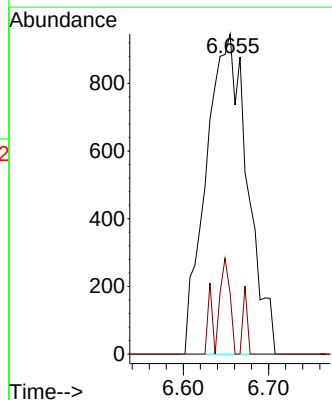
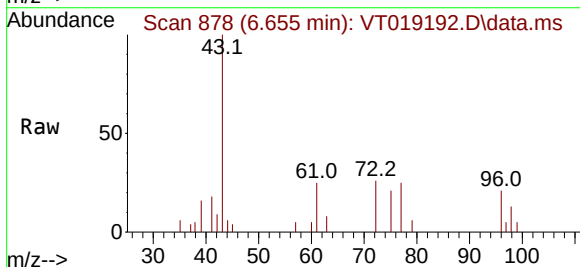
Acq: 29 Oct 2025 8:59

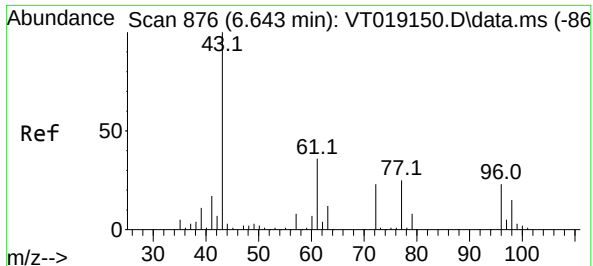
Tgt Ion: 77 Resp: 3178

Ion Ratio Lower Upper

77 100

97 9.5 10.7 32.1#

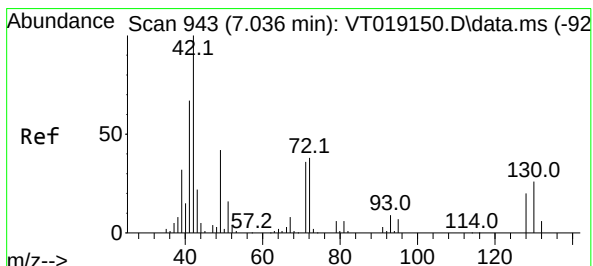
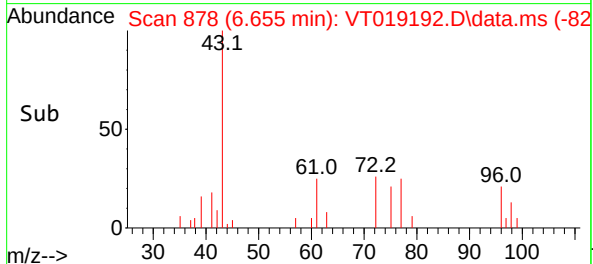
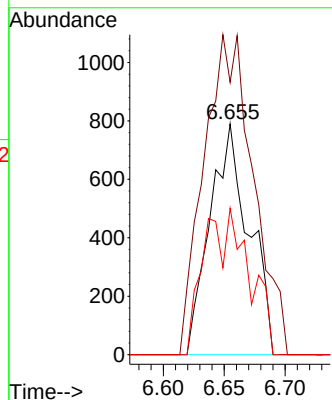
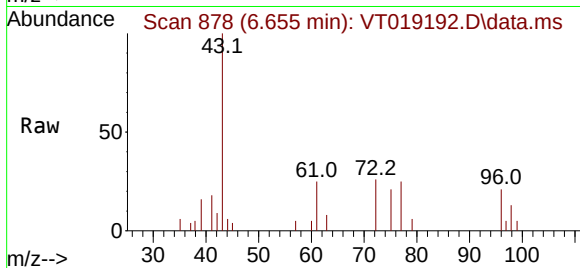




#27
 cis-1,2-Dichloroethene
 Concen: 0.965 ug/l
 RT: 6.655 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

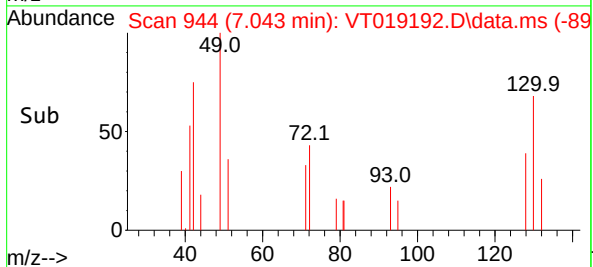
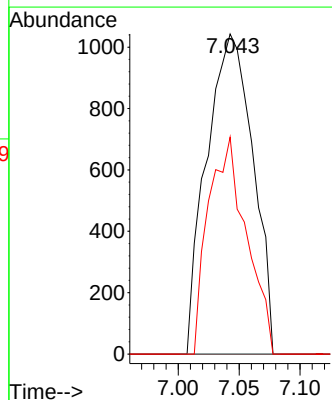
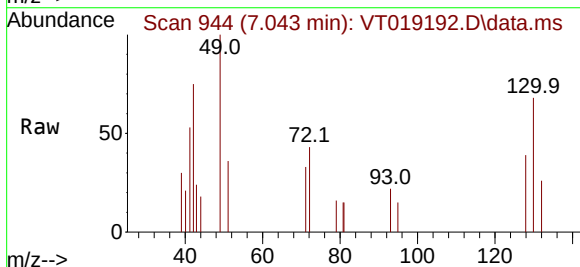
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

Tgt Ion:	96	Resp:	1757
Ion	Ratio	Lower	Upper
96	100		
61	175.8	0.0	309.0
98	34.6	0.0	128.4



#28
 Bromochloromethane
 Concen: 1.548 ug/l
 RT: 7.043 min Scan# 944
 Delta R.T. 0.001 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

Tgt Ion:	49	Resp:	2760
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	55.7	48.6	73.0





#29

Tetrahydrofuran

Concen: 5.604 ug/l

RT: 7.072 min Scan# 946

Delta R.T. 0.006 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC001

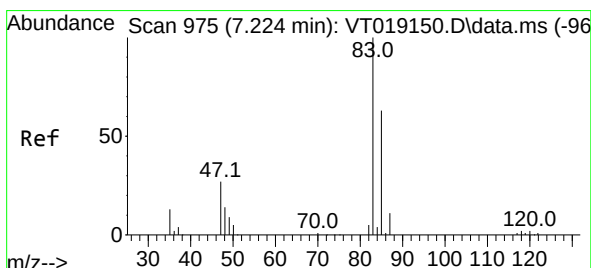
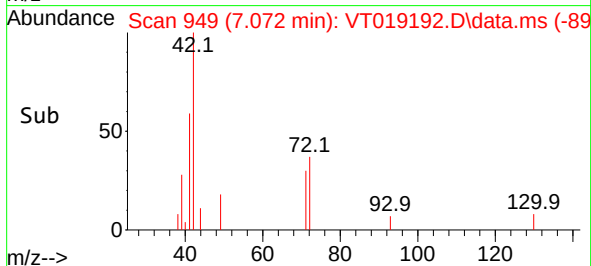
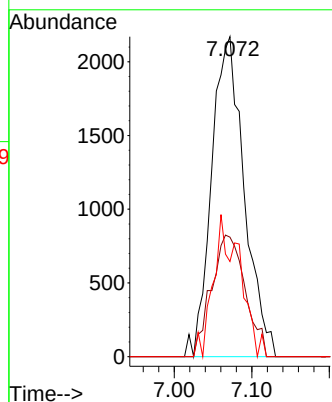
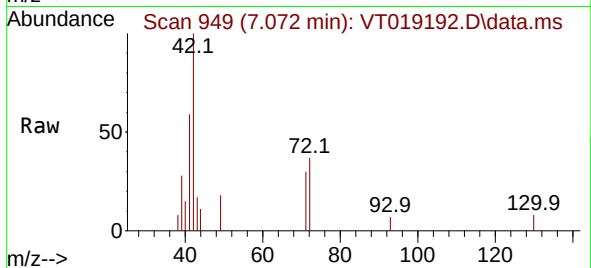
Tgt Ion: 42 Resp: 6342

Ion Ratio Lower Upper

42 100

72 39.2 30.1 45.1

71 21.4 28.4 42.6#



#30

Chloroform

Concen: 1.039 ug/l

RT: 7.231 min Scan# 976

Delta R.T. 0.001 min

Lab File: VT019192.D

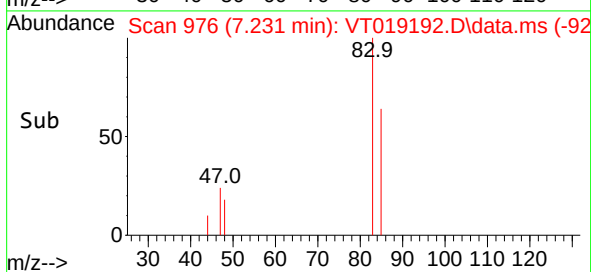
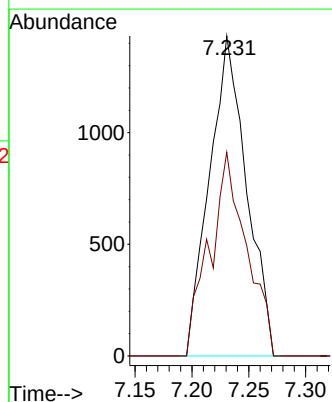
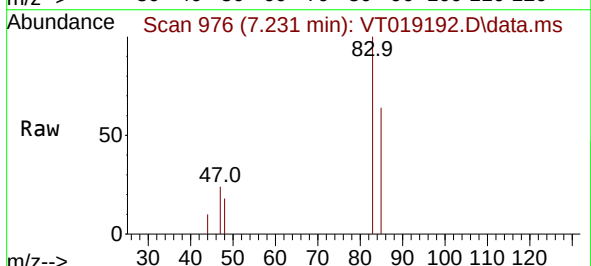
Acq: 29 Oct 2025 8:59

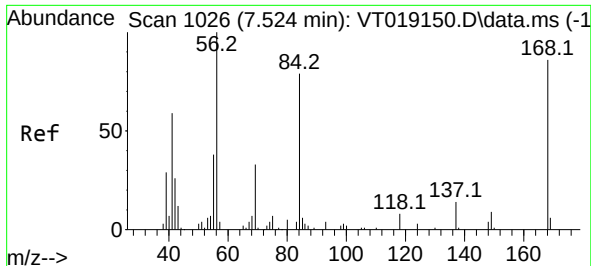
Tgt Ion: 83 Resp: 3246

Ion Ratio Lower Upper

83 100

85 63.6 50.6 76.0

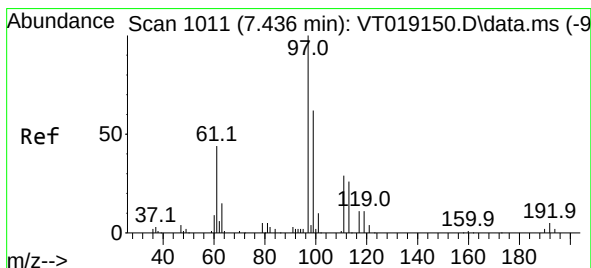
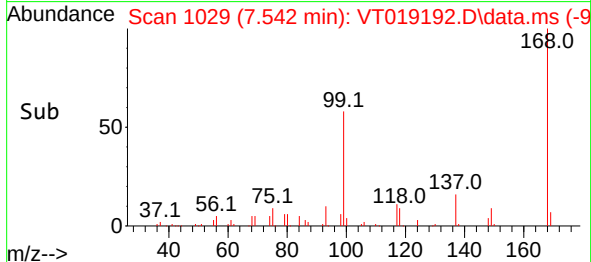
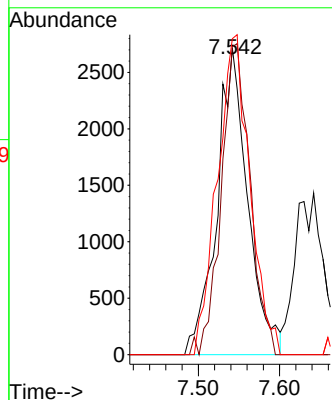
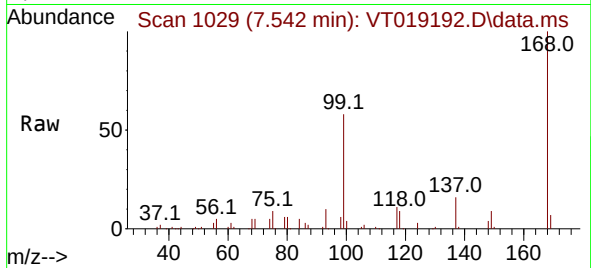




#31
Cyclohexane
Concen: 2.894 ug/l
RT: 7.542 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

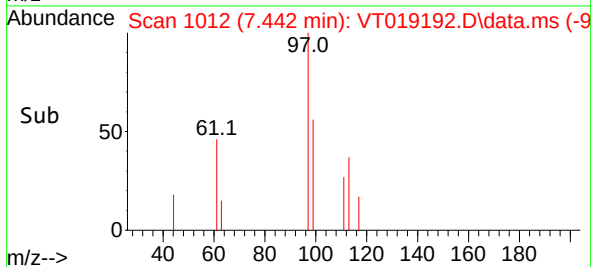
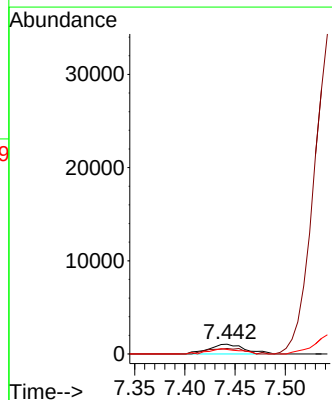
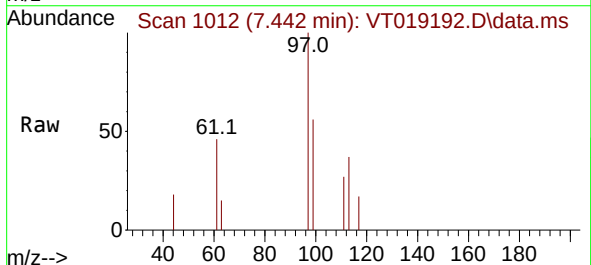
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

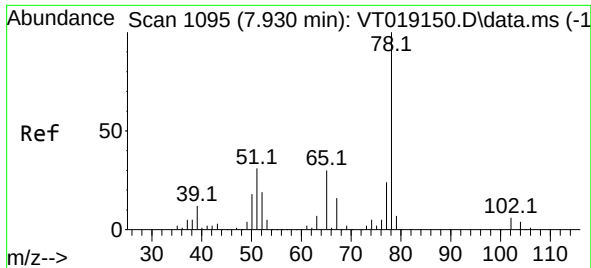
Tgt Ion: 56 Resp: 7180
Ion Ratio Lower Upper
56 100
69 100.4 26.1 39.1#
84 103.0 63.6 95.4#



#32
1,1,1-Trichloroethane
Concen: 1.064 ug/l
RT: 7.442 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 97 Resp: 2647
Ion Ratio Lower Upper
97 100
99 0.0 50.5 75.7#
61 45.6 37.1 55.7

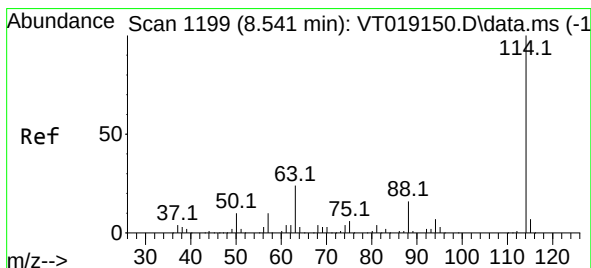
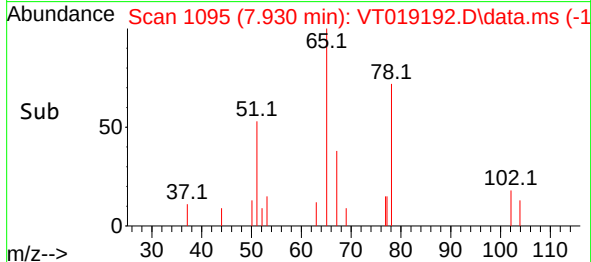
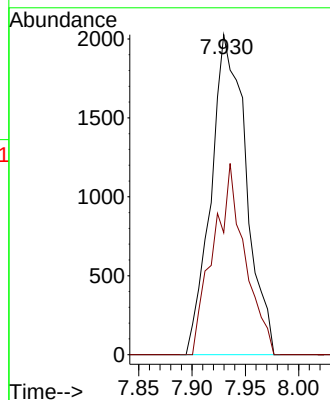
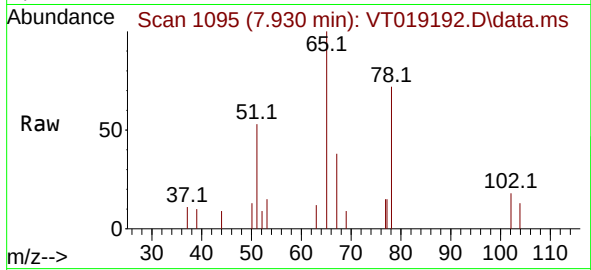




#33
 1,2-Dichloroethane-d4
 Concen: 1.825 ug/l
 RT: 7.930 min Scan# 1100
 Delta R.T. -0.005 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

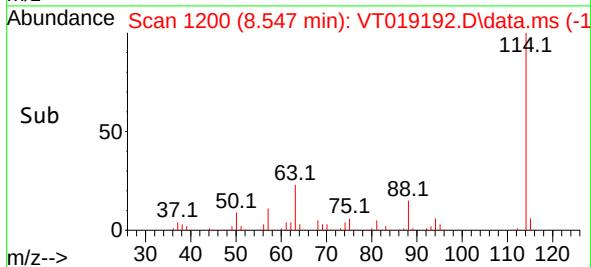
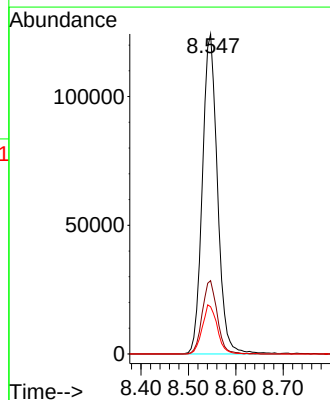
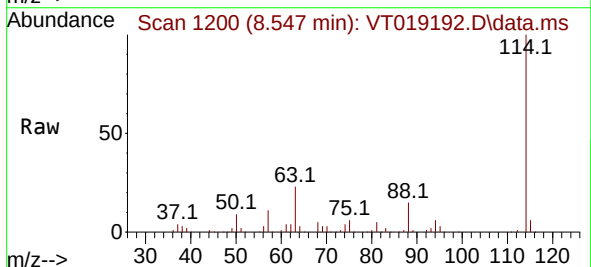
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

Tgt Ion: 65 Resp: 4641
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.547 min Scan# 1200
 Delta R.T. -0.000 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

Tgt Ion: 114 Resp: 273884
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 47.2
 88 14.7 0.0 32.6

