

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
 Data File : VT019223.D
 Acq On : 31 Oct 2025 12:23
 Operator : SY/MD
 Sample : VT1031WBSD01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1031WBSD01

Quant Time: Nov 01 05:20:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 31 04:36:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.618	168	140519	50.000	ug/l	0.07
34) 1,4-Difluorobenzene	8.605	114	249167	50.000	ug/l	0.06
63) Chlorobenzene-d5	11.778	117	204647	50.000	ug/l	0.05
72) 1,4-Dichlorobenzene-d4	13.981	152	99337	50.000	ug/l	0.05
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.000	65	110018	48.675	ug/l	0.07
Spiked Amount 50.000			Recovery	=	97.360%	
35) Dibromofluoromethane	7.536	113	76251	48.385	ug/l	0.07
Spiked Amount 50.000			Recovery	=	96.780%	
50) Toluene-d8	10.280	98	301522	47.116	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.240%	
62) 4-Bromofluorobenzene	12.912	95	94720	47.081	ug/l	0.05
Spiked Amount 50.000			Recovery	=	94.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.895	85	15536	18.774	ug/l	91
3) Chloromethane	2.089	50	6327	4.961	ug/l	98
4) Vinyl Chloride	2.219	62	30192	18.507	ug/l	95
5) Bromomethane	2.565	94	24739	28.152	ug/l	100
6) Chloroethane	2.706	64	28924	19.540	ug/l	98
7) Trichlorofluoromethane	3.012	101	53593	17.743	ug/l	97
8) Diethyl Ether	3.394	74	29484	20.352	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.711	101	29684	20.256	ug/l	91
10) Methyl Iodide	3.899	142	23072	19.446	ug/l	99
11) Tert butyl alcohol	4.710	59	60353	125.622	ug/l	99
12) 1,1-Dichloroethene	3.699	96	27966	20.654	ug/l	98
13) Acrolein	3.576	56	7321	89.327	ug/l	98
14) Allyl chloride	4.257	41	55741	20.874	ug/l	90
15) Acrylonitrile	4.892	53	131749	112.446	ug/l	100
16) Acetone	3.776	43	160176	113.728	ug/l	100
17) Carbon Disulfide	3.999	76	34182	18.573	ug/l	99
18) Methyl Acetate	4.263	43	103311	25.975	ug/l	98
19) Methyl tert-butyl Ether	4.957	73	131836	21.556	ug/l	98
20) Methylene Chloride	4.475	84	32281	21.362	ug/l	93
21) trans-1,2-Dichloroethene	4.945	96	23120	20.050	ug/l	97
22) Diisopropyl ether	5.844	45	131893	20.805	ug/l	93
23) Vinyl Acetate	5.791	43	466899	103.088	ug/l	100
24) 1,1-Dichloroethane	5.738	63	62019	20.912	ug/l	97
25) 2-Butanone	6.743	43	190737	110.329	ug/l	96
26) 2,2-Dichloropropane	6.725	77	52159	20.382	ug/l	100
27) cis-1,2-Dichloroethene	6.731	96	34311	21.204	ug/l	99
28) Bromochloromethane	7.119	49	32106	20.256	ug/l #	98
29) Tetrahydrofuran	7.136	42	112087	111.433	ug/l	91
30) Chloroform	7.301	83	59050	21.267	ug/l	99
31) Cyclohexane	7.601	56	40206	18.231	ug/l	94
32) 1,1,1-Trichloroethane	7.512	97	44970	20.347	ug/l	98
36) 1,1-Dichloropropene	7.747	75	33423	18.855	ug/l	99
37) Ethyl Acetate	6.843	43	64349	21.325	ug/l #	96
38) Carbon Tetrachloride	7.730	117	29612	18.373	ug/l	95
39) Methylcyclohexane	9.152	83	34490	17.610	ug/l	90
40) Benzene	8.012	78	118807	19.800	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.089	41	29974	19.744	ug/l #	88
42) 1,2-Dichloroethane	8.106	62	43708	20.729	ug/l	97
43) Isopropyl Acetate	8.147	43	101414	21.135	ug/l #	90
44) Trichloroethene	8.881	130	22891	19.516	ug/l	95
45) 1,2-Dichloropropane	9.193	63	31319	20.513	ug/l	97
46) Dibromomethane	9.299	93	19036	20.717	ug/l	94
47) Bromodichloromethane	9.510	83	42835	20.677	ug/l	98
48) Methyl methacrylate	9.287	41	45988	21.338	ug/l	92
49) 1,4-Dioxane	9.287	88	17061	421.463	ug/l	97
51) 4-Methyl-2-Pentanone	10.162	43	306385	106.021	ug/l	96
52) Toluene	10.356	92	68625	20.015	ug/l	97
53) t-1,3-Dichloropropene	10.609	75	46411	20.699	ug/l	94
54) cis-1,3-Dichloropropene	9.998	75	48551	20.911	ug/l	91
55) 1,1,2-Trichloroethane	10.820	97	29924	22.128	ug/l	99
56) Ethyl methacrylate	10.662	69	54701	21.049	ug/l	93
57) 1,3-Dichloropropane	10.979	76	51028	21.261	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.833	63	67050	95.869	ug/l	96
59) 2-Hexanone	11.026	43	228518	104.383	ug/l	93
60) Dibromochloromethane	11.208	129	29342	21.521	ug/l	100
61) 1,2-Dibromoethane	11.320	107	26707	21.209	ug/l	98
64) Tetrachloroethene	10.891	164	17961	19.309	ug/l	95
65) Chlorobenzene	11.807	112	73231	19.937	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.890	131	24774	19.700	ug/l	96
67) Ethyl Benzene	11.896	91	131820	19.195	ug/l	95
68) m/p-Xylenes	12.019	106	98285	38.746	ug/l	99
69) o-Xylene	12.395	106	49643	19.688	ug/l	97
70) Styrene	12.413	104	89356	19.680	ug/l	97
71) Bromoform	12.607	173	20078	20.880	ug/l #	99
73) Isopropylbenzene	12.736	105	131889	19.286	ug/l	98
74) N-amyl acetate	12.524	43	69005	20.004	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.024	83	49778	21.244	ug/l	97
76) 1,2,3-Trichloropropane	13.088	75	65596	32.089	ug/l #	100
77) Bromobenzene	13.053	156	28527	19.660	ug/l	87
78) n-propylbenzene	13.124	91	155787	19.175	ug/l	97
79) 2-Chlorotoluene	13.224	91	92277	19.825	ug/l	96
80) 1,3,5-Trimethylbenzene	13.282	105	107019	19.483	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.730	75	1685	1.934	ug/l #	70
82) 4-Chlorotoluene	13.335	91	93677	19.777	ug/l	99
83) tert-Butylbenzene	13.582	119	103084	20.276	ug/l	94
84) 1,2,4-Trimethylbenzene	13.635	105	109306	19.594	ug/l	99
85) sec-Butylbenzene	13.788	105	143652	19.264	ug/l	95
86) p-Isopropyltoluene	13.917	119	118390	19.015	ug/l	99
87) 1,3-Dichlorobenzene	13.917	146	58294	19.582	ug/l	100
88) 1,4-Dichlorobenzene	13.917	146	58294	19.439	ug/l	98
89) n-Butylbenzene	14.287	91	110651	19.240	ug/l	96
90) Hexachloroethane	14.604	117	18395	19.150	ug/l	93
91) 1,2-Dichlorobenzene	14.340	146	59072	20.255	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	15.045	75	10594	20.964	ug/l	97
93) 1,2,4-Trichlorobenzene	15.844	180	37218	19.842	ug/l	97
94) Hexachlorobutadiene	15.962	225	14674	18.968	ug/l	100
95) Naphthalene	16.132	128	141493	21.544	ug/l	99
96) 1,2,3-Trichlorobenzene	16.367	180	37931	20.497	ug/l	99