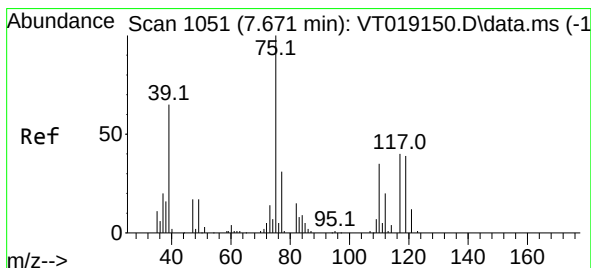
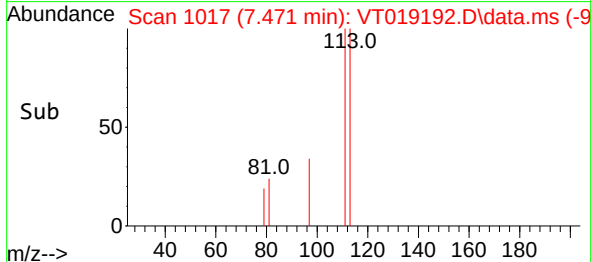
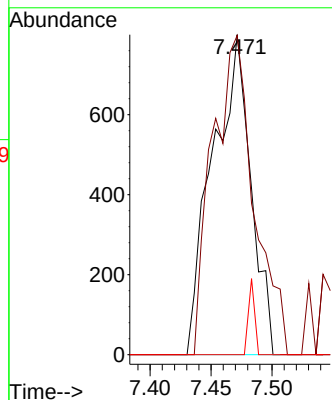
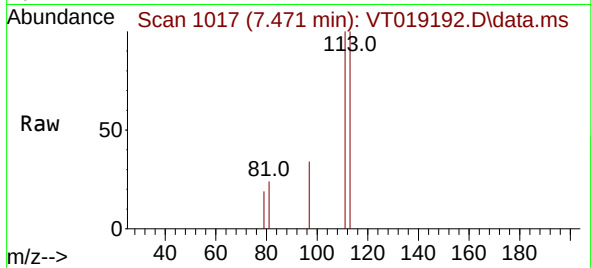




#35
 Dibromofluoromethane
 Concen: 1.005 ug/l
 RT: 7.471 min Scan# 1017
 Delta R.T. 0.006 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

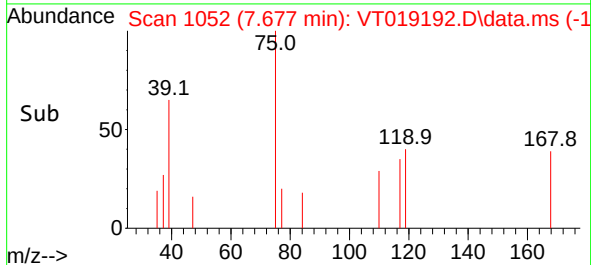
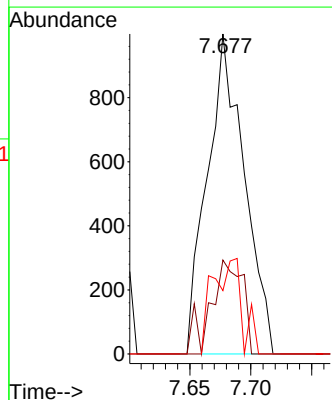
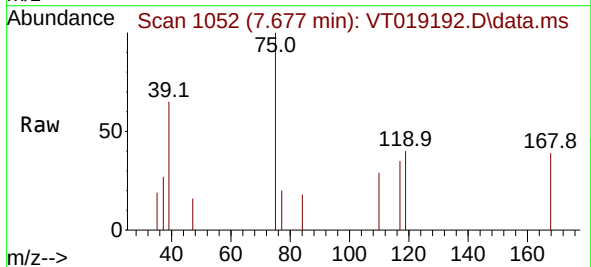
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

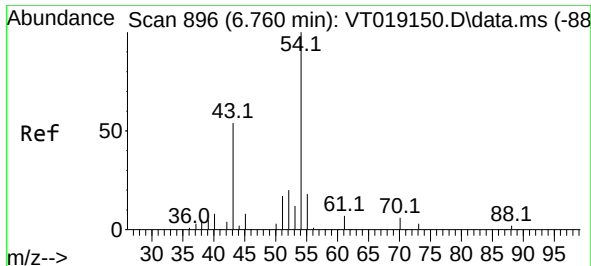
Tgt Ion: 113 Resp: 1741
 Ion Ratio Lower Upper
 113 100
 111 108.7 81.6 122.4
 192 3.8 15.3 22.9#



#36
 1,1-Dichloropropene
 Concen: 1.083 ug/l
 RT: 7.677 min Scan# 1052
 Delta R.T. -0.006 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

Tgt Ion: 75 Resp: 2110
 Ion Ratio Lower Upper
 75 100
 110 25.3 16.1 48.2
 77 23.7 25.1 37.7#

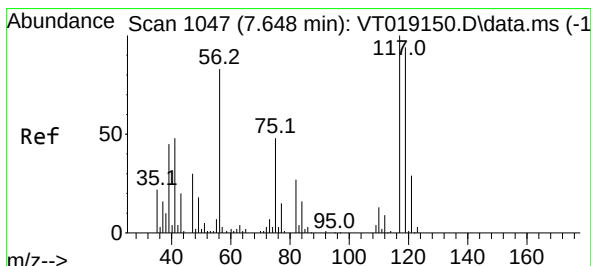
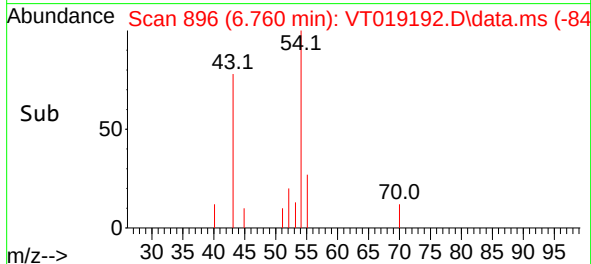
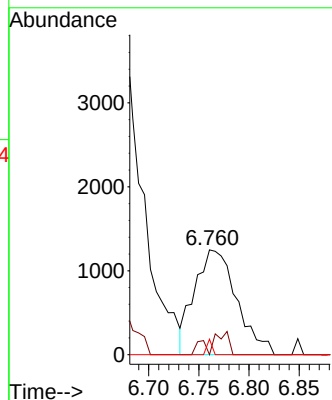
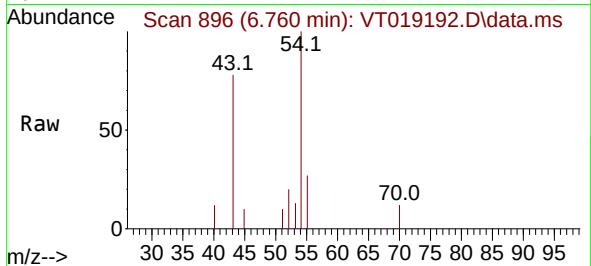




#37
Ethyl Acetate
Concen: 1.103 ug/l
RT: 6.760 min Scan# 896
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

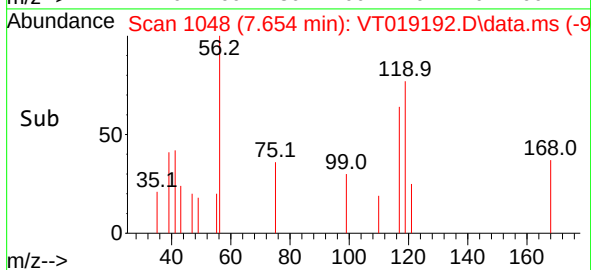
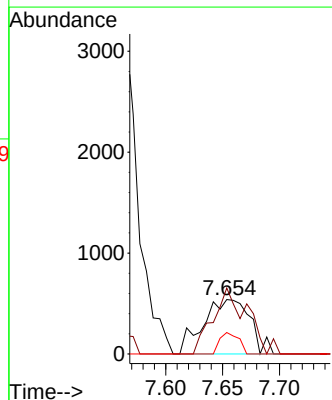
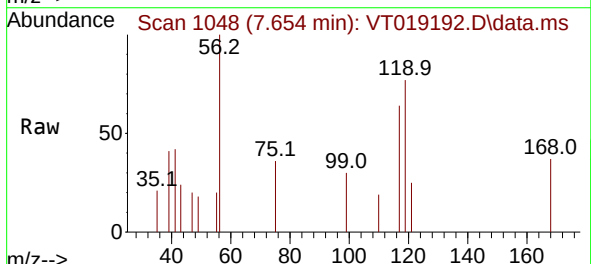
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

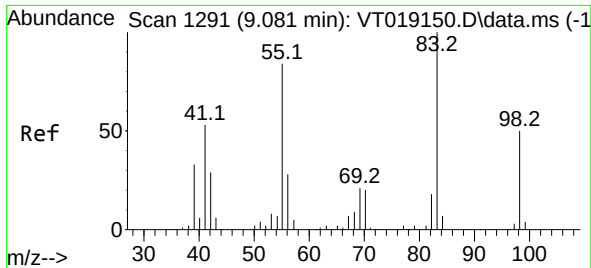
Tgt Ion:	43	Resp:	3658
Ion Ratio	Lower	Upper	
43	100		
61	3.1	10.0	15.0#
70	1.8	7.3	10.9#



#38
Carbon Tetrachloride
Concen: 0.881 ug/l
RT: 7.654 min Scan# 1048
Delta R.T. -0.005 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion:	117	Resp:	1560
Ion Ratio	Lower	Upper	
117	100		
119	121.2	75.0	112.6#
121	39.3	23.3	34.9#

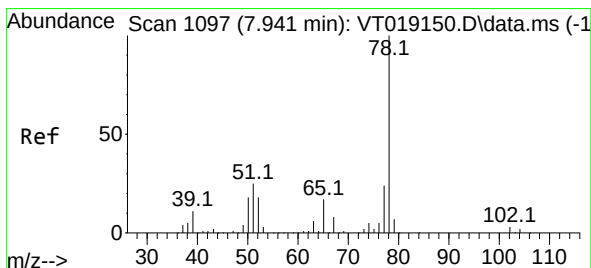
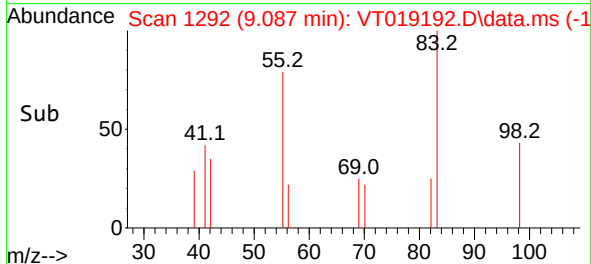
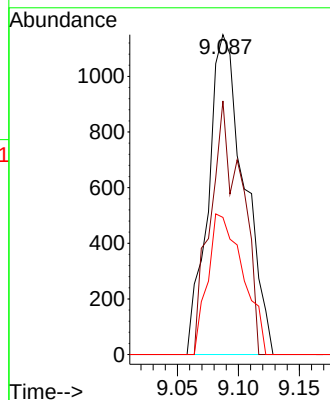
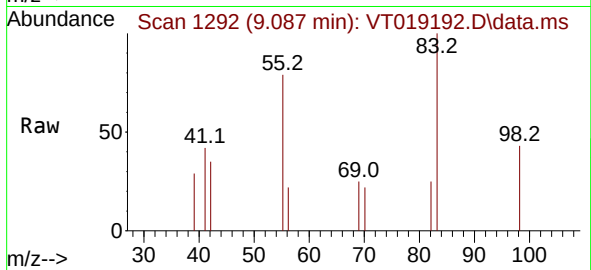




#39
Methylcyclohexane
Concen: 1.097 ug/l
RT: 9.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

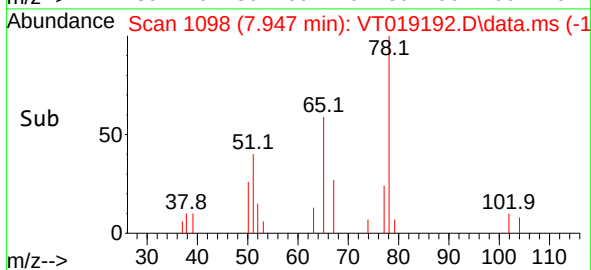
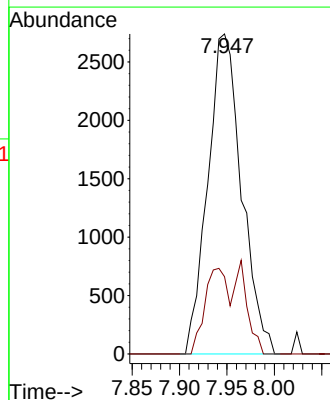
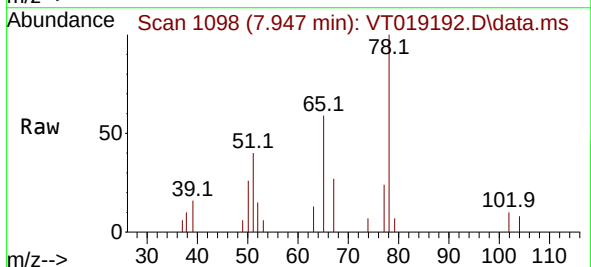
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC001

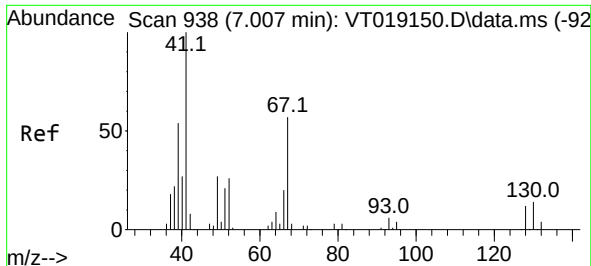
Tgt Ion: 83	Resp: 2362
Ion Ratio	Lower Upper
83	100
55	79.3 67.5 101.3
98	42.9 39.9 59.9



#40
Benzene
Concen: 1.031 ug/l
RT: 7.947 min Scan# 1098
Delta R.T. 0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 78	Resp: 6797
Ion Ratio	Lower Upper
78	100
77	24.1 19.1 28.7

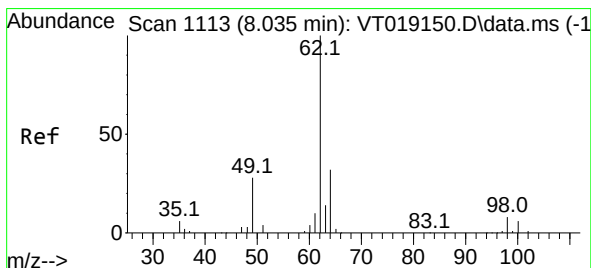
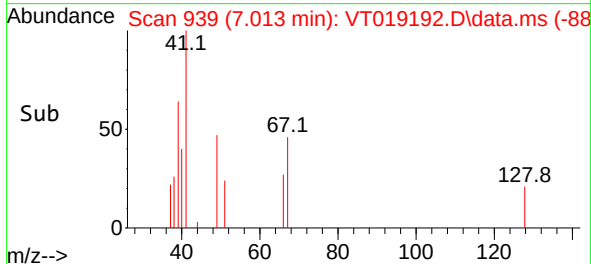
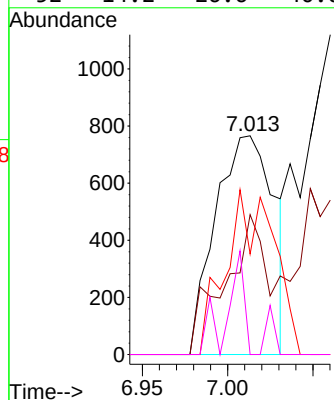
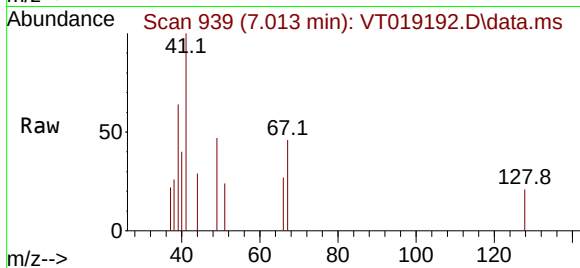




#41
Methacrylonitrile
Concen: 1.095 ug/l
RT: 7.013 min Scan# 911
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

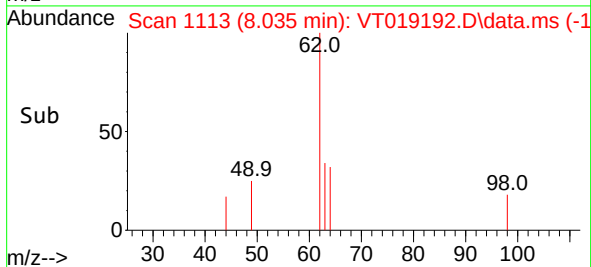
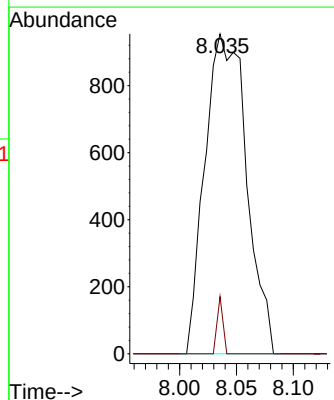
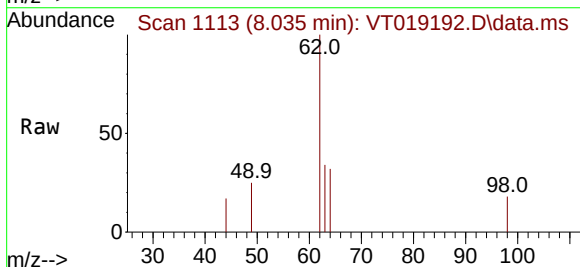
Instrument :
MSVOA_T
ClientSampleId :
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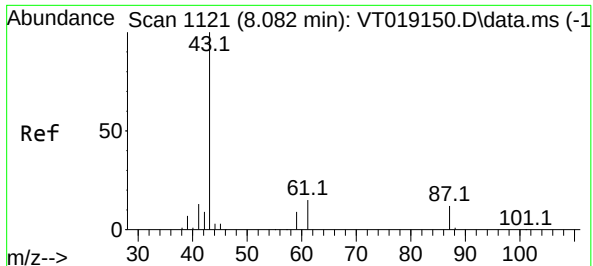
Tgt Ion:	41	Resp:	1828
Ion	Ratio	Lower	Upper
41	100		
39	54.6	49.8	74.6
67	33.4	60.0	90.0#
52	14.2	26.6	40.0#



#42
1,2-Dichloroethane
Concen: 1.045 ug/l
RT: 8.035 min Scan# 1113
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion:	62	Resp:	2423
Ion	Ratio	Lower	Upper
62	100		
98	2.5	0.0	16.6

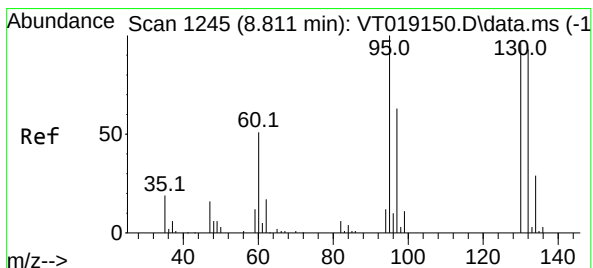
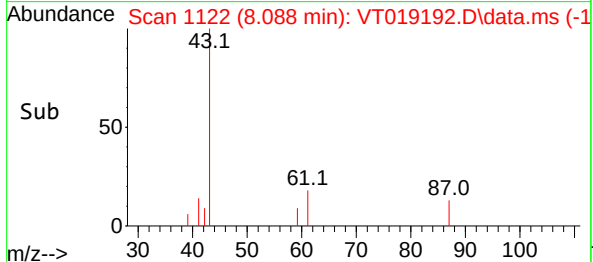
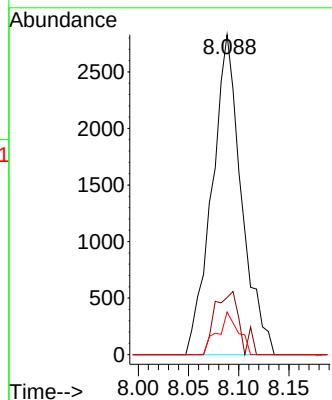
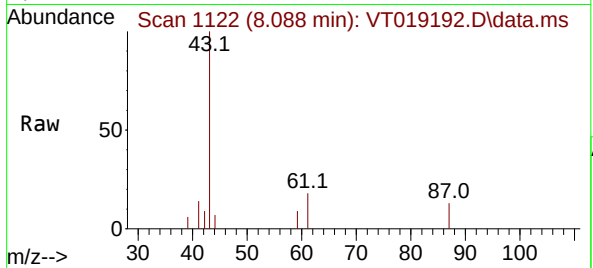




#43
Isopropyl Acetate
Concen: 1.093 ug/l
RT: 8.088 min Scan# 1121
Delta R.T. 0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