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Misc : 5.0mL/MSVOA_T/WATER
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
VT1031WBSD01

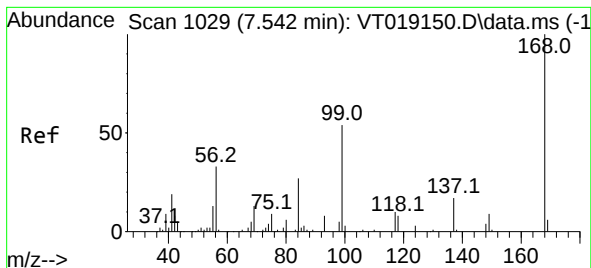
Quant Time: Nov 01 05:20:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 31 04:36:59 2025
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.618 min Scan# 1

Delta R.T. 0.070 min

Lab File: VT019223.D

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Instrument :

MSVOA_T

ClientSampleId :

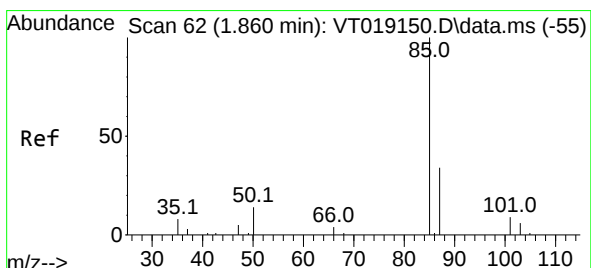
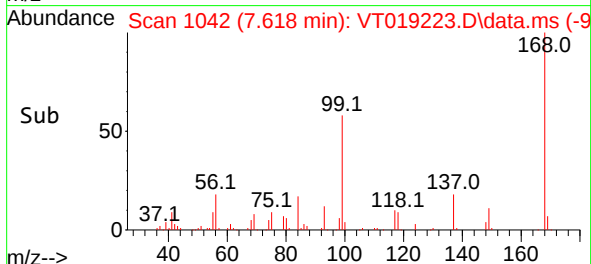
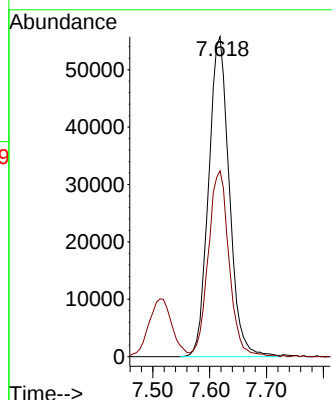
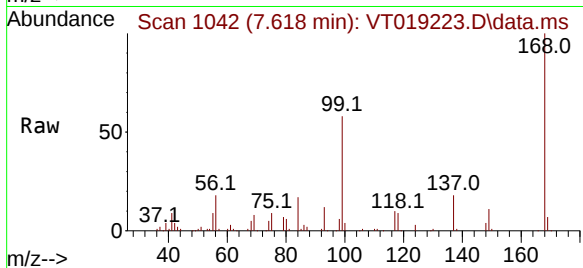
VT1031WBSD01

Tgt Ion:168 Resp: 140519

Ion Ratio Lower Upper

168 100

99 58.1 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 18.774 ug/l

RT: 1.895 min Scan# 68

Delta R.T. 0.023 min

Lab File: VT019223.D

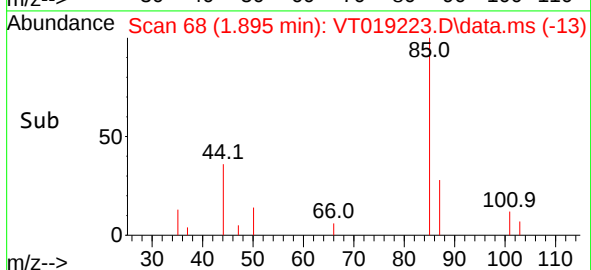
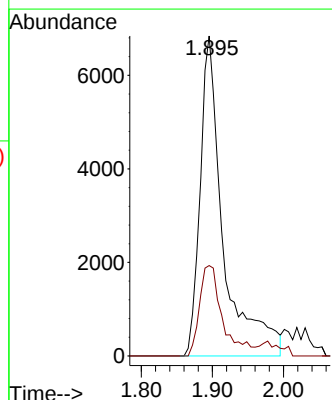
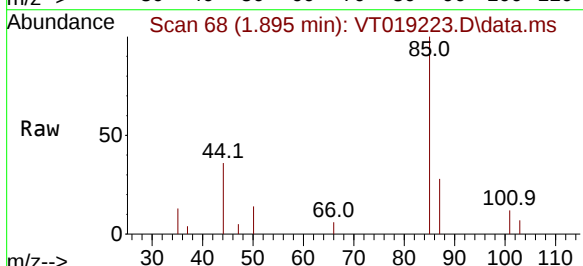
Acq: 31 Oct 2025 12:23

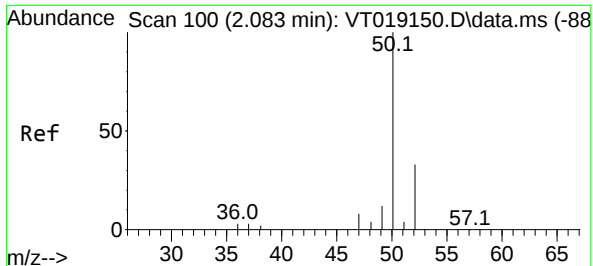
Tgt Ion: 85 Resp: 15536

Ion Ratio Lower Upper

85 100

87 28.2 16.8 50.4

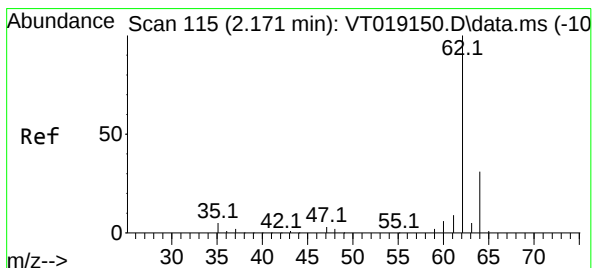
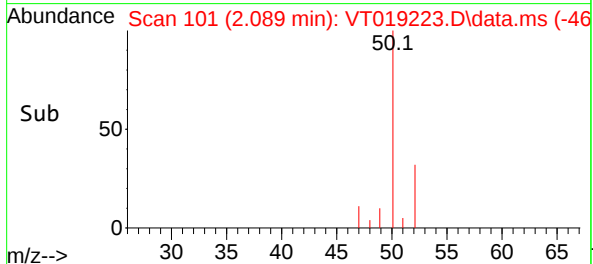
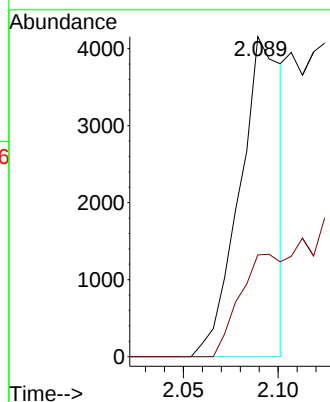
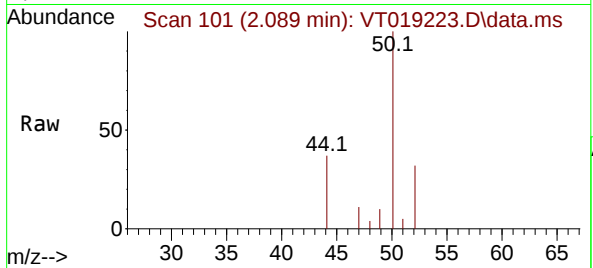




#3
Chloromethane
Concen: 4.961 ug/l
RT: 2.089 min Scan# 10
Delta R.T. 0.023 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

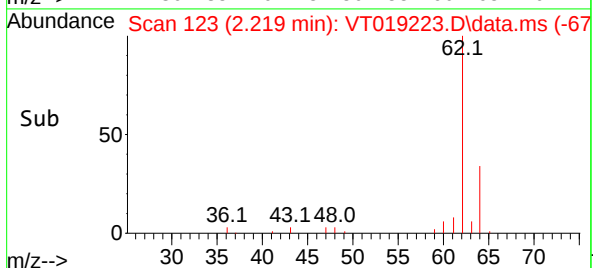
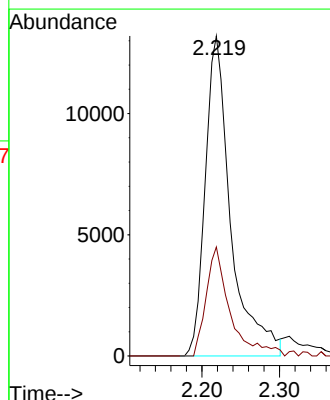
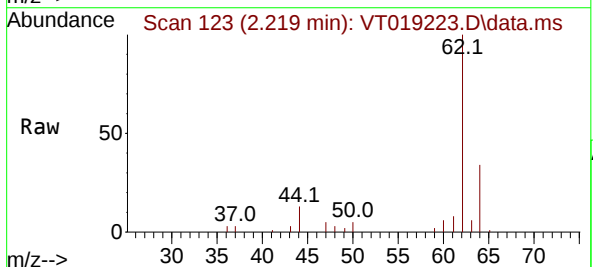
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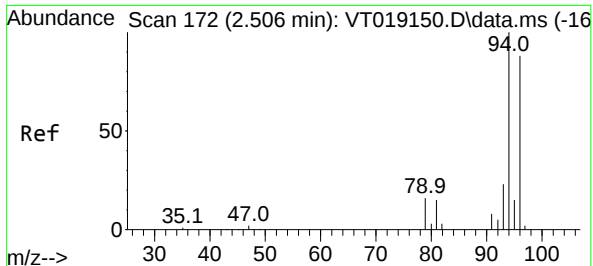
Tgt Ion: 50 Resp: 6327
Ion Ratio Lower Upper
50 100
52 31.8 26.5 39.7