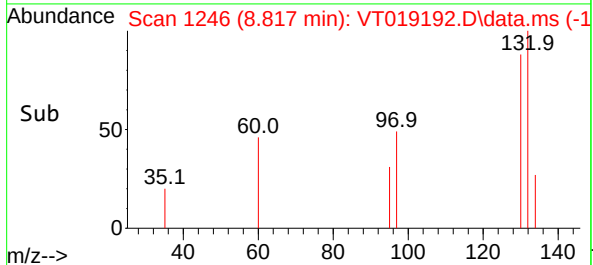
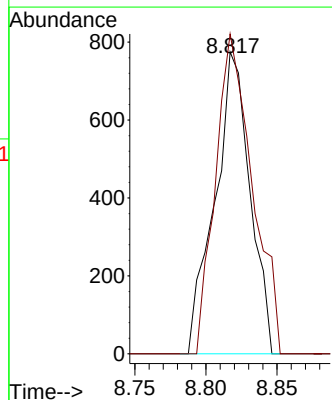
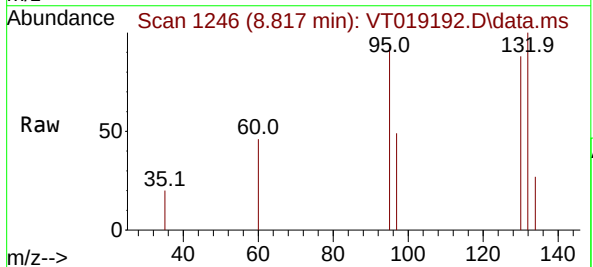
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

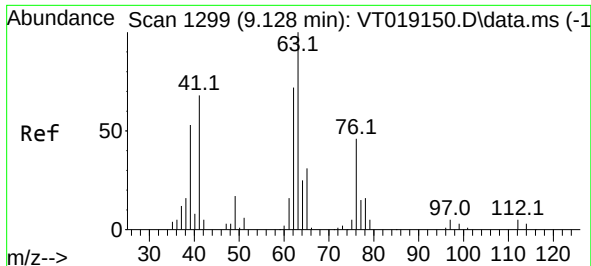
Tgt Ion: 43	Resp: 5767
Ion Ratio	Lower Upper
43	100
61	16.6 14.8 22.2
87	9.5 9.1 13.7



#44
Trichloroethene
Concen: 1.037 ug/l
RT: 8.817 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 130	Resp: 1337
Ion Ratio	Lower Upper
130	100
95	105.9 0.0 207.8

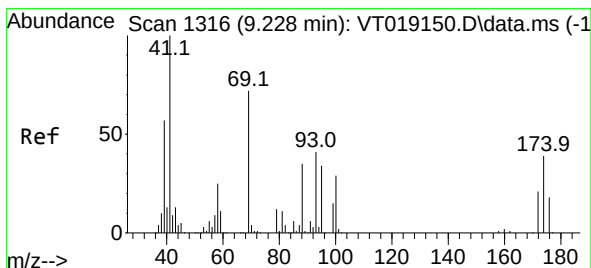
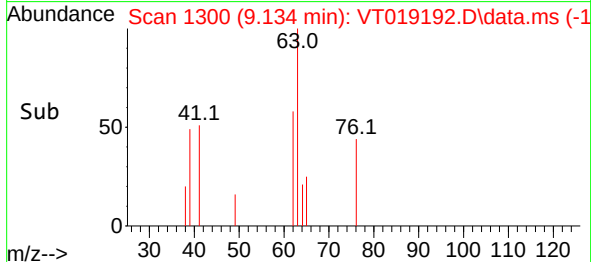
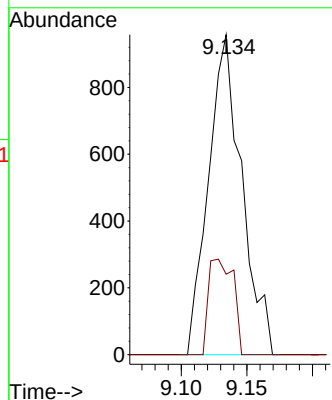
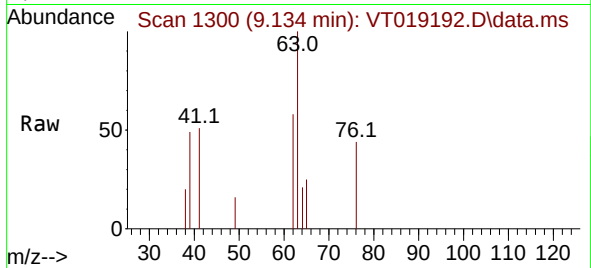




#45
1,2-Dichloropropane
Concen: 1.007 ug/l
RT: 9.134 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

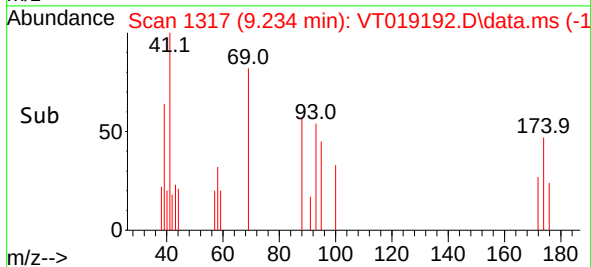
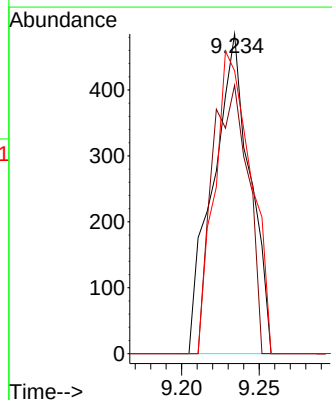
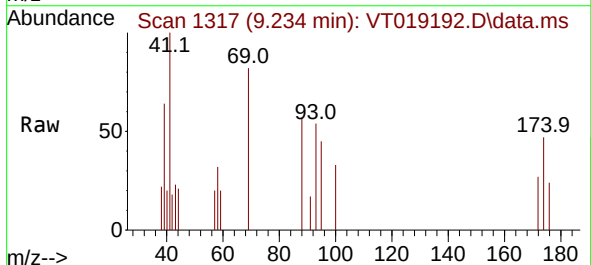
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

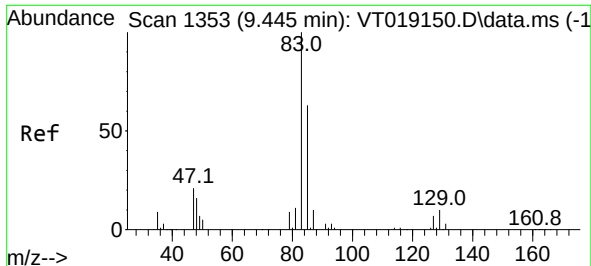
Tgt Ion: 63 Resp: 1690
Ion Ratio Lower Upper
63 100
65 25.2 24.6 36.8



#46
Dibromomethane
Concen: 0.795 ug/l
RT: 9.234 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 93 Resp: 803
Ion Ratio Lower Upper
93 100
95 81.8 66.4 99.6
174 93.4 77.3 115.9

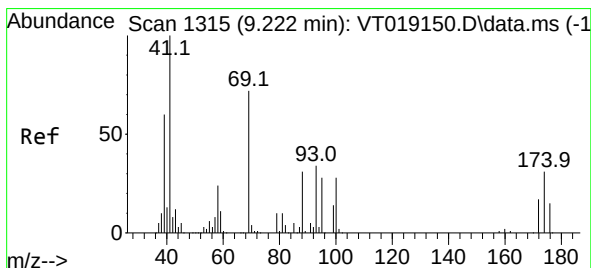
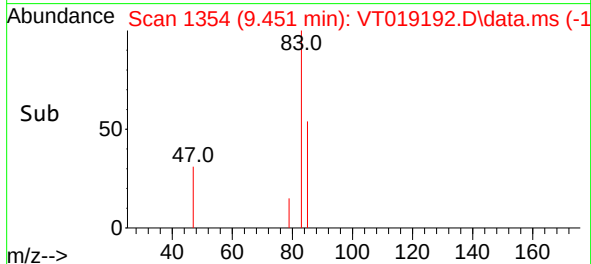
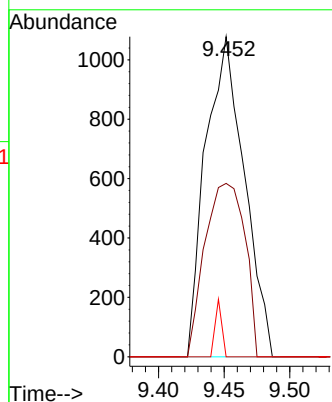
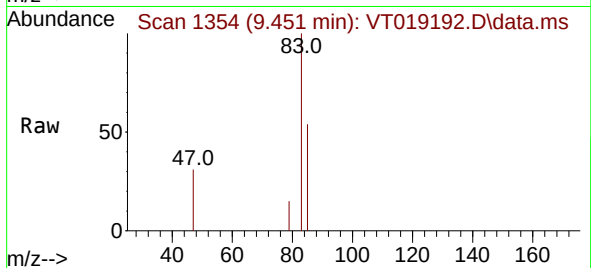




#47
Bromodichloromethane
Concen: 0.967 ug/l
RT: 9.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

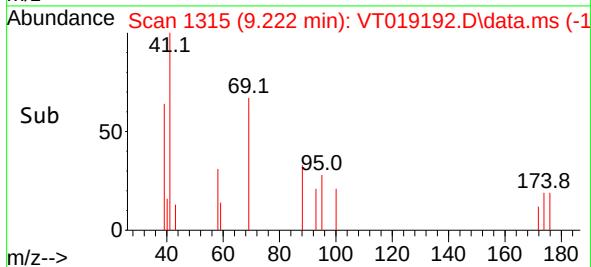
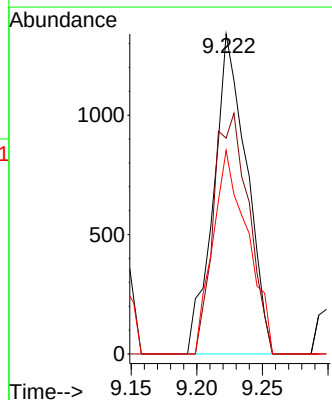
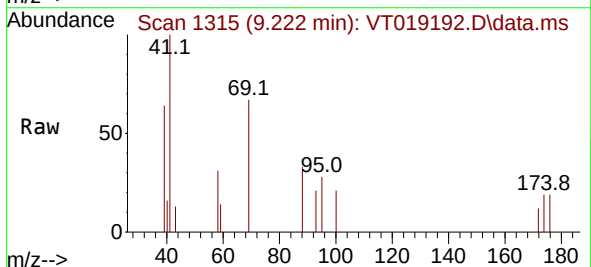
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

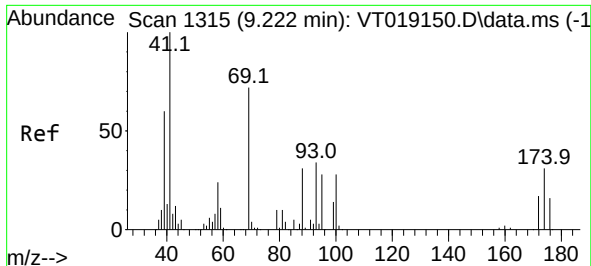
Tgt Ion: 83 Resp: 2203
Ion Ratio Lower Upper
83 100
85 54.2 50.4 75.6
127 0.0 6.0 9.0#



#48
Methyl methacrylate
Concen: 0.990 ug/l
RT: 9.222 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 41 Resp: 2346
Ion Ratio Lower Upper
41 100
69 80.1 56.9 85.3
39 66.8 48.0 72.0





#49

1,4-Dioxane

Concen: 21.642 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC001

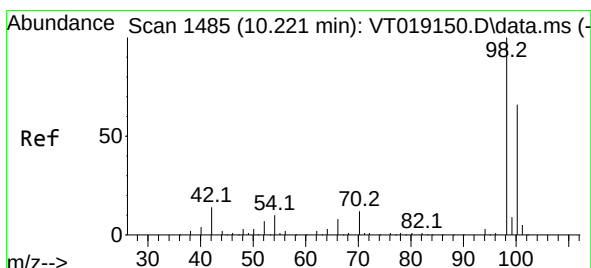
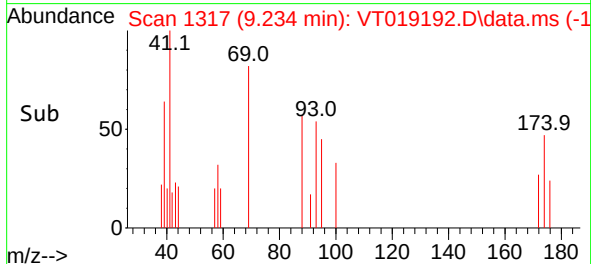
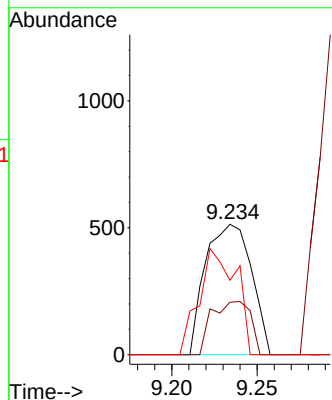
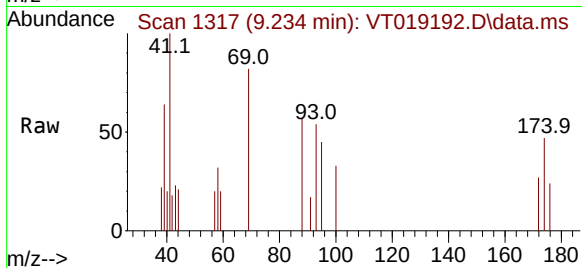
Tgt Ion: 88 Resp: 963

Ion Ratio Lower Upper

88 100

43 34.2 30.0 45.0

58 65.5 57.2 85.8



#50

Toluene-d8

Concen: 1.567 ug/l

RT: 10.221 min Scan# 1485

Delta R.T. -0.006 min

Lab File: VT019192.D

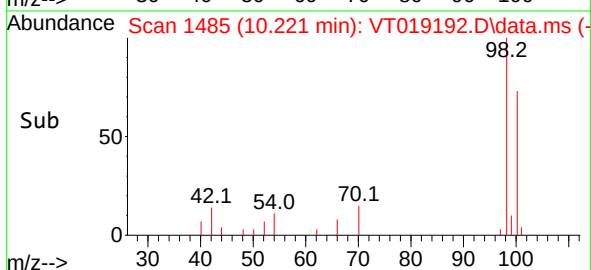
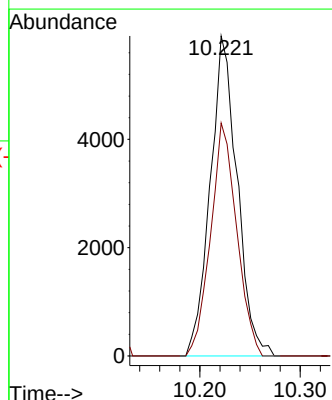
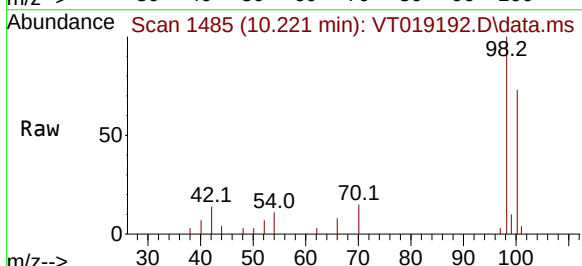
Acq: 29 Oct 2025 8:59

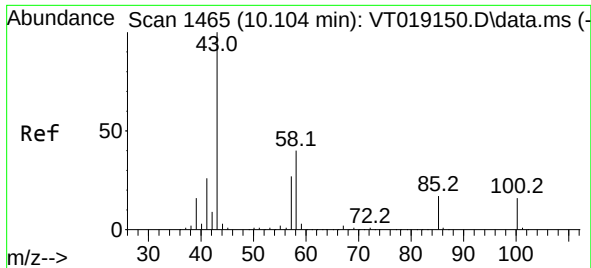
Tgt Ion: 98 Resp: 11025

Ion Ratio Lower Upper

98 100

100 70.5 53.5 80.3

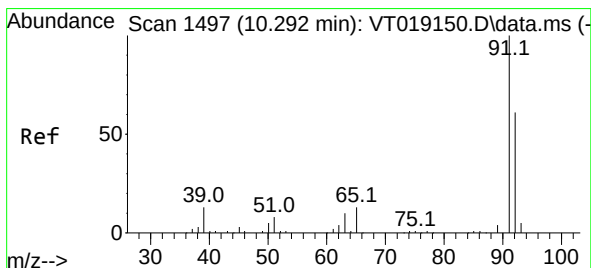
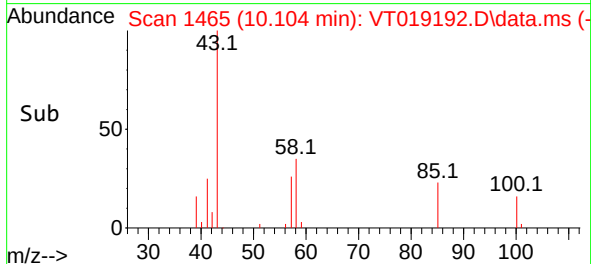
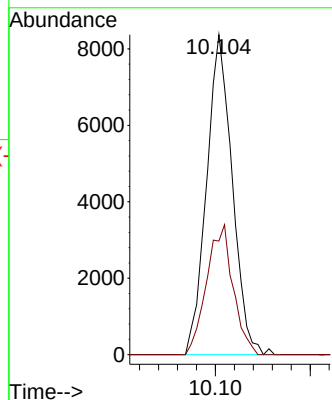
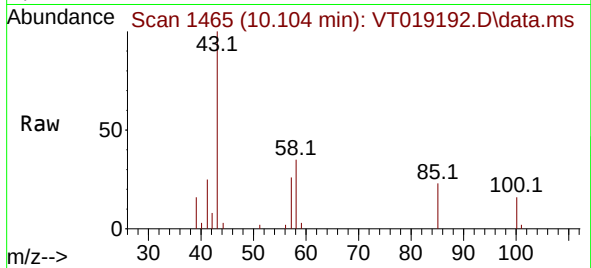




#51
4-Methyl-2-Pentanone
Concen: 4.951 ug/l
RT: 10.104 min Scan# 1465
Delta R.T. -0.005 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

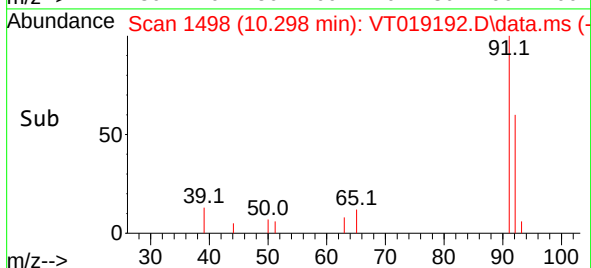
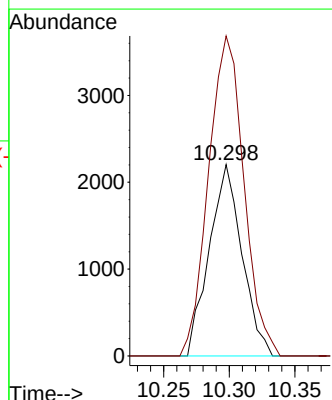
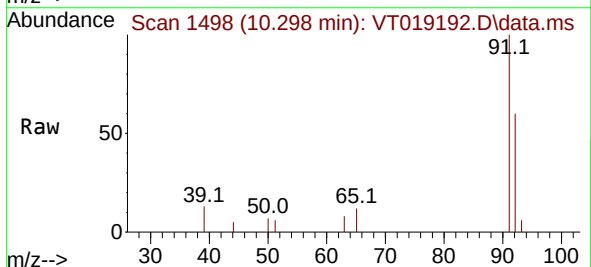
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