#4
Vinyl Chloride
Concen: 18.507 ug/l
RT: 2.219 min Scan# 123
Delta R.T. 0.030 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 62 Resp: 30192
Ion Ratio Lower Upper
62 100
64 34.1 25.2 37.8

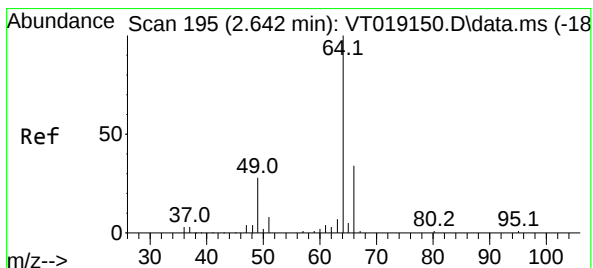
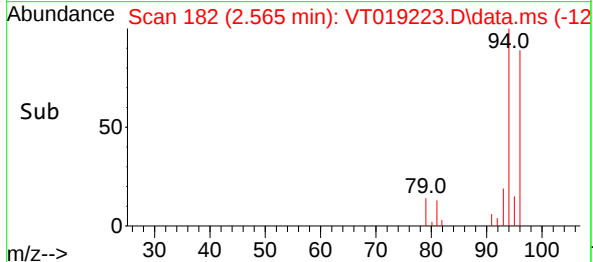
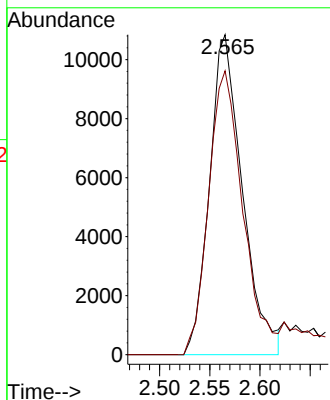
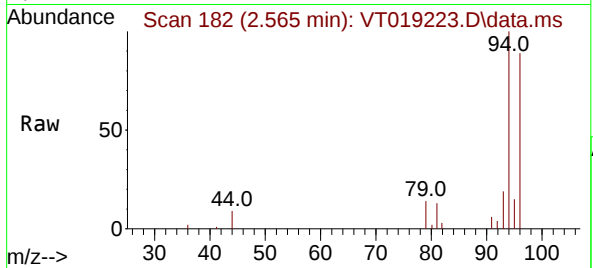




#5
Bromomethane
Concen: 28.152 ug/l
RT: 2.565 min Scan# 11
Delta R.T. 0.047 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

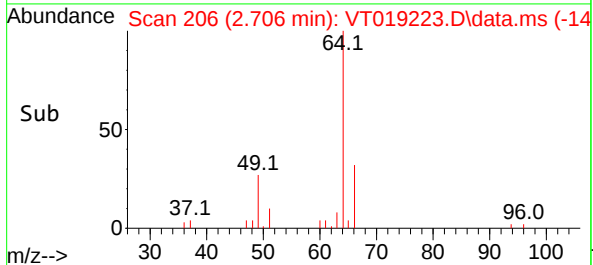
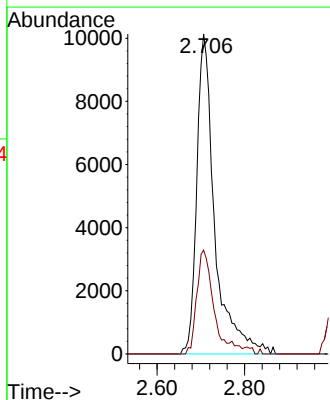
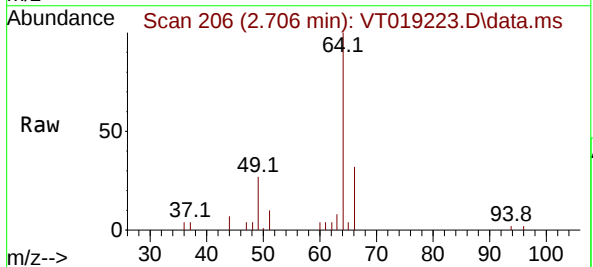
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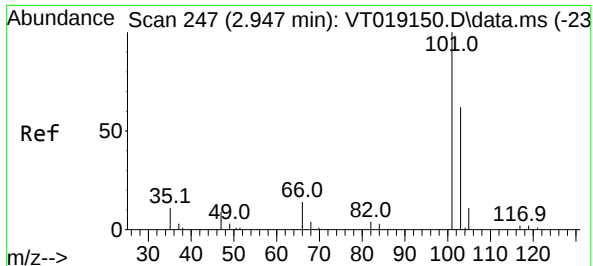
Tgt Ion: 94 Resp: 24739
Ion Ratio Lower Upper
94 100
96 88.7 70.8 106.2



#6
Chloroethane
Concen: 19.540 ug/l
RT: 2.706 min Scan# 206
Delta R.T. 0.047 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 64 Resp: 28924
Ion Ratio Lower Upper
64 100
66 32.5 26.9 40.3