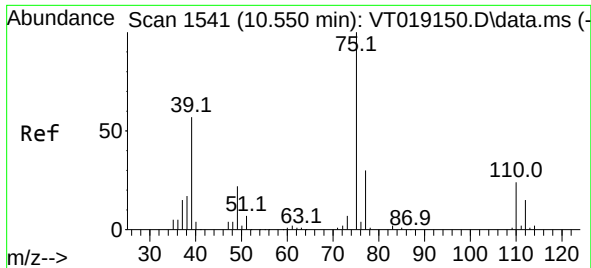
Tgt Ion: 43 Resp: 15726
Ion Ratio Lower Upper
43 100
58 41.7 30.5 45.7



#52
Toluene
Concen: 1.013 ug/l
RT: 10.298 min Scan# 1498
Delta R.T. 0.001 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 92 Resp: 3819
Ion Ratio Lower Upper
92 100
91 181.0 134.8 202.2

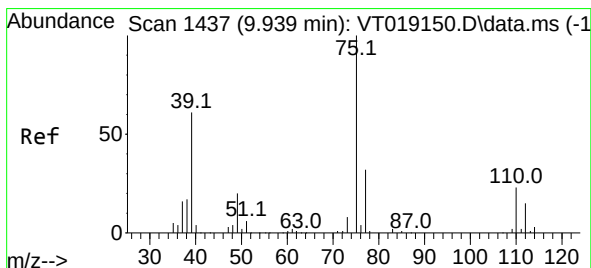
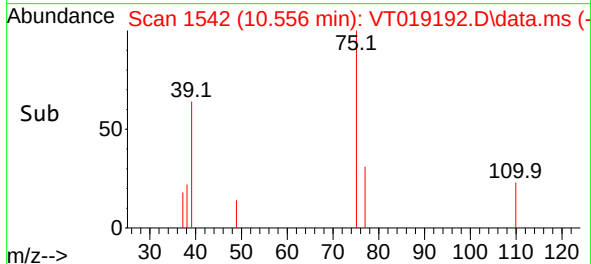
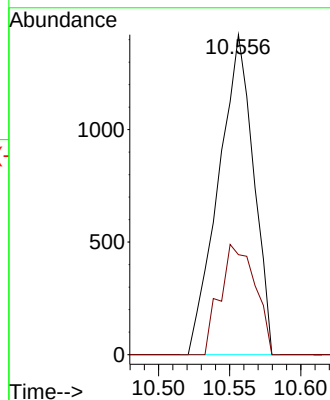
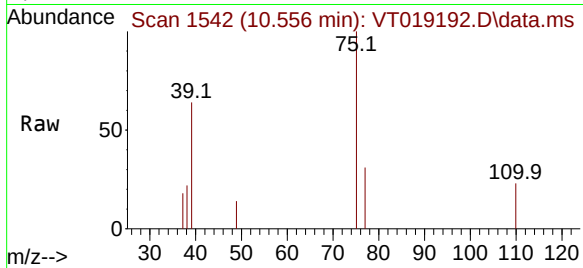




#53
t-1,3-Dichloropropene
Concen: 0.988 ug/l
RT: 10.556 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

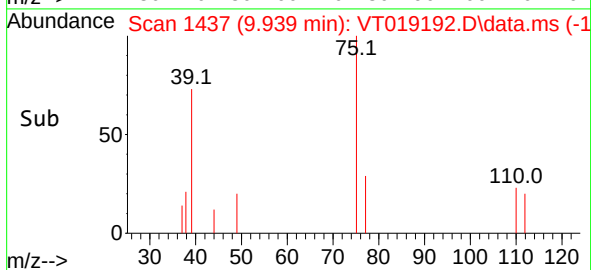
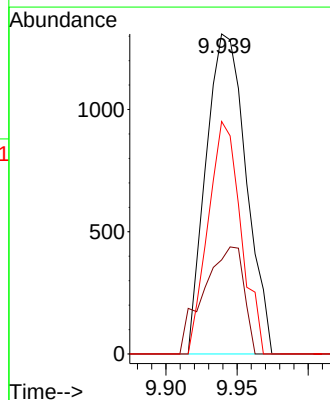
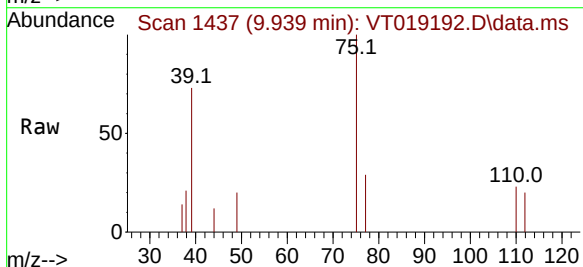
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

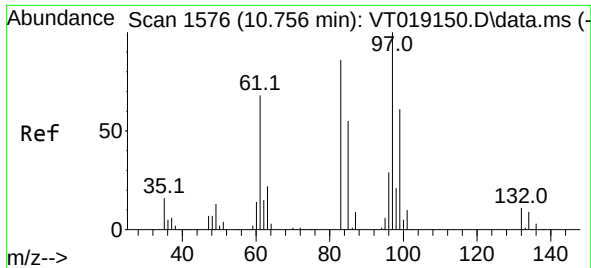
Tgt Ion: 75 Resp: 2436
Ion Ratio Lower Upper
75 100
77 31.2 24.2 36.4



#54
cis-1,3-Dichloropropene
Concen: 1.005 ug/l
RT: 9.939 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 75 Resp: 2566
Ion Ratio Lower Upper
75 100
77 29.4 25.5 38.3
39 72.7 48.8 73.2

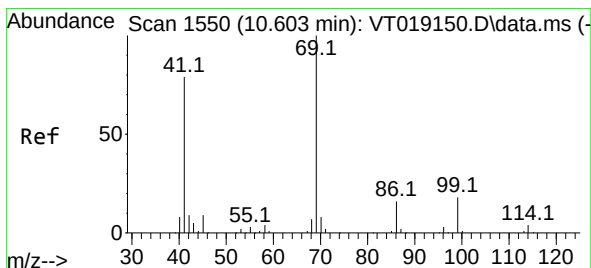
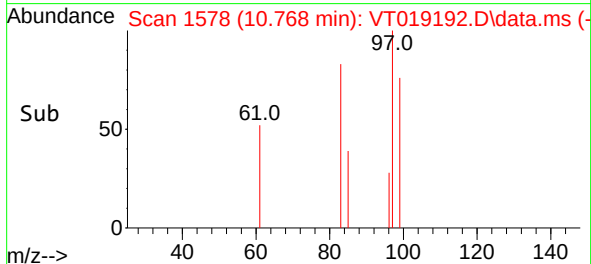
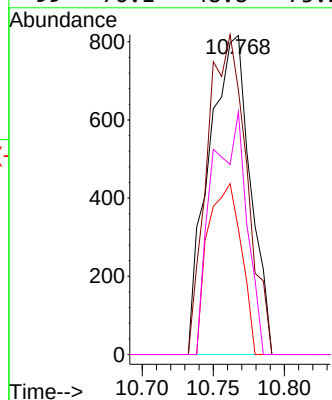
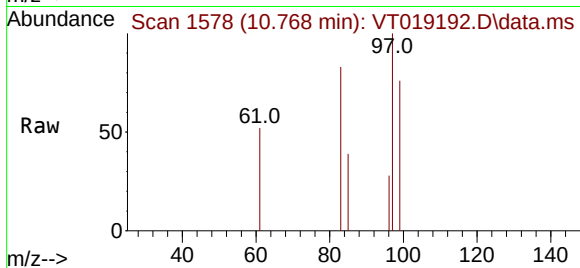




#55
1,1,2-Trichloroethane
Concen: 1.114 ug/l
RT: 10.768 min Scan# 1576
Delta R.T. 0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

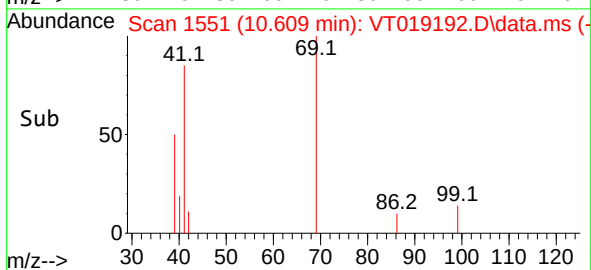
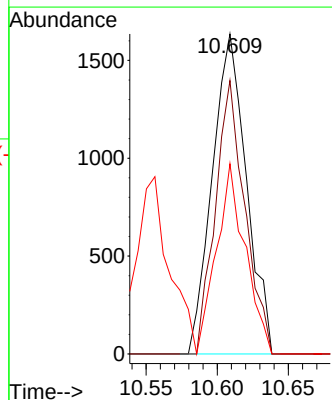
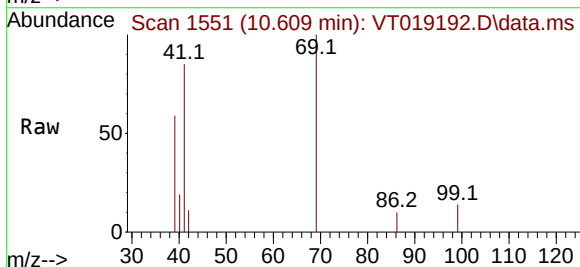
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

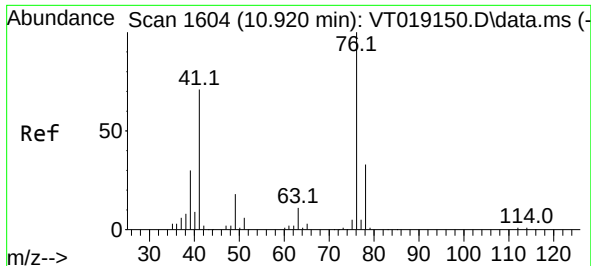
Tgt Ion: 97	Resp: 1656
Ion Ratio	Lower Upper
97 100	
83 82.8	69.2 103.8
85 39.2	43.8 65.6#
99 76.1	48.8 73.2#



#56
Ethyl methacrylate
Concen: 0.955 ug/l
RT: 10.609 min Scan# 1551
Delta R.T. -0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 69	Resp: 2728		
Ion Ratio	Lower	Upper	
69 100			
41 73.9	62.6	93.8	
39 50.3	37.2	55.8	





#57

1,3-Dichloropropane

Concen: 1.037 ug/l

RT: 10.926 min Scan# 1

Delta R.T. 0.000 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Instrument :

MSVOA_T

ClientSampleId :

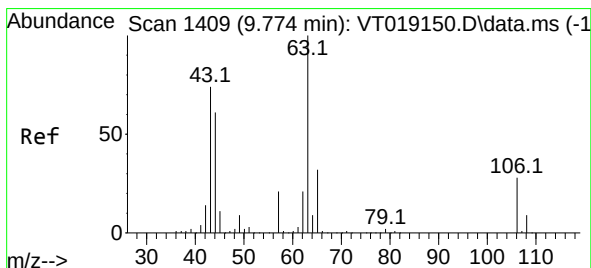
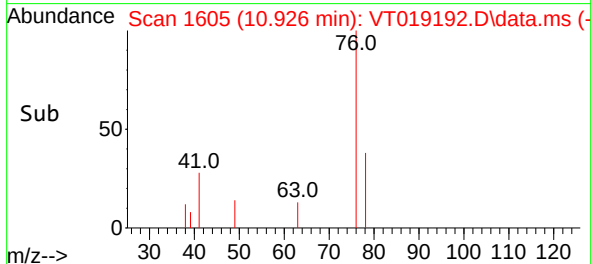
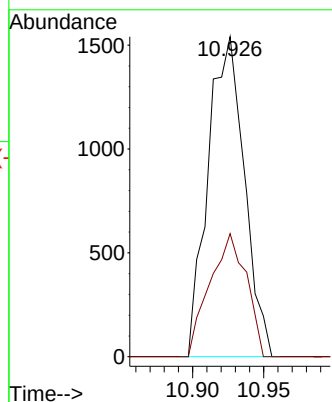
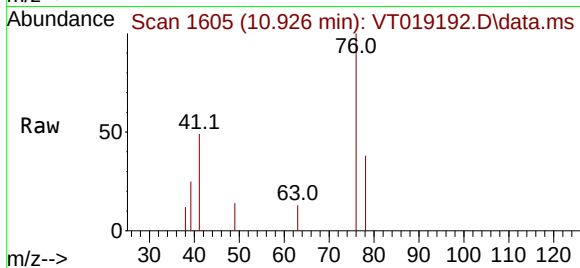
VSTDIC001

Tgt Ion: 76 Resp: 2736

Ion Ratio Lower Upper

76 100

78 38.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 6.025 ug/l

RT: 9.781 min Scan# 1410

Delta R.T. 0.001 min

Lab File: VT019192.D

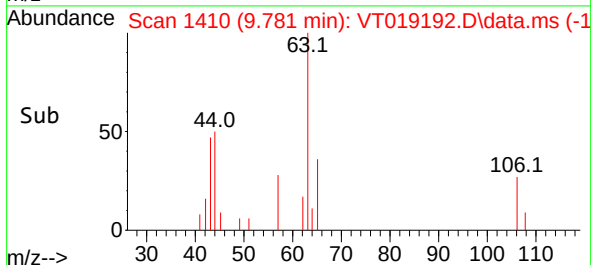
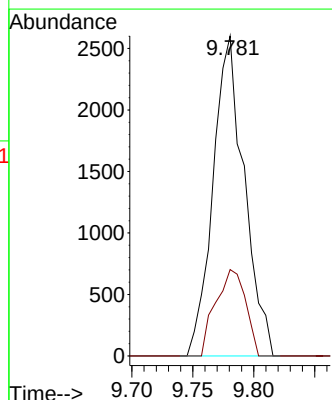
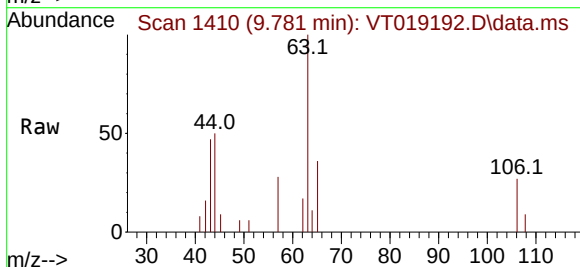
Acq: 29 Oct 2025 8:59

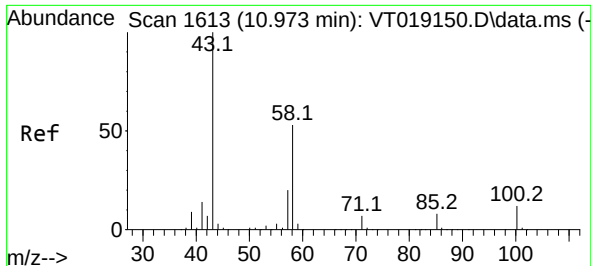
Tgt Ion: 63 Resp: 4632

Ion Ratio Lower Upper

63 100

106 25.9 22.4 33.6





#59

2-Hexanone

Concen: 5.797 ug/l

RT: 10.973 min Scan# 1

Delta R.T. -0.006 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Instrument :

MSVOA_T

ClientSampleId :

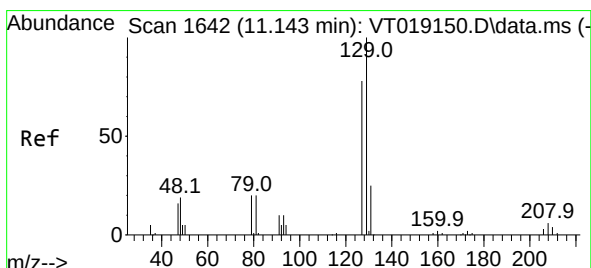
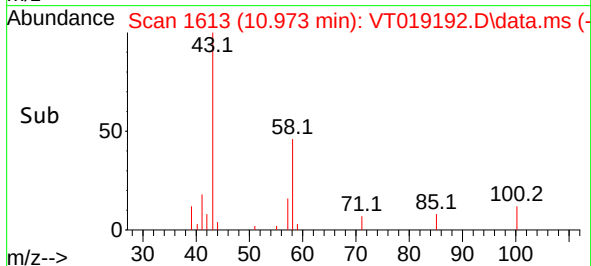
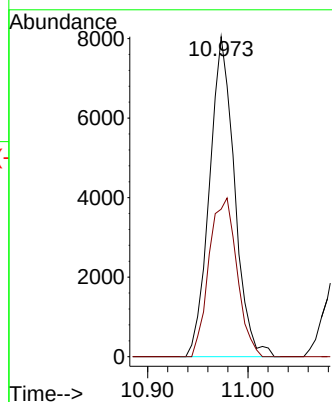
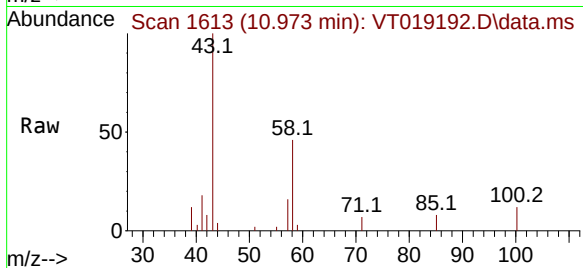
VSTDICC001

Tgt Ion: 43 Resp: 13950

Ion Ratio Lower Upper

43 100

58 55.1 26.1 78.3



#60

Dibromochloromethane

Concen: 0.880 ug/l

RT: 11.144 min Scan# 1642

Delta R.T. -0.005 min

Lab File: VT019192.D

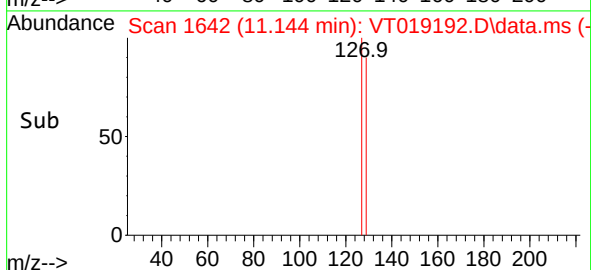
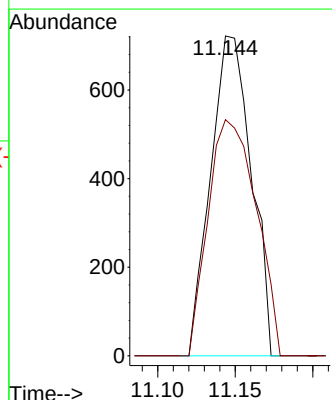
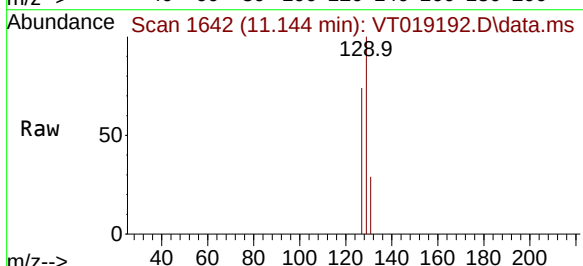
Acq: 29 Oct 2025 8:59

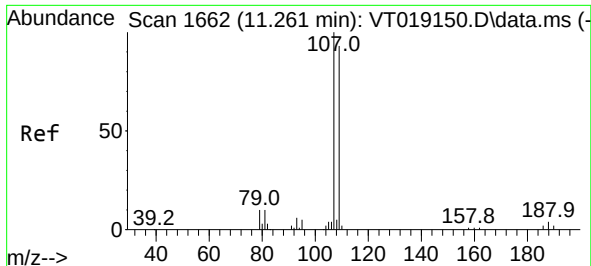
Tgt Ion:129 Resp: 1319

Ion Ratio Lower Upper

129 100

127 87.1 38.9 116.7

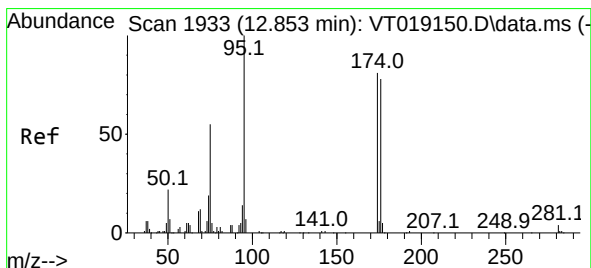
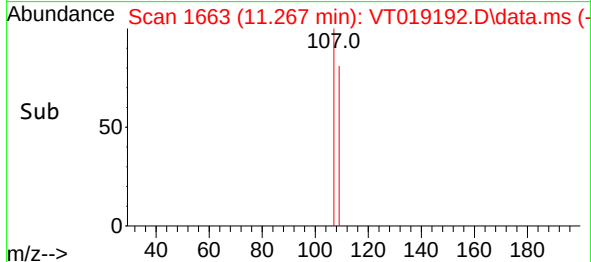
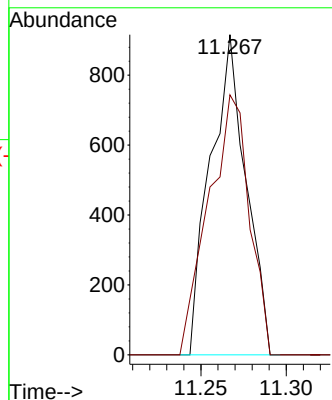
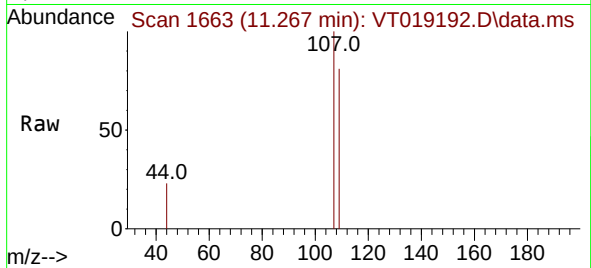




#61
1,2-Dibromoethane
Concen: 0.962 ug/l
RT: 11.267 min Scan# 1
Delta R.T. 0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

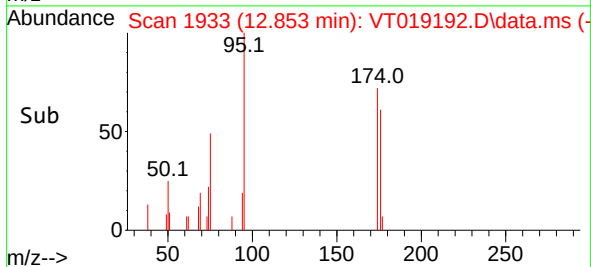
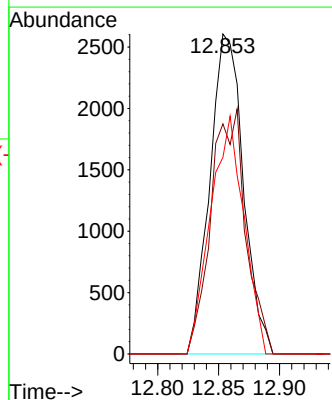
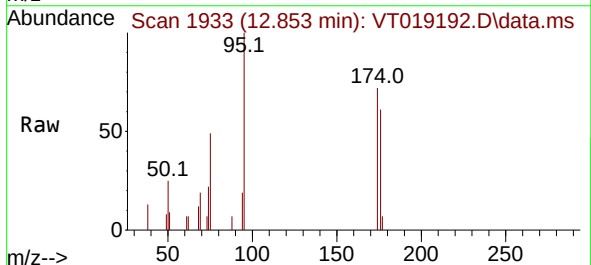
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

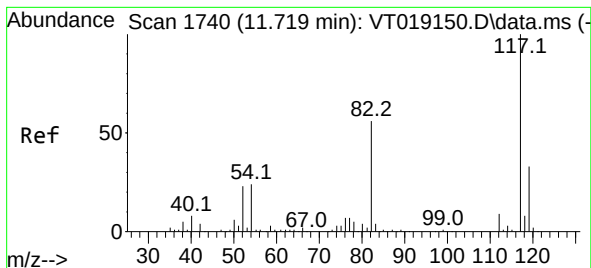
Tgt Ion:107 Resp: 1331
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 2.262 ug/l
RT: 12.853 min Scan# 1933
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 95 Resp: 5002
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.6
176 73.8 0.0 156.6

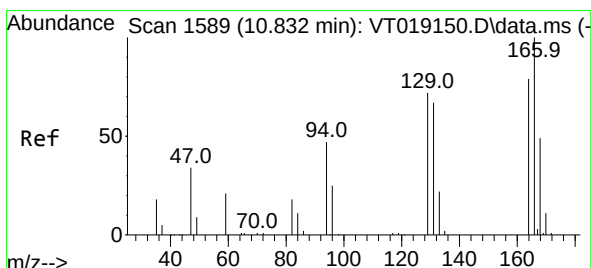
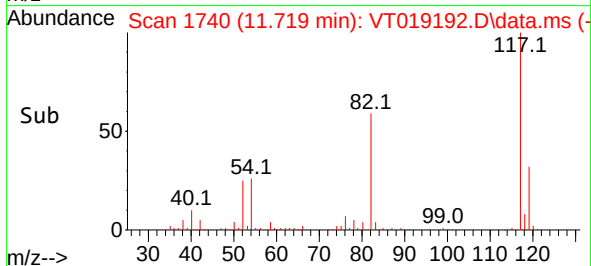
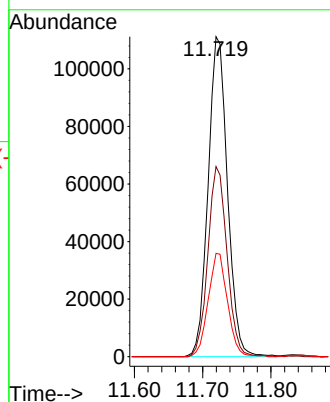
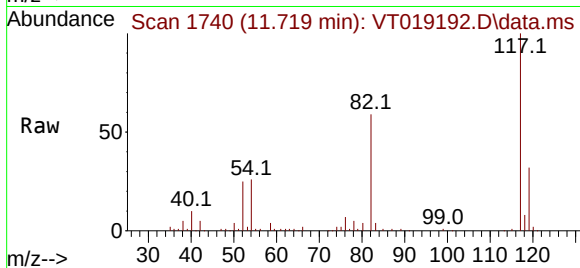




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.719 min Scan# 117
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

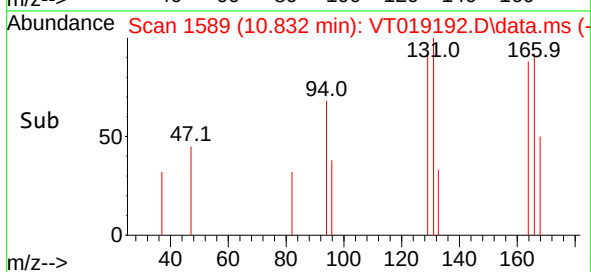
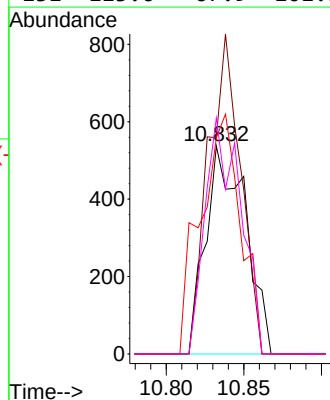
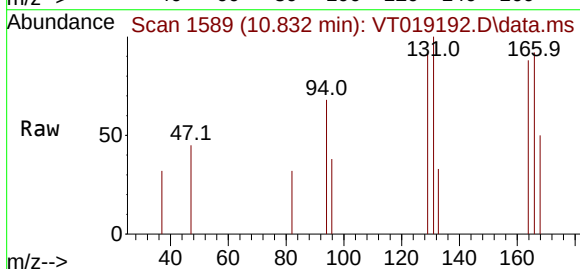
Instrument :
MSVOA_T
ClientSampleId :
VSTDICC001

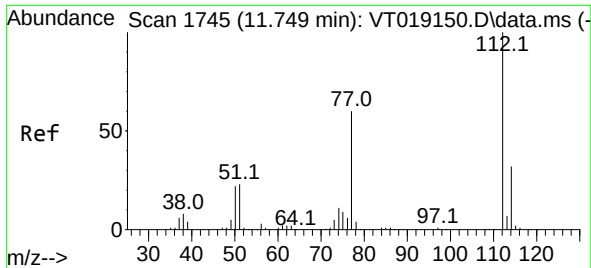
Tgt Ion:117 Resp: 219787
Ion Ratio Lower Upper
117 100
82 59.4 45.1 67.7
119 32.3 26.6 40.0



#64
Tetrachloroethene
Concen: 0.961 ug/l
RT: 10.832 min Scan# 1589
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion:164 Resp: 960
Ion Ratio Lower Upper
164 100
166 104.1 100.9 151.3
129 104.1 72.4 108.6
131 113.6 67.9 101.9#

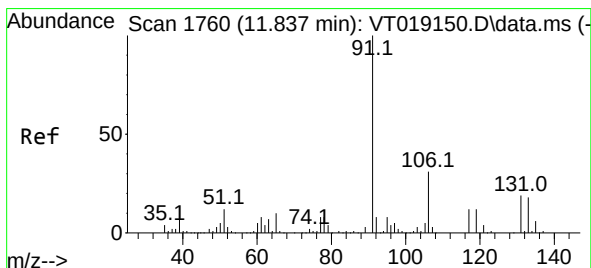
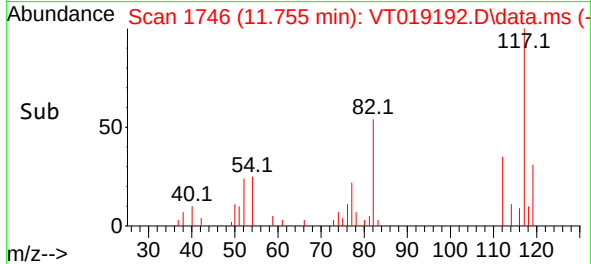
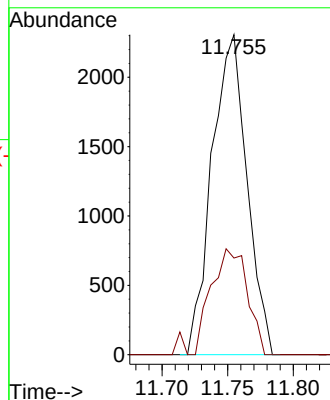
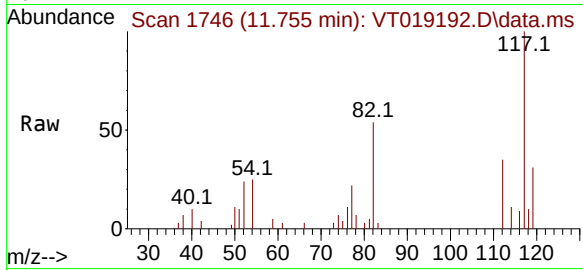




#65
Chlorobenzene
Concen: 1.086 ug/l
RT: 11.755 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

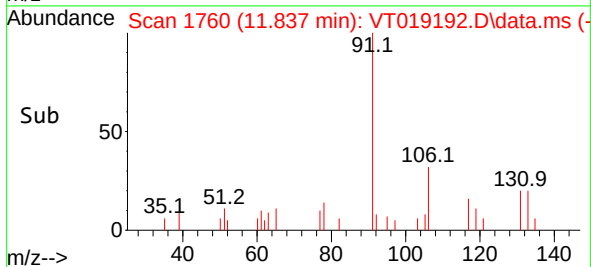
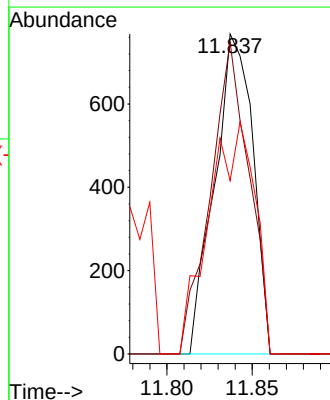
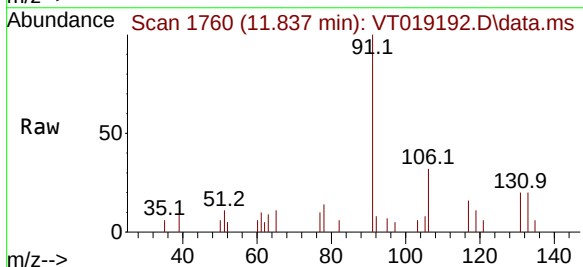
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

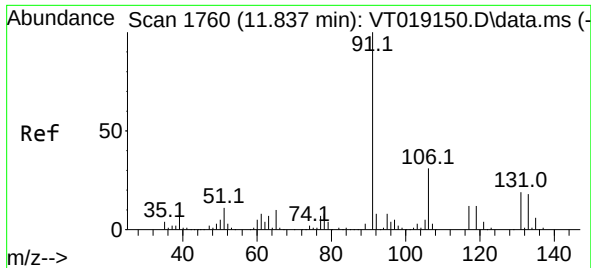
Tgt Ion:112 Resp: 4284
Ion Ratio Lower Upper
112 100
114 30.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.886 ug/l
RT: 11.837 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion:131 Resp: 1197
Ion Ratio Lower Upper
131 100
133 97.9 47.4 142.3
119 0.0 31.7 95.1#

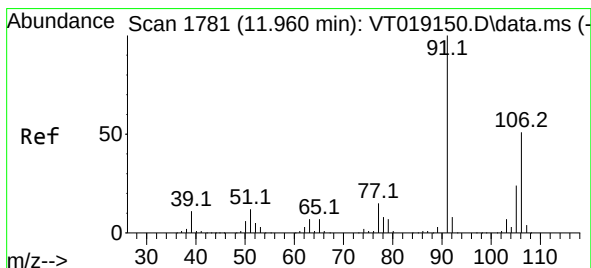
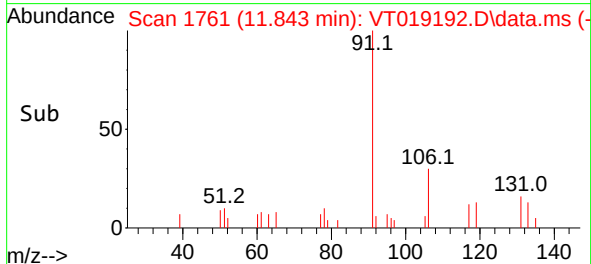
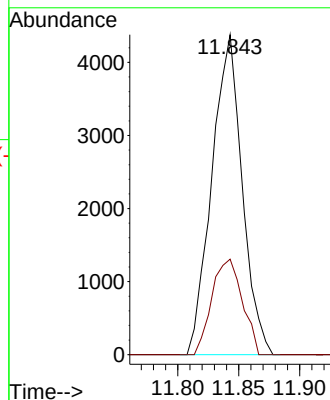
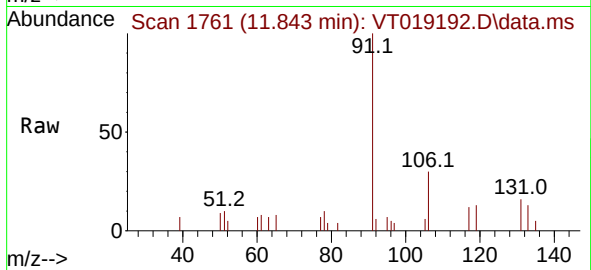




#67
Ethyl Benzene
Concen: 1.028 ug/l
RT: 11.843 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

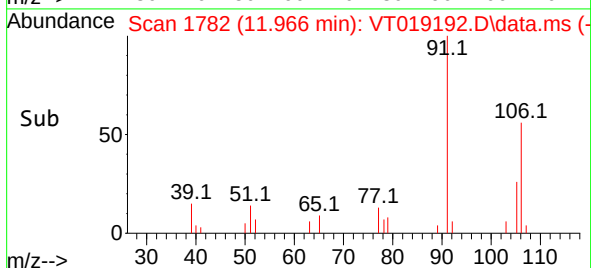
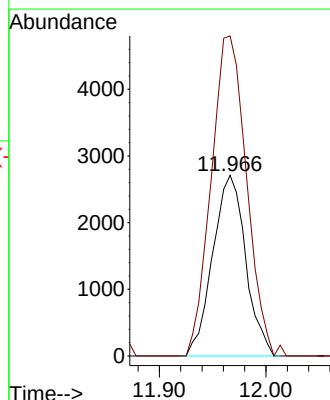
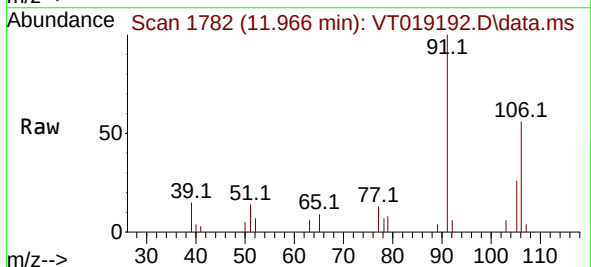
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

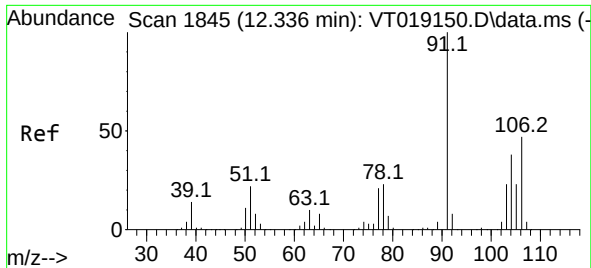
Tgt Ion: 91 Resp: 7579
Ion Ratio Lower Upper
91 100
106 29.9 24.8 37.2



#68
m/p-Xylenes
Concen: 2.132 ug/l
RT: 11.966 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 106 Resp: 5809
Ion Ratio Lower Upper
106 100
91 190.2 161.0 241.6

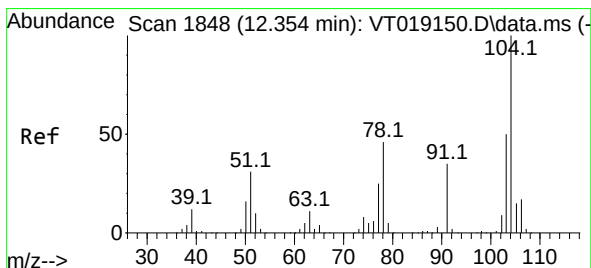
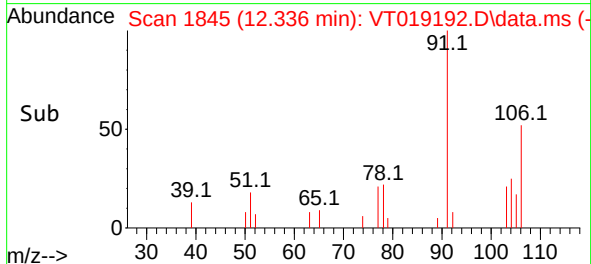
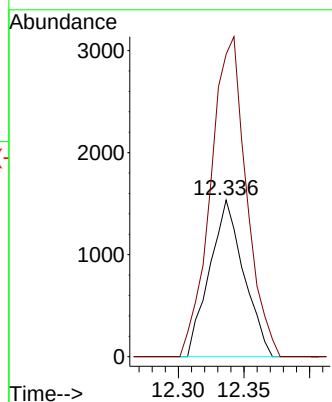
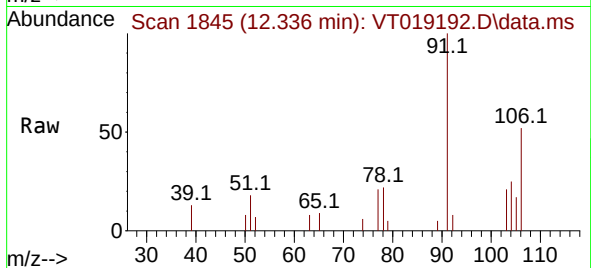




#69
o-Xylene
Concen: 1.026 ug/l
RT: 12.336 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