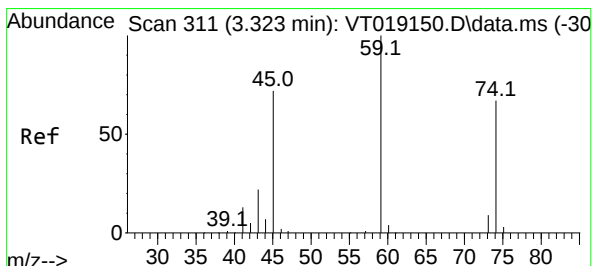
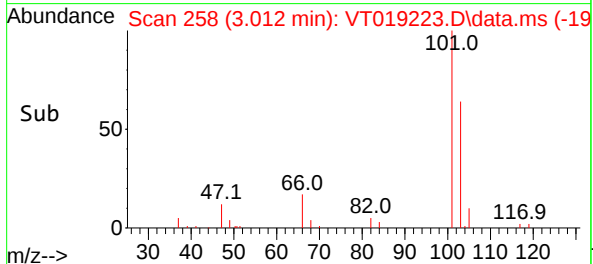
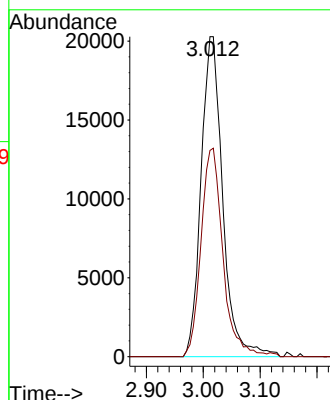
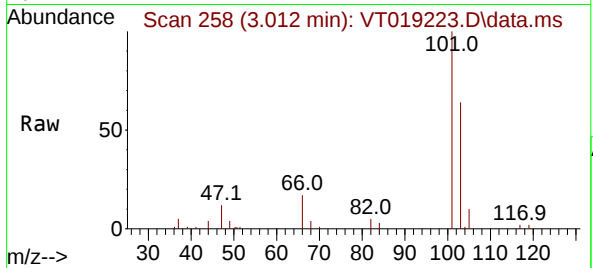




#7
Trichlorofluoromethane
Concen: 17.743 ug/l
RT: 3.012 min Scan# 21
Delta R.T. 0.047 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

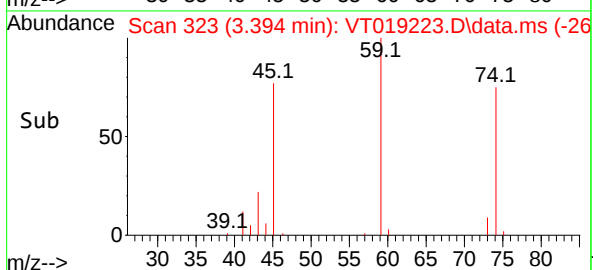
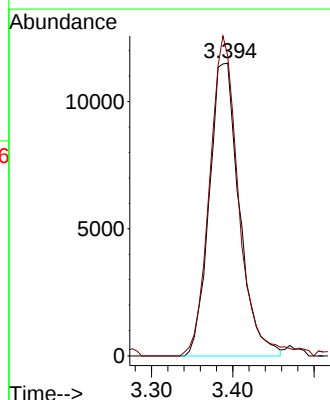
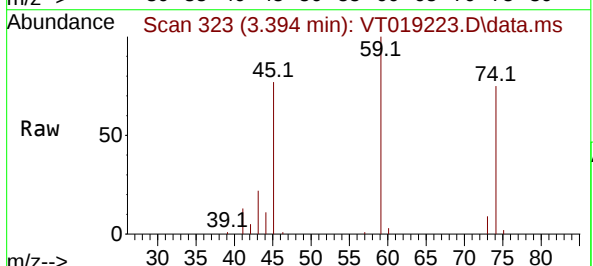
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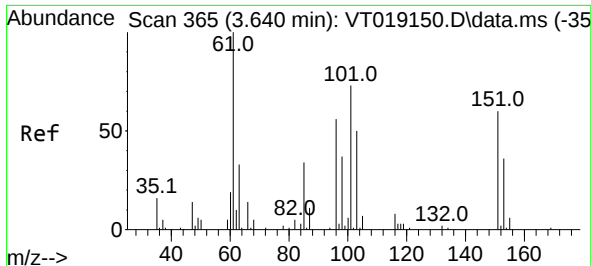
Tgt Ion:101 Resp: 53593
Ion Ratio Lower Upper
101 100
103 64.4 49.9 74.9



#8
Diethyl Ether
Concen: 20.352 ug/l
RT: 3.394 min Scan# 323
Delta R.T. 0.059 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 74 Resp: 29484
Ion Ratio Lower Upper
74 100
45 105.6 52.3 156.8

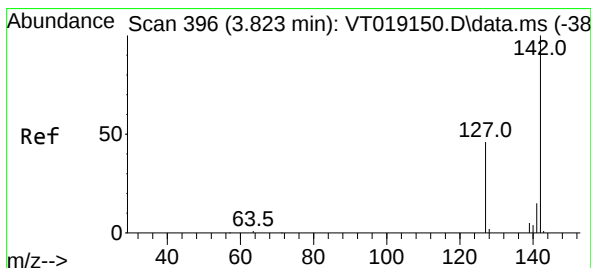
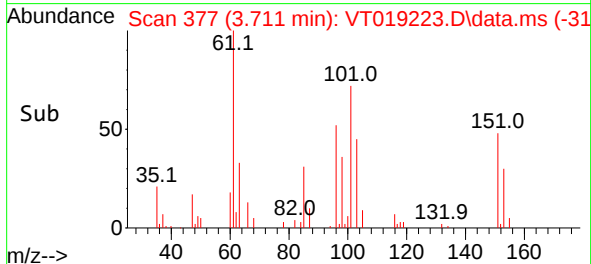
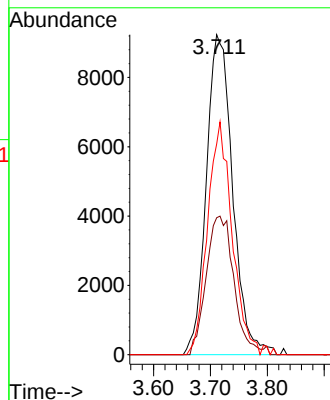
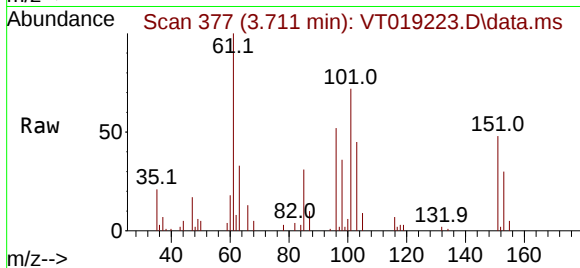




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.256 ug/l
RT: 3.711 min Scan# 31
Delta R.T. 0.059 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

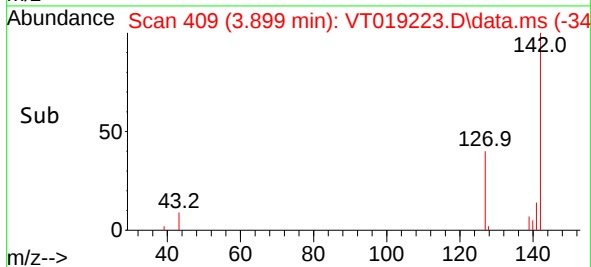
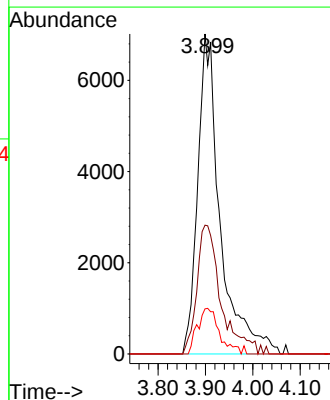
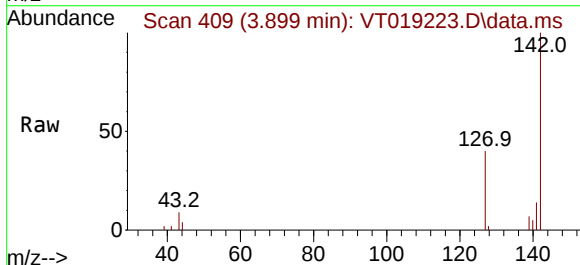
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

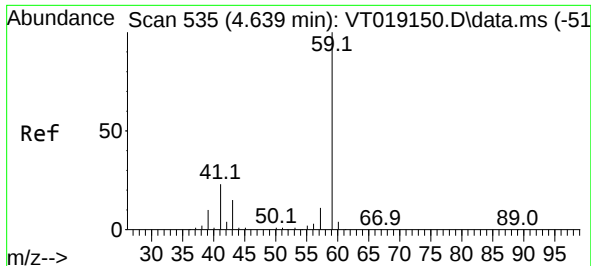
Tgt Ion:101 Resp: 29684
Ion Ratio Lower Upper
101 100
85 45.8 37.0 55.6
151 67.7 63.8 95.6



#10
Methyl Iodide
Concen: 19.446 ug/l
RT: 3.899 min Scan# 409
Delta R.T. 0.059 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion:142 Resp: 23072
Ion Ratio Lower Upper
142 100
127 43.2 35.0 52.4
141 13.9 11.4 17.2

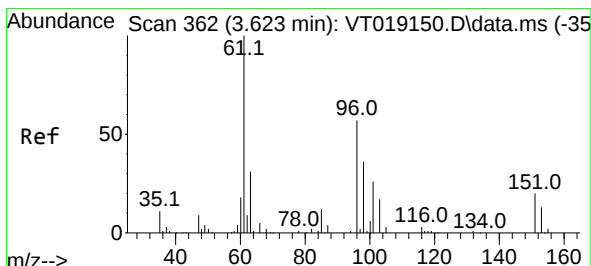
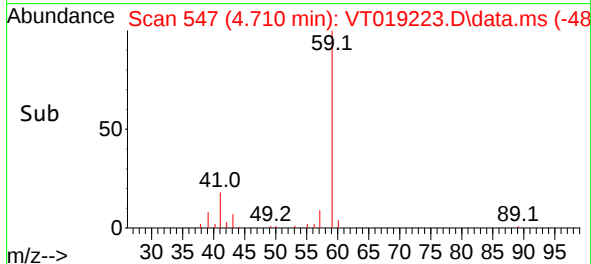
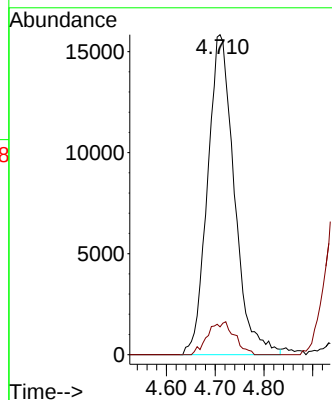
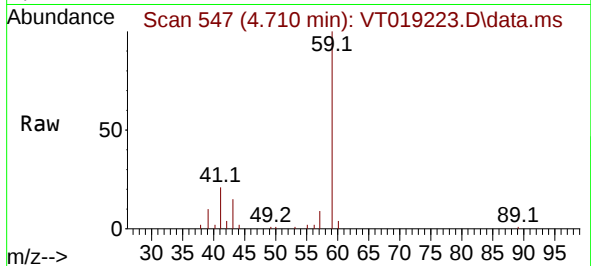




#11
Tert butyl alcohol
Concen: 125.622 ug/l
RT: 4.710 min Scan# 54
Delta R.T. 0.071 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