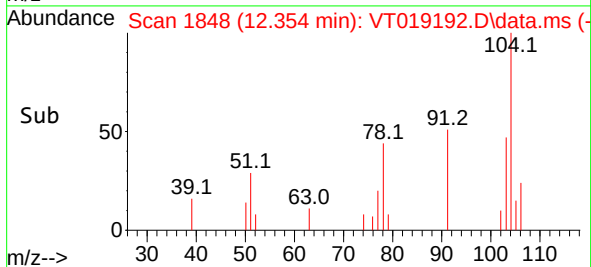
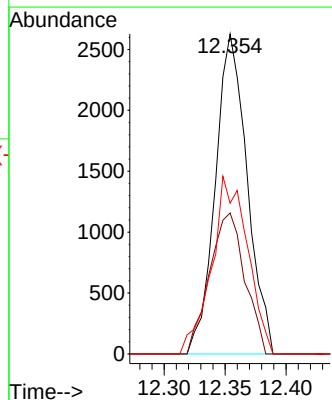
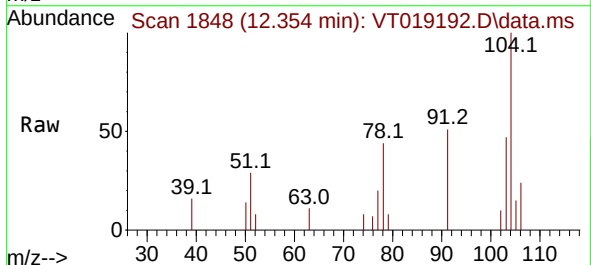
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

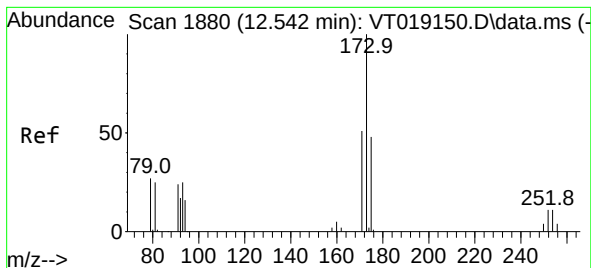
Tgt Ion:106 Resp: 2779
Ion Ratio Lower Upper
106 100
91 213.5 106.5 319.5



#70
Styrene
Concen: 0.979 ug/l
RT: 12.354 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion:104 Resp: 4775
Ion Ratio Lower Upper
104 100
78 49.0 40.8 61.2
103 62.4 43.8 65.6





#71

Bromoform

Concen: 0.738 ug/l

RT: 12.548 min Scan# 11

Delta R.T. -0.000 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC001

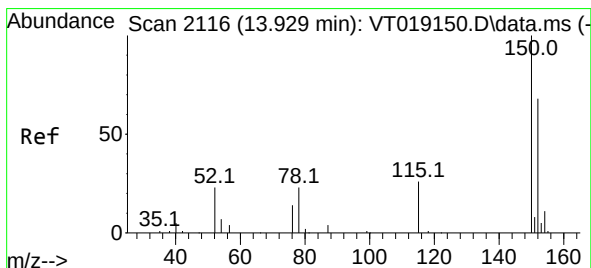
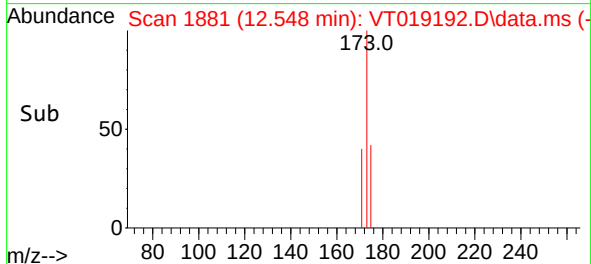
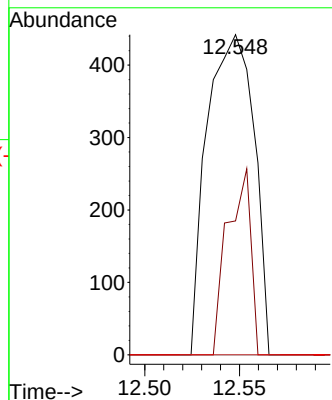
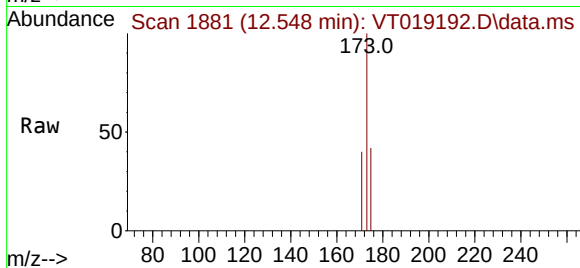
Tgt Ion:173 Resp: 762

Ion Ratio Lower Upper

173 100

175 28.9 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.929 min Scan# 2116

Delta R.T. -0.000 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

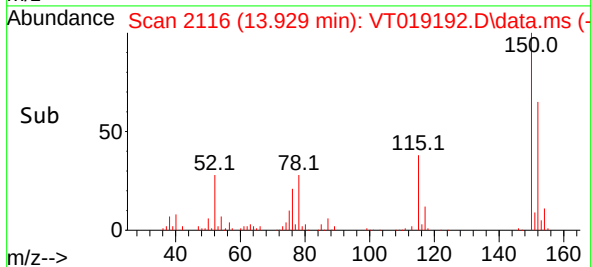
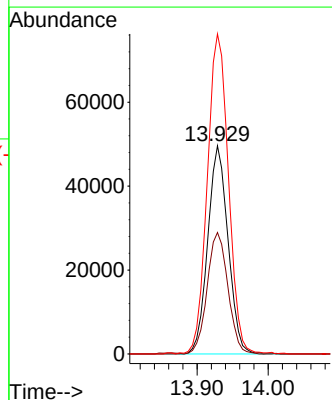
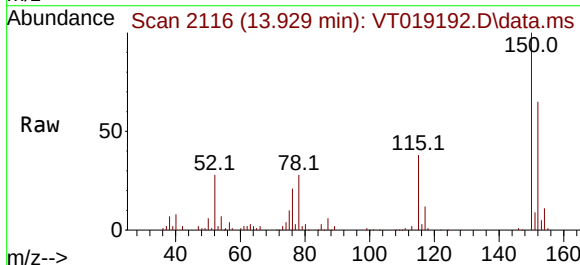
Tgt Ion:152 Resp: 98407

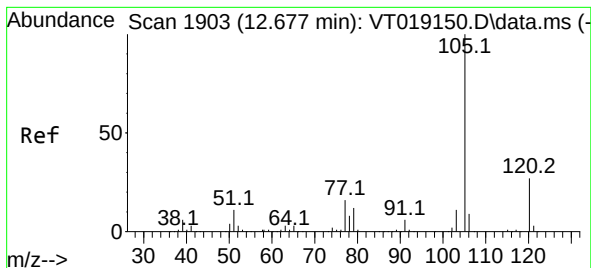
Ion Ratio Lower Upper

152 100

115 59.6 29.6 88.9

150 160.1 0.0 342.6





#73

Isopropylbenzene

Concen: 1.101 ug/l

RT: 12.677 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Instrument :

MSVOA_T

ClientSampleId :

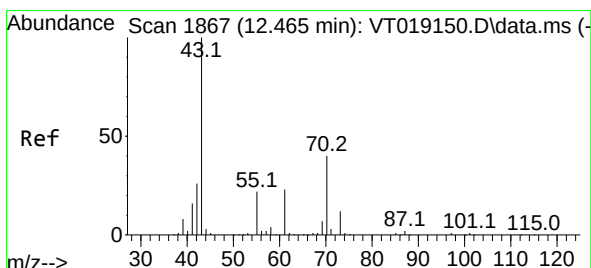
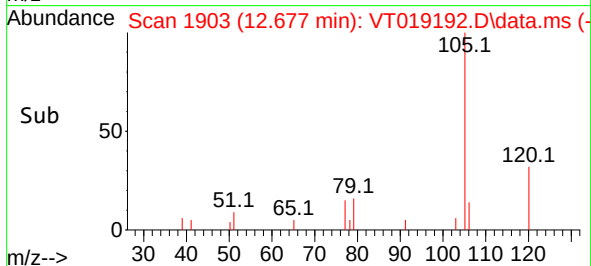
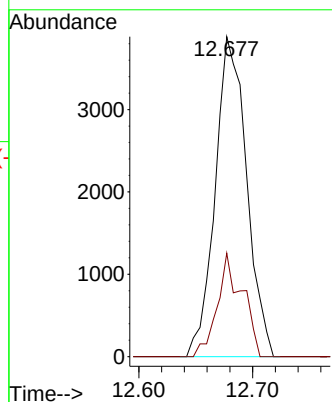
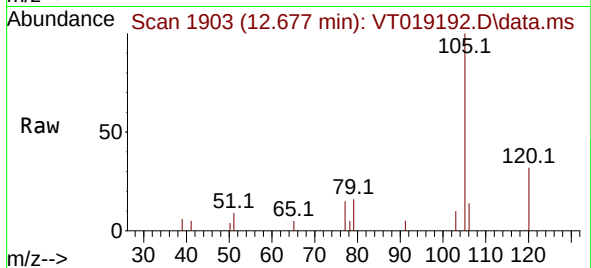
VSTDIC001

Tgt Ion:105 Resp: 7457

Ion Ratio Lower Upper

105 100

120 25.7 13.5 40.4



#74

N-ethyl acetate

Concen: 1.104 ug/l

RT: 12.466 min Scan# 1867

Delta R.T. -0.005 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Tgt Ion: 43 Resp: 3771

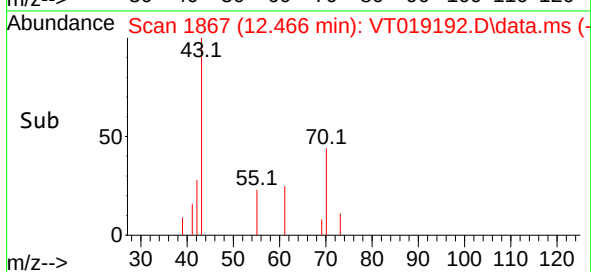
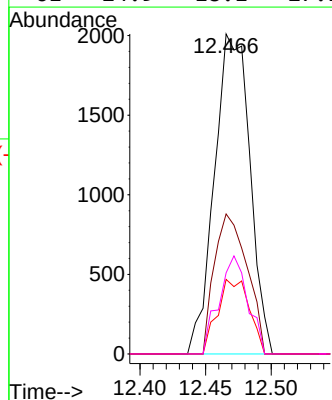
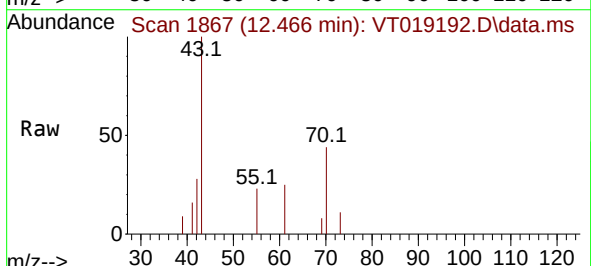
Ion Ratio Lower Upper

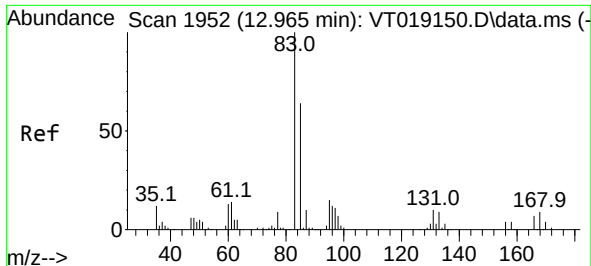
43 100

70 40.5 31.3 46.9

55 20.9 17.4 26.0

61 24.9 18.1 27.1

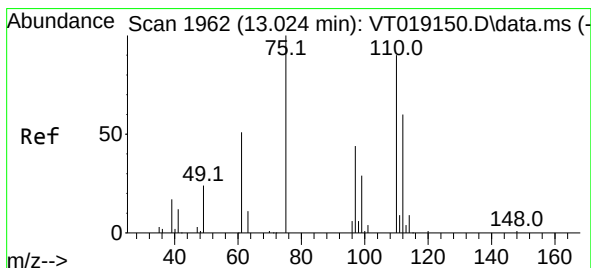
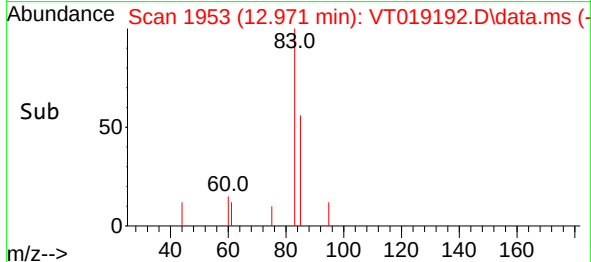
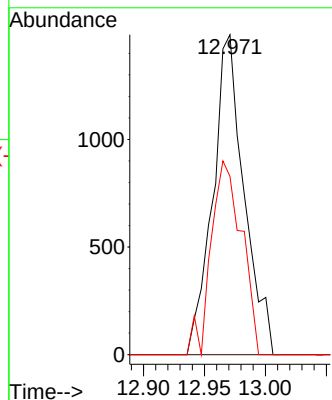
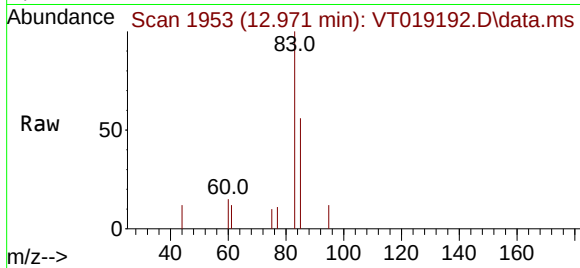




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.144 ug/l
 RT: 12.971 min Scan# 1953
 Delta R.T. -0.000 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

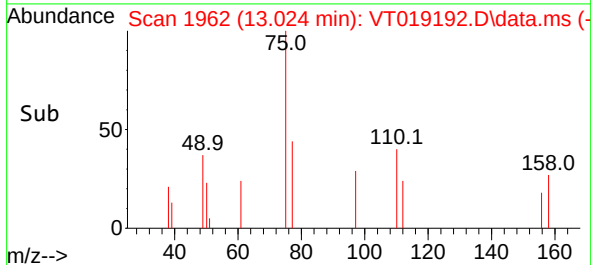
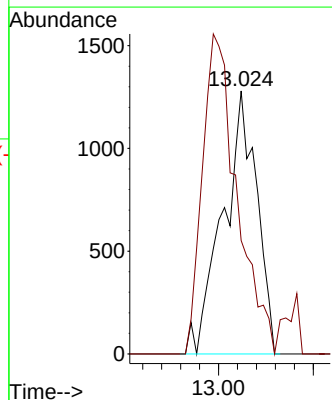
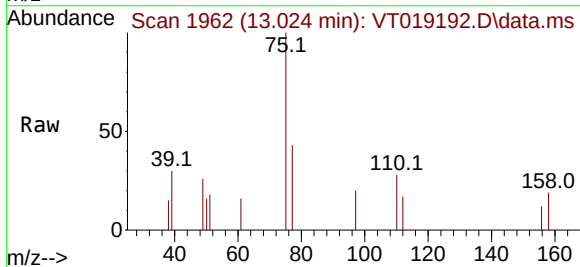
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

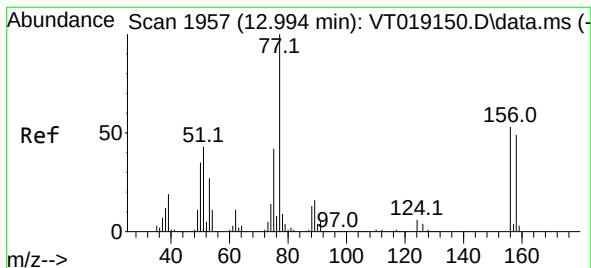
Tgt Ion: 83 Resp: 2655
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.2 15.6#
 85 59.3 32.8 98.4



#76
 1,2,3-Trichloropropane
 Concen: 1.545 ug/l
 RT: 13.024 min Scan# 1962
 Delta R.T. -0.006 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

Tgt Ion: 75 Resp: 3153
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 1.108 ug/l

RT: 13.000 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Instrument :

MSVOA_T

ClientSampleId :

VSTDIC001

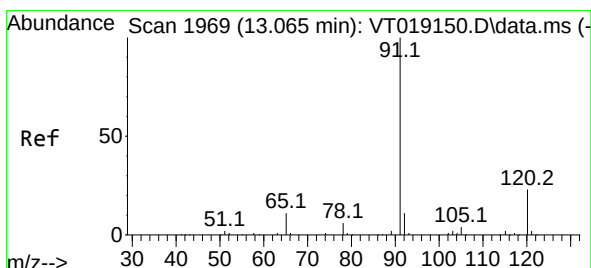
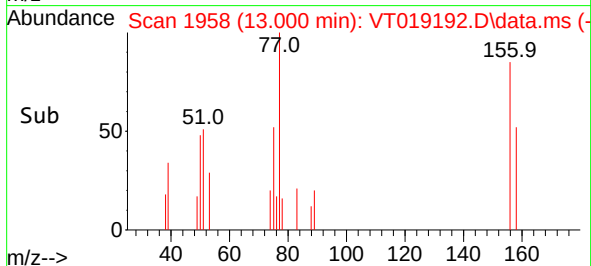
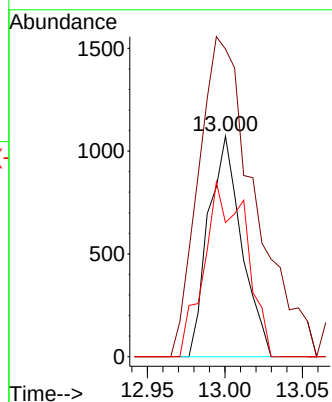
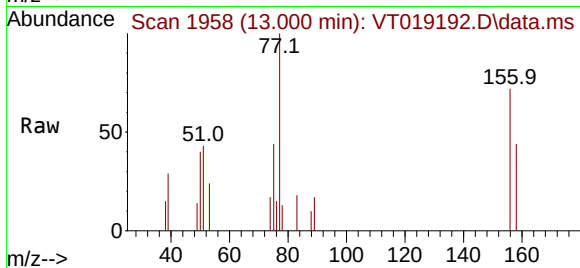
Tgt Ion:156 Resp: 1592

Ion Ratio Lower Upper

156 100

77 246.5 113.1 339.3

158 100.4 48.0 144.0



#78

n-propylbenzene

Concen: 1.163 ug/l

RT: 13.071 min Scan# 1970

Delta R.T. -0.000 min

Lab File: VT019192.D

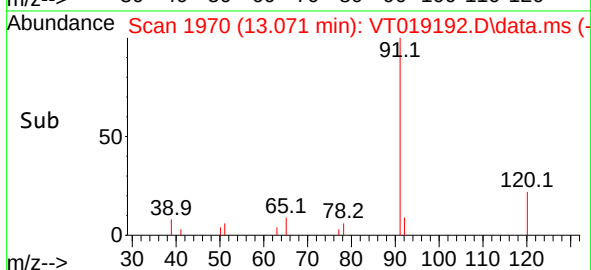
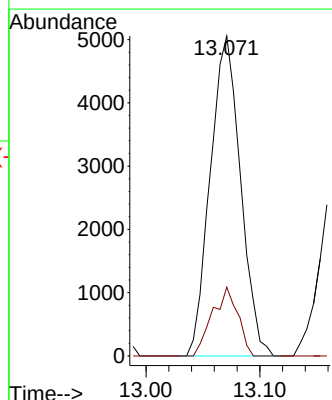
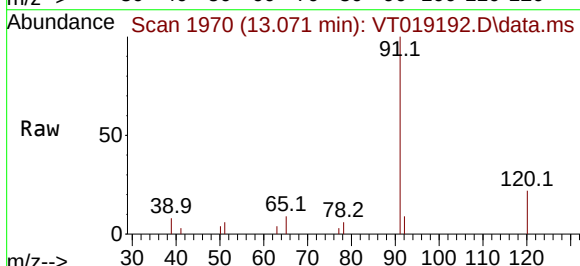
Acq: 29 Oct 2025 8:59