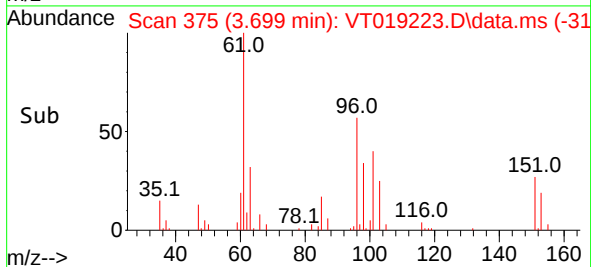
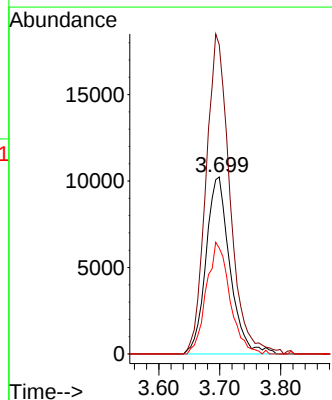
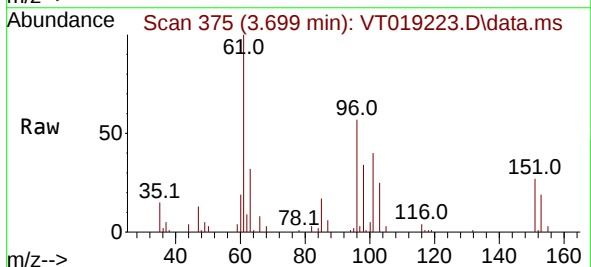
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

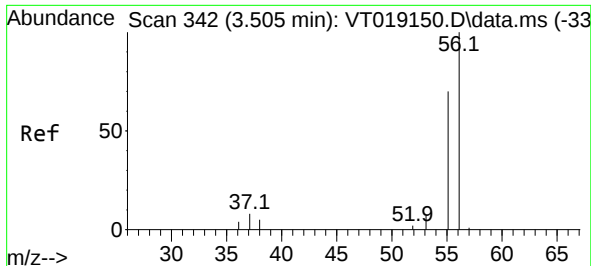
Tgt Ion: 59 Resp: 60353
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.654 ug/l
RT: 3.699 min Scan# 375
Delta R.T. 0.064 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 96 Resp: 27966
Ion Ratio Lower Upper
96 100
61 174.7 141.4 212.2
98 59.9 50.7 76.1





#13

Acrolein

Concen: 89.327 ug/l

RT: 3.576 min Scan# 31

Delta R.T. 0.059 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

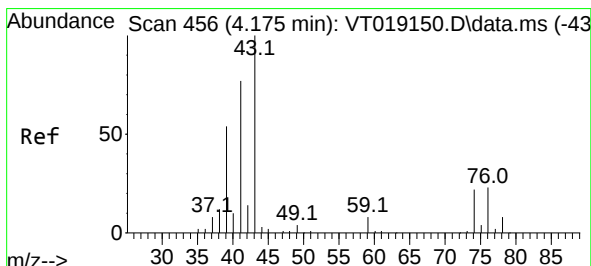
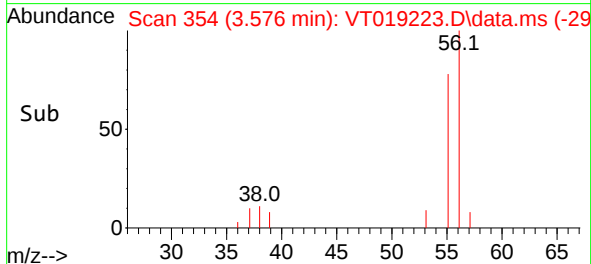
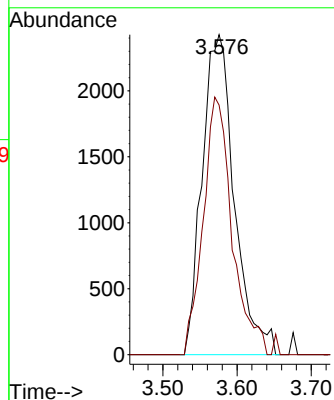
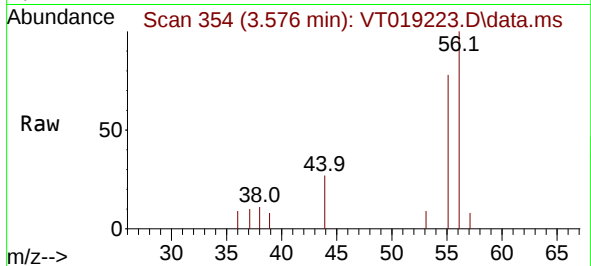
VT1031WBSD01

Tgt Ion: 56 Resp: 7321

Ion Ratio Lower Upper

56 100

55 72.3 59.4 89.0



#14

Allyl chloride

Concen: 20.874 ug/l

RT: 4.257 min Scan# 470

Delta R.T. 0.070 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

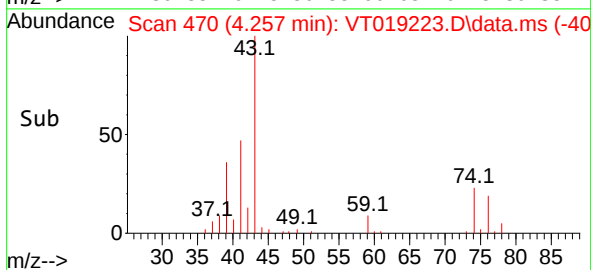
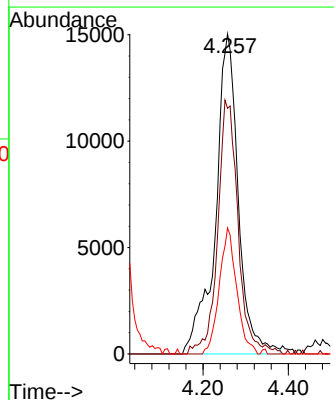
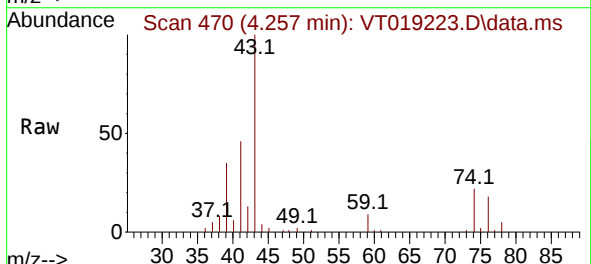
Tgt Ion: 41 Resp: 55741