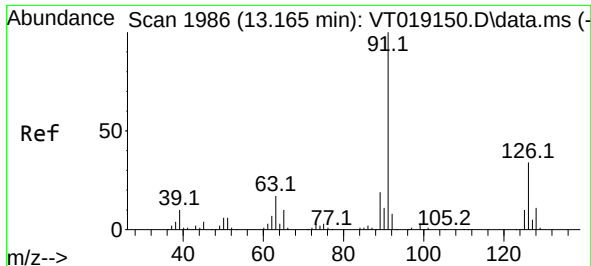
Tgt Ion: 91 Resp: 9359

Ion Ratio Lower Upper

91 100

120 18.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 1.144 ug/l

RT: 13.165 min Scan# 1986

Delta R.T. -0.006 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Instrument :

MSVOA_T

ClientSampleId :

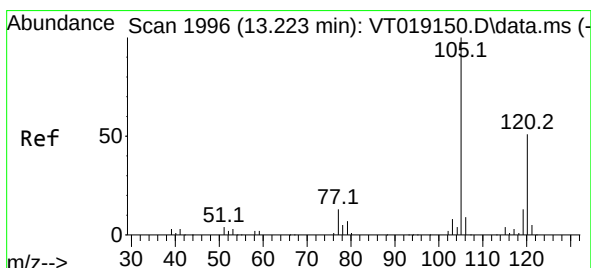
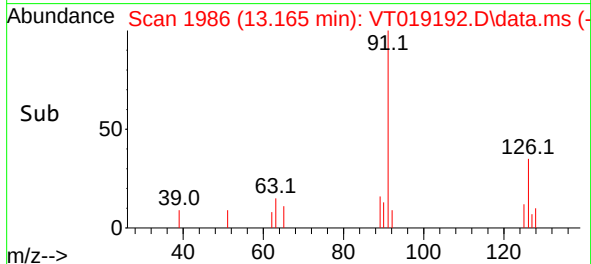
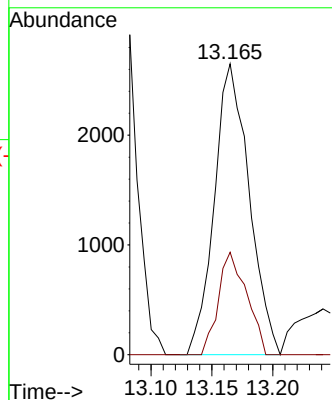
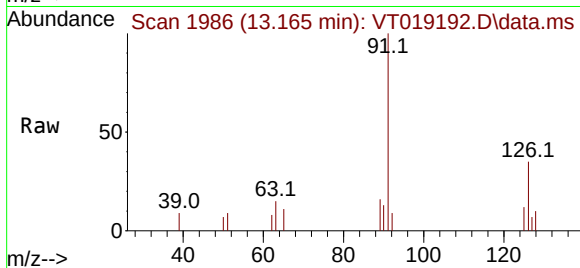
VSTDIC001

Tgt Ion: 91 Resp: 5273

Ion Ratio Lower Upper

91 100

126 28.7 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 1.110 ug/l

RT: 13.230 min Scan# 1997

Delta R.T. 0.001 min

Lab File: VT019192.D

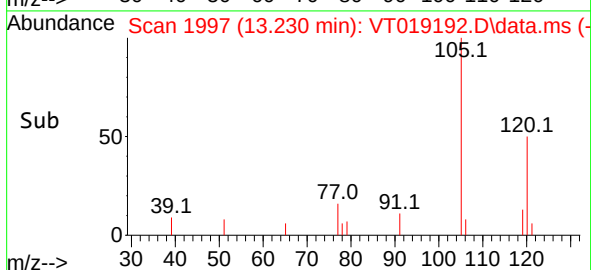
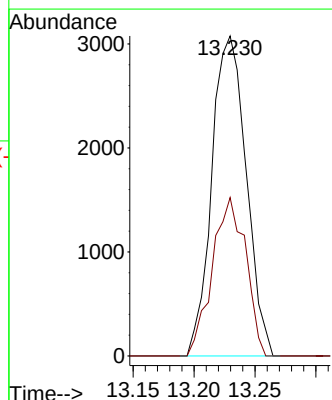
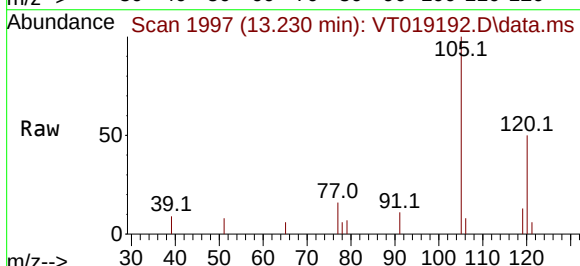
Acq: 29 Oct 2025 8:59

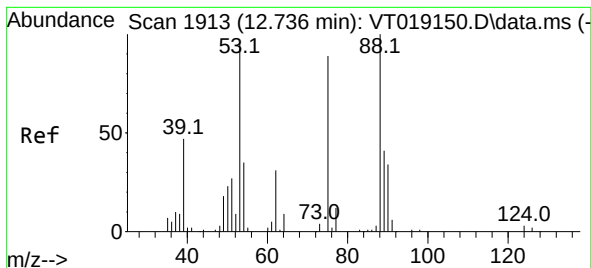
Tgt Ion: 105 Resp: 6041

Ion Ratio Lower Upper

105 100

120 48.0 25.5 76.5

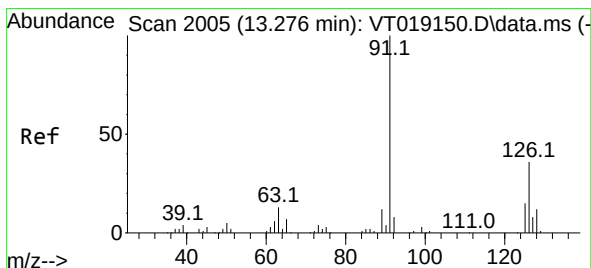
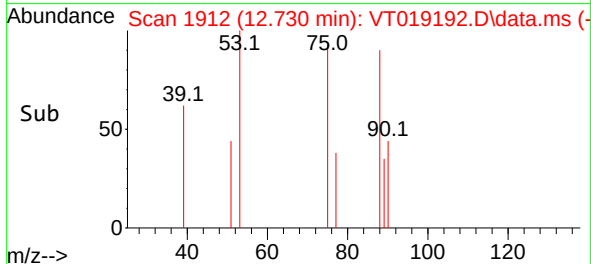
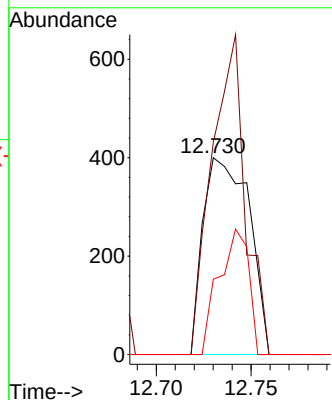
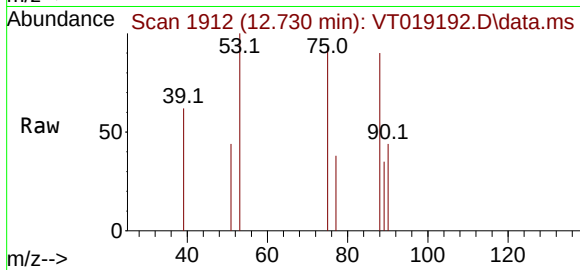




#81
trans-1,4-Dichloro-2-butene
Concen: 0.784 ug/l
RT: 12.730 min Scan# 1913
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

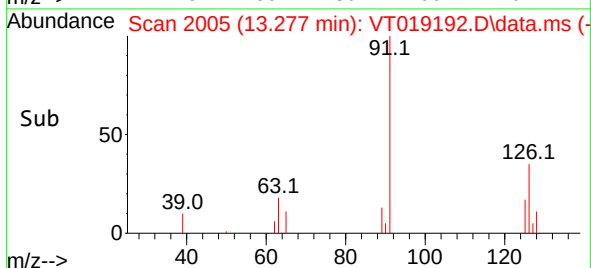
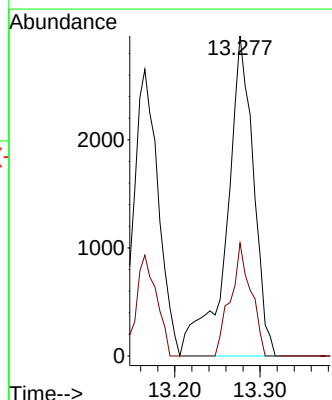
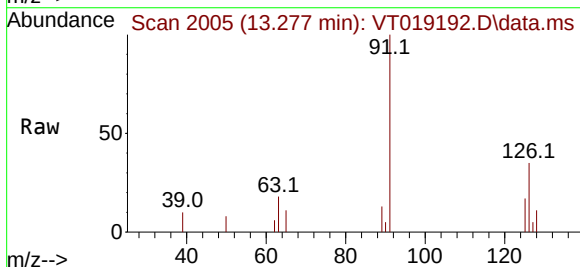
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

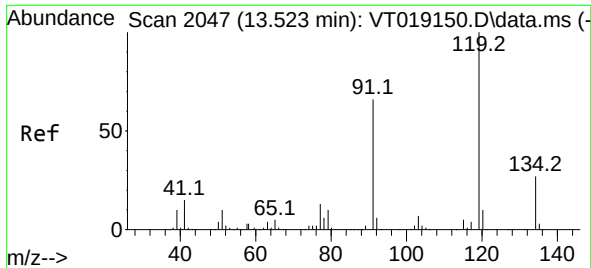
Tgt Ion:	75	Resp:	677
Ion	Ratio	Lower	Upper
75	100		
53	117.9	86.0	129.0
89	41.1	36.3	54.5



#82
4-Chlorotoluene
Concen: 1.375 ug/l
RT: 13.277 min Scan# 2005
Delta R.T. -0.005 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion:	91	Resp:	6451
Ion	Ratio	Lower	Upper
91	100		
126	27.1	16.9	50.7

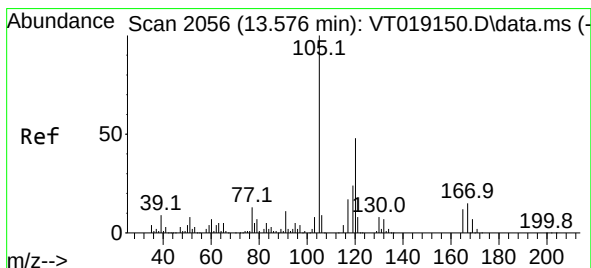
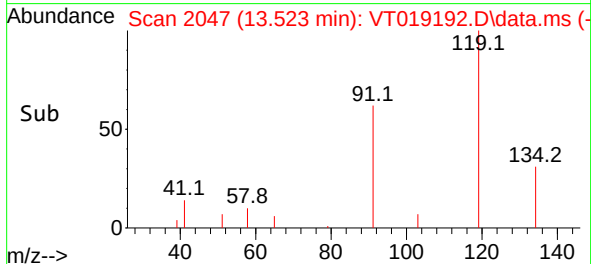
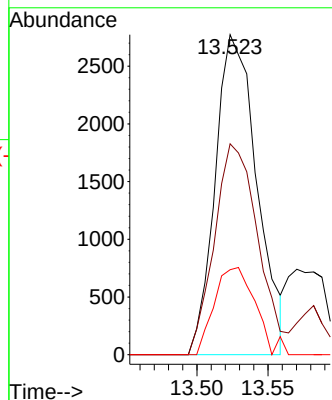
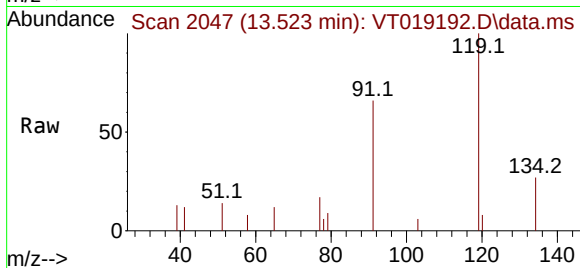




#83
tert-Butylbenzene
Concen: 1.125 ug/l
RT: 13.523 min Scan# 2047
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

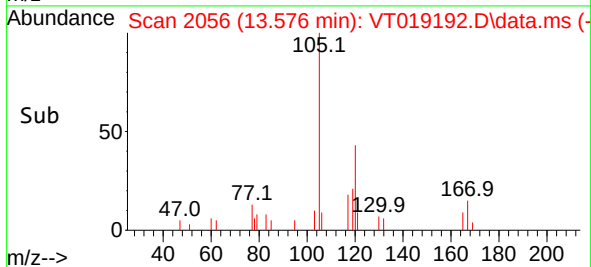
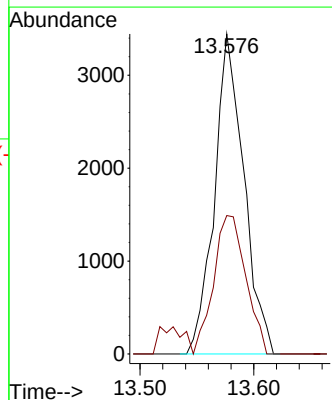
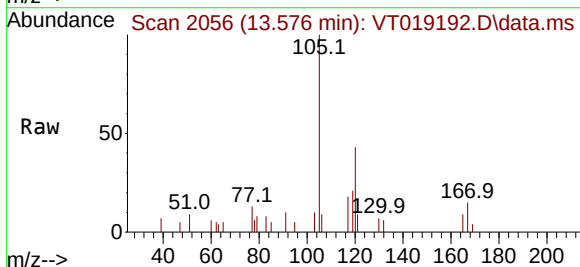
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

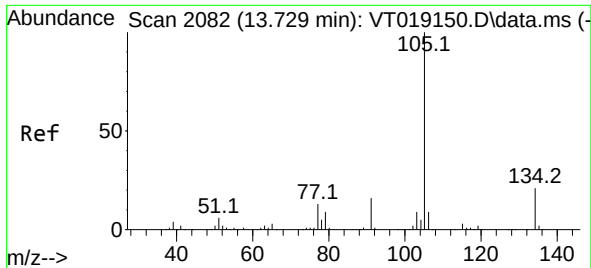
Tgt Ion:119	Resp:	5666
Ion	Ratio	Lower Upper
119	100	
91	69.0	32.9 98.6
134	26.8	14.8 44.3



#84
1,2,4-Trimethylbenzene
Concen: 1.120 ug/l
RT: 13.576 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion:105	Resp:	6190
Ion	Ratio	Lower Upper
105	100	
120	47.4	23.7 71.1

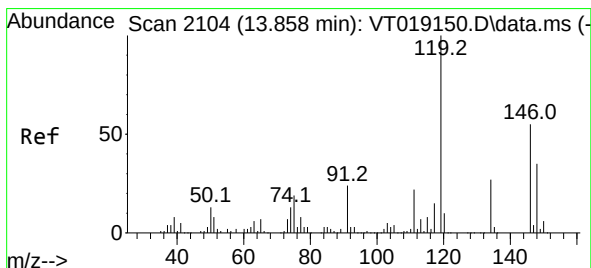
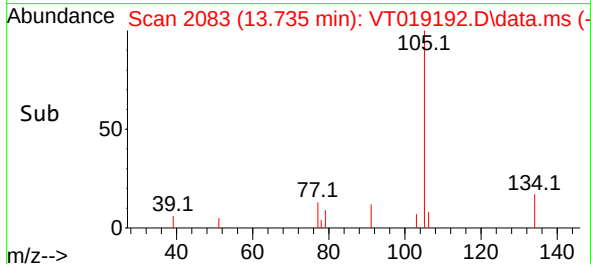
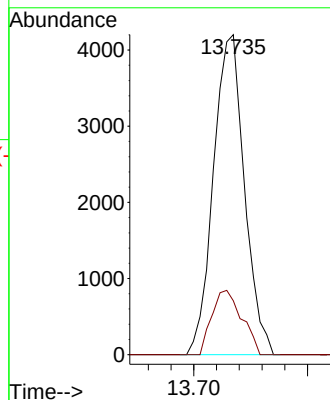
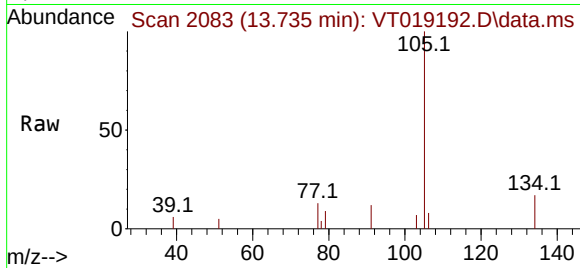




#85
 sec-Butylbenzene
 Concen: 1.077 ug/l
 RT: 13.735 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

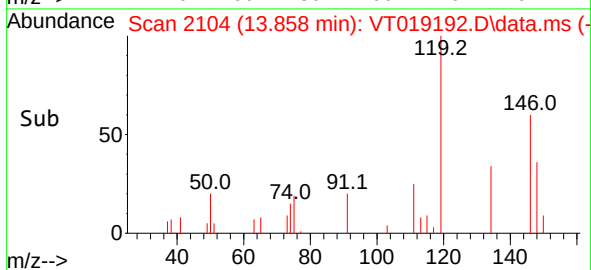
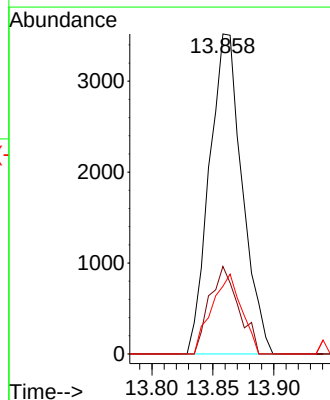
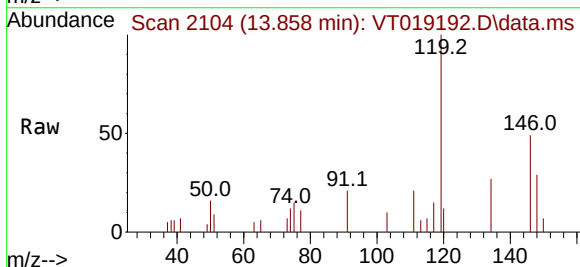
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

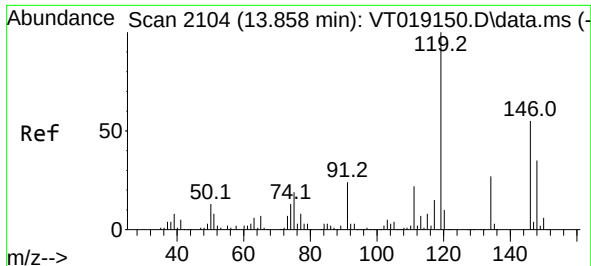
Tgt Ion:105 Resp: 7955
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 1.069 ug/l
 RT: 13.858 min Scan# 2104
 Delta R.T. -0.006 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

Tgt Ion:119 Resp: 6593
 Ion Ratio Lower Upper
 119 100
 134 24.2 13.4 40.1
 91 22.7 11.7 35.1

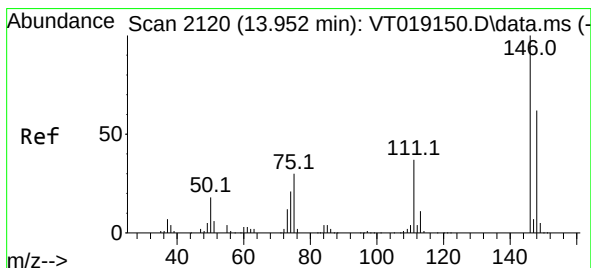
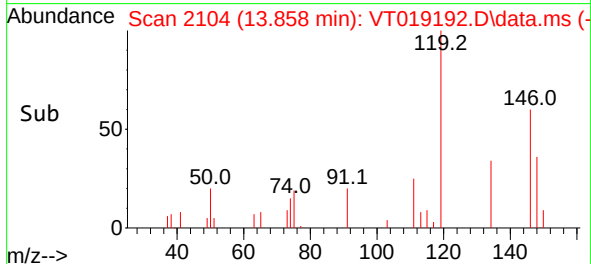
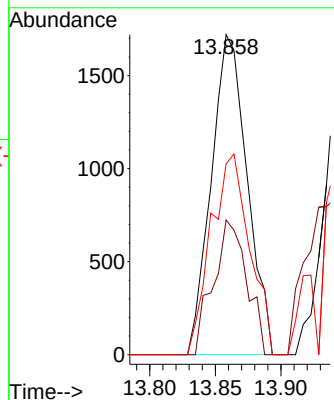
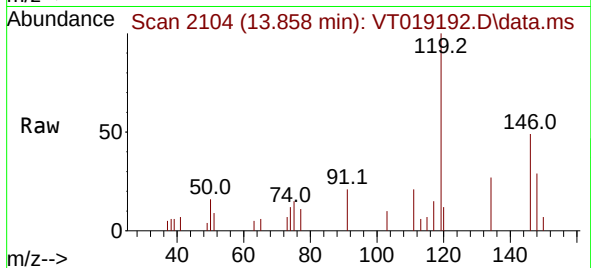




#87
 1,3-Dichlorobenzene
 Concen: 1.111 ug/l
 RT: 13.858 min Scan# 2104
 Delta R.T. -0.006 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

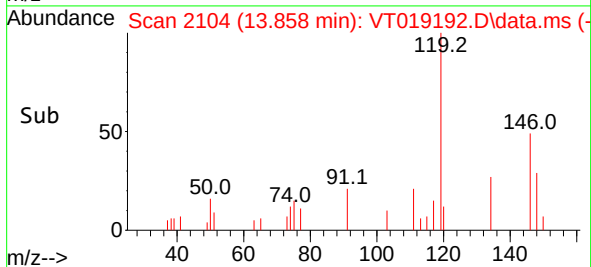
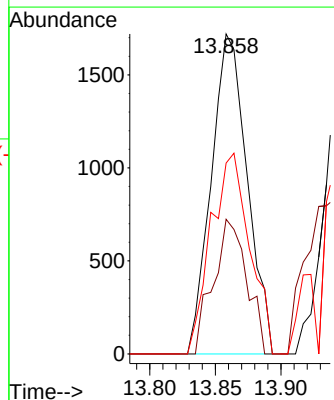
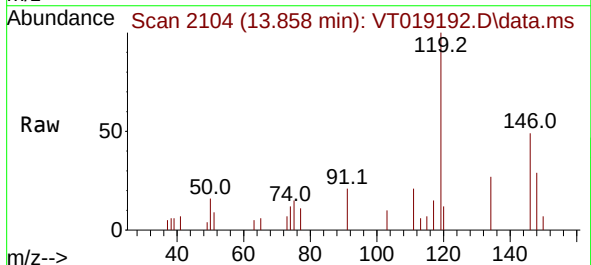
Instrument :
 MSVOA_T
 ClientSampleId :
 VSTDIC001

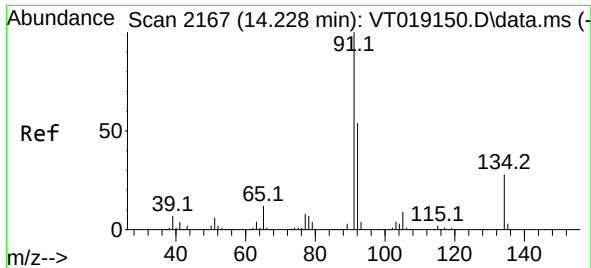
Tgt Ion:146 Resp: 3277
 Ion Ratio Lower Upper
 146 100
 111 39.2 20.3 60.9
 148 67.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 1.103 ug/l
 RT: 13.858 min Scan# 2104
 Delta R.T. -0.094 min
 Lab File: VT019192.D
 Acq: 29 Oct 2025 8:59

Tgt Ion:146 Resp: 3277
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.3 57.8
 148 67.5 31.8 95.4





#89

n-Butylbenzene

Concen: 0.982 ug/l

RT: 14.234 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

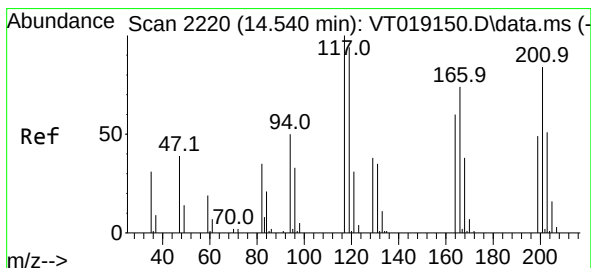
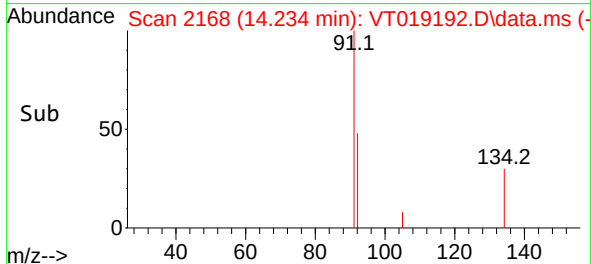
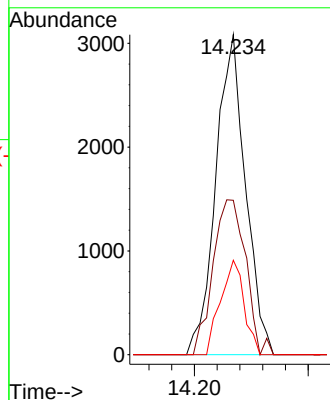
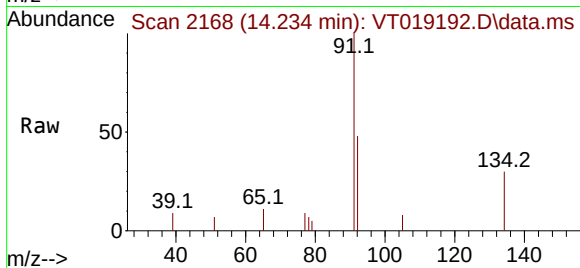
Instrument :

MSVOA_T

ClientSampleId :

VSTDIC001

Tgt Ion:	91	Resp:	5596
Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.1	81.2
134	23.4	13.7	41.0



#90

Hexachloroethane

Concen: 0.742 ug/l

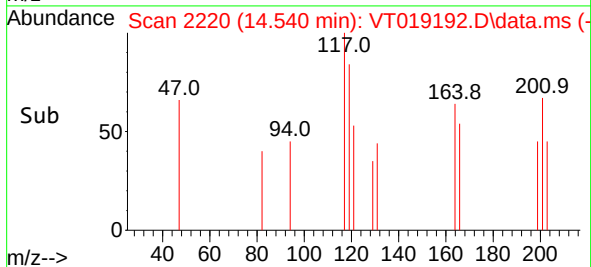
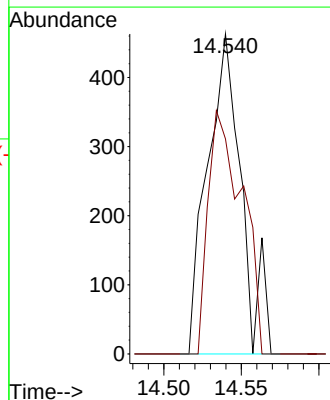
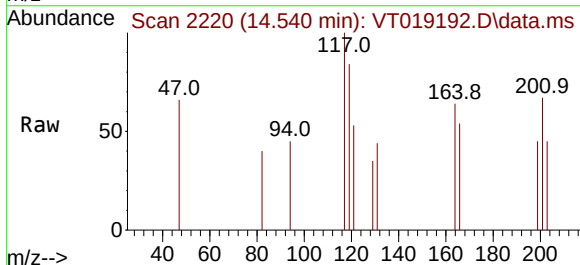
RT: 14.540 min Scan# 2220

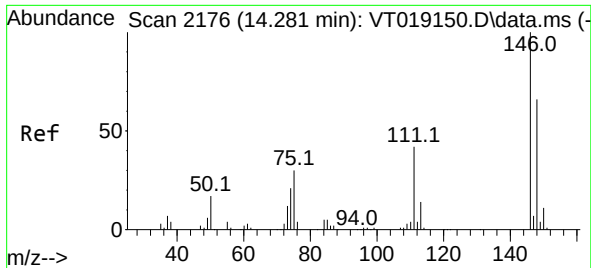
Delta R.T. -0.000 min

Lab File: VT019192.D

Acq: 29 Oct 2025 8:59

Tgt Ion:	117	Resp:	706
Ion	Ratio	Lower	Upper
117	100		
201	76.2	39.7	119.1

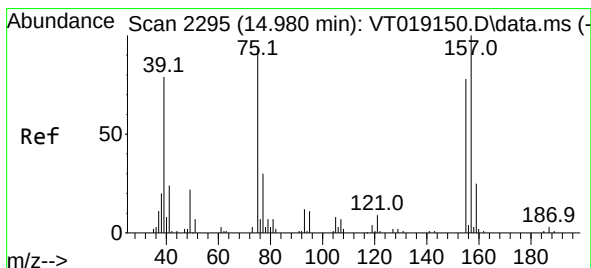
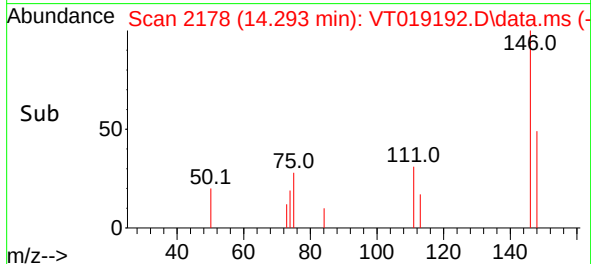
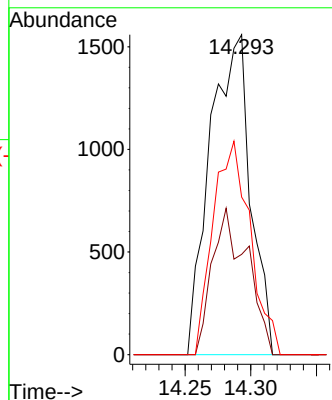
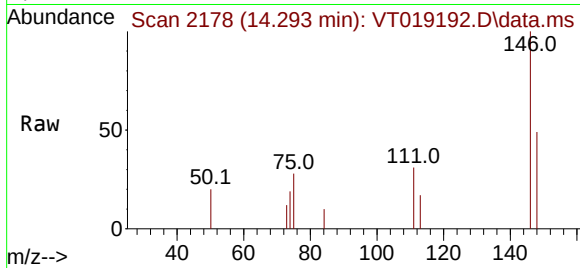




#91
1,2-Dichlorobenzene
Concen: 1.159 ug/l
RT: 14.293 min Scan# 2176
Delta R.T. 0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

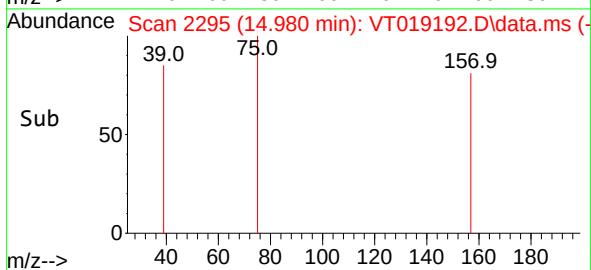
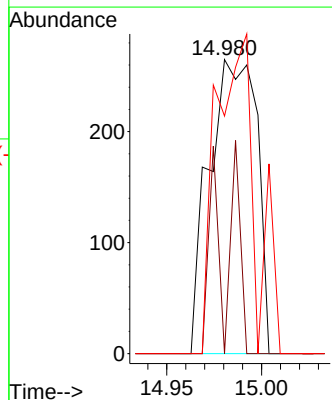
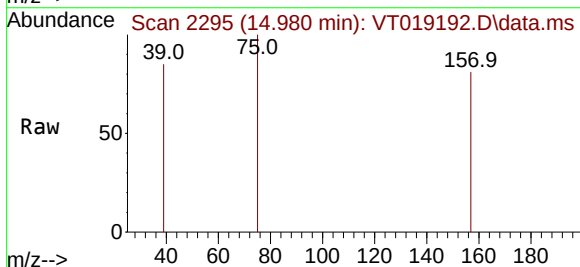
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

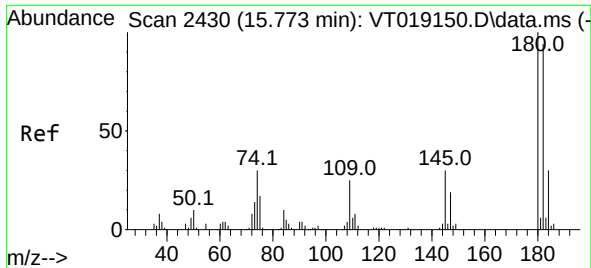
Tgt Ion:146 Resp: 3348
Ion Ratio Lower Upper
146 100
111 39.4 20.8 62.4
148 61.3 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.929 ug/l
RT: 14.980 min Scan# 2295
Delta R.T. -0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion: 75 Resp: 465
Ion Ratio Lower Upper
75 100
155 28.8 42.9 128.7#
157 88.8 54.9 164.8

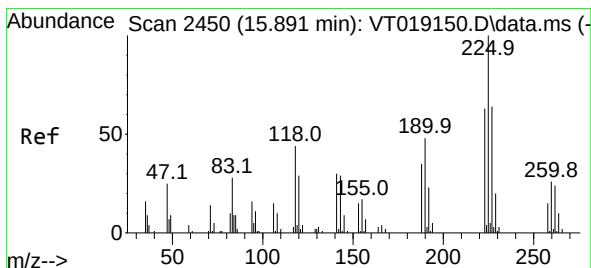
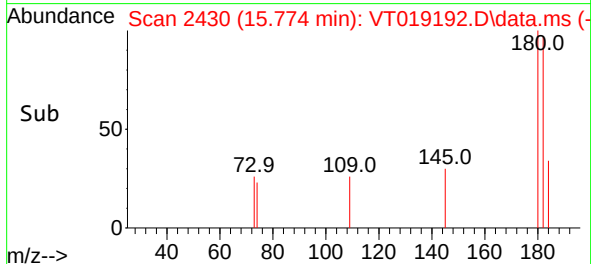
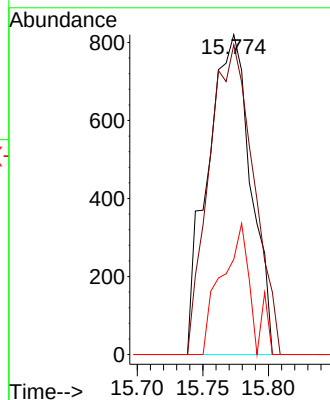
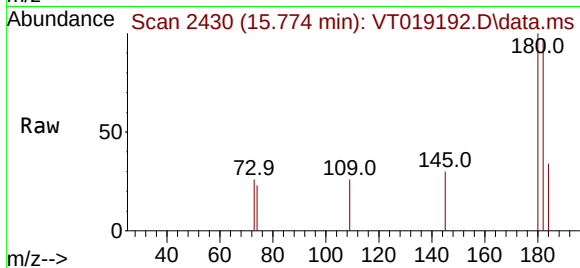




#93
1,2,4-Trichlorobenzene
Concen: 1.008 ug/l
RT: 15.774 min Scan# 2430
Delta R.T. 0.001 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

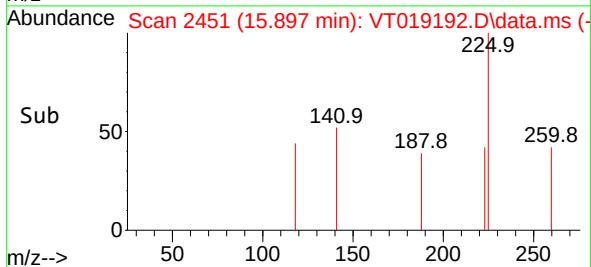
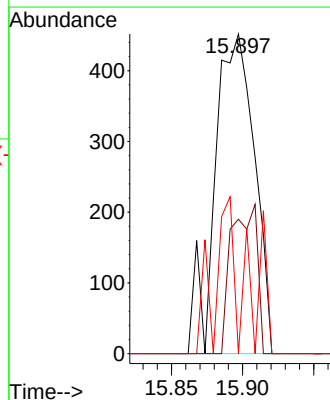
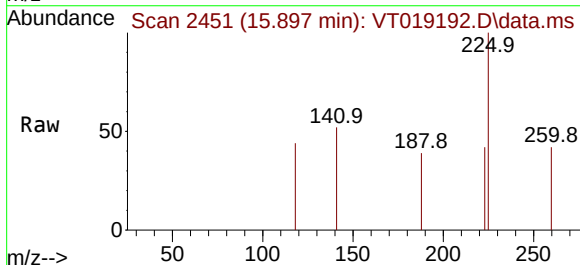
Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

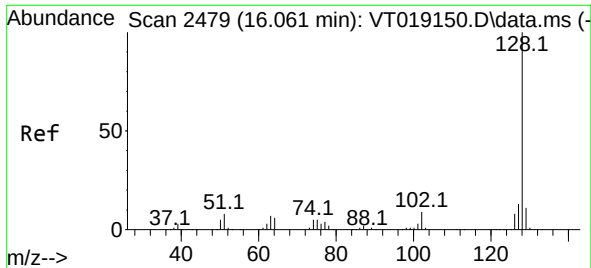
Tgt Ion:180 Resp: 1873
Ion Ratio Lower Upper
180 100
182 99.8 47.0 141.0
145 28.1 15.0 45.0



#94
Hexachlorobutadiene
Concen: 1.139 ug/l
RT: 15.897 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion:225 Resp: 873
Ion Ratio Lower Upper
225 100
223 30.4 31.1 93.5#
227 23.3 31.9 95.9#

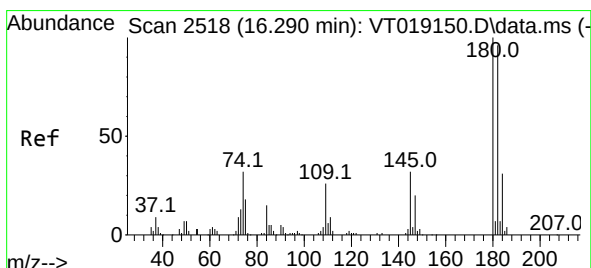
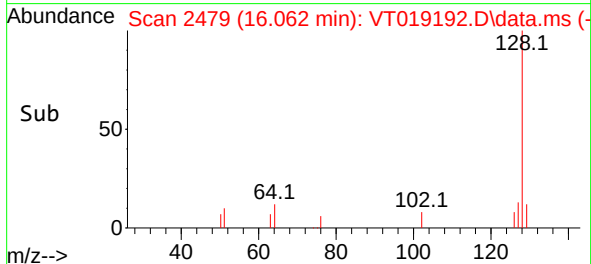
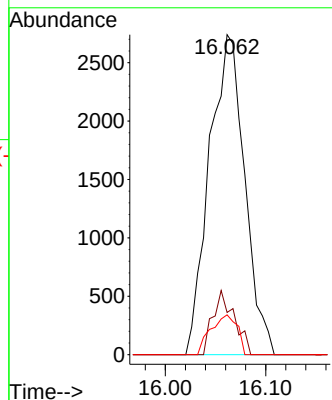
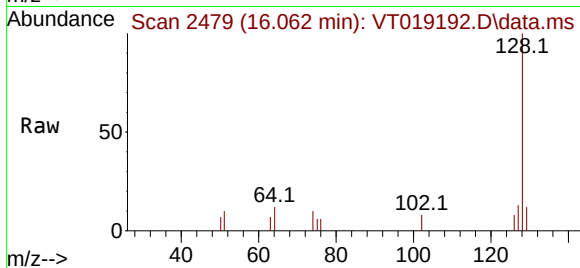




#95
Naphthalene
Concen: 1.029 ug/l
RT: 16.062 min Scan# 2479
Delta R.T. 0.001 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Instrument :
MSVOA_T
ClientSampleId :
VSTDIC001

Tgt Ion:	128	Resp:	6693
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.5	15.7
129	9.3	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.034 ug/l
RT: 16.302 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VT019192.D
Acq: 29 Oct 2025 8:59

Tgt Ion:	180	Resp:	1895
Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.6	142.8
145	20.9	15.8	47.4