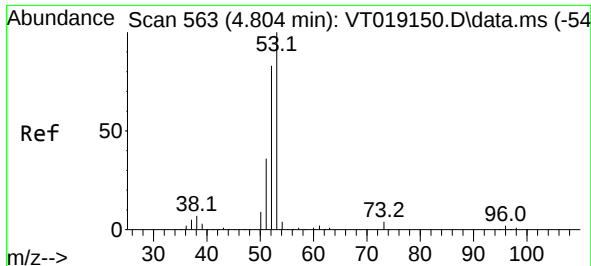
Ion Ratio Lower Upper

41 100

39 71.0 49.9 74.9

76 30.1 20.8 31.2

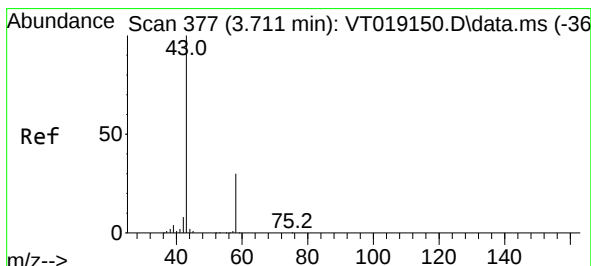
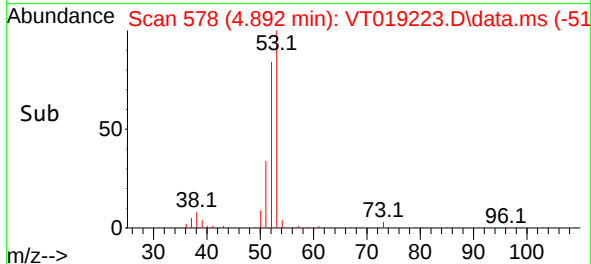
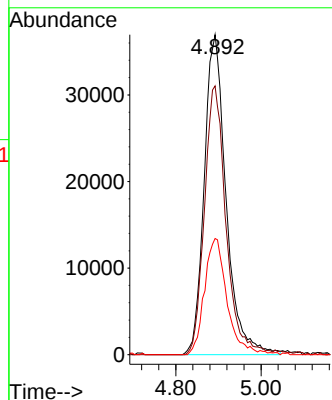
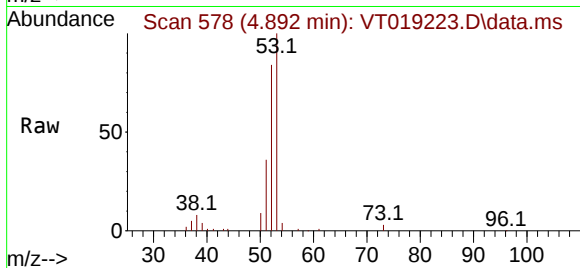




#15
Acrylonitrile
Concen: 112.446 ug/l
RT: 4.892 min Scan# 51
Delta R.T. 0.076 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

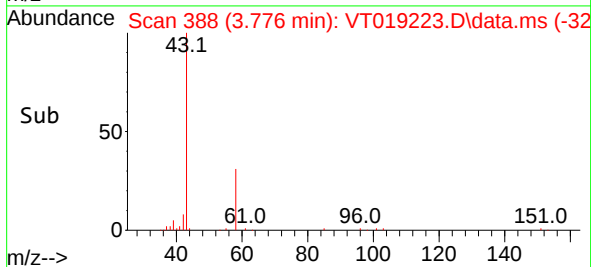
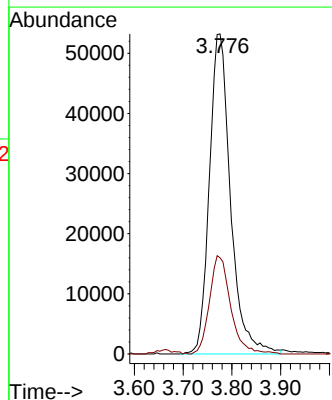
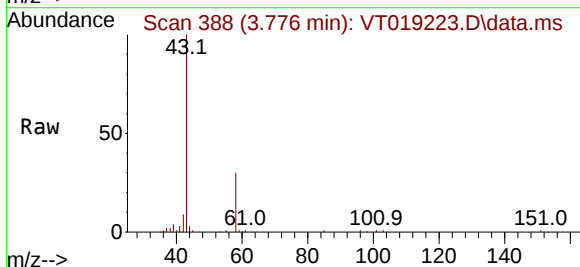
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

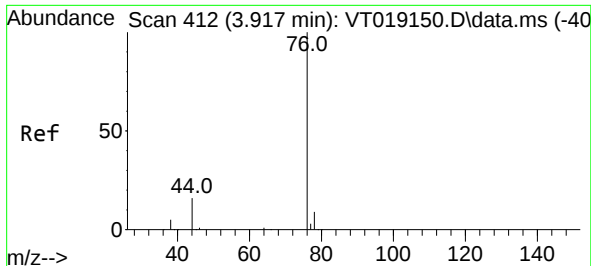
Tgt Ion: 53 Resp: 131749
Ion Ratio Lower Upper
53 100
52 82.8 65.9 98.9
51 36.9 29.4 44.2



#16
Acetone
Concen: 113.728 ug/l
RT: 3.776 min Scan# 388
Delta R.T. 0.059 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 43 Resp: 160176
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.8





#17

Carbon Disulfide

Concen: 18.573 ug/l

RT: 3.999 min Scan# 41

Delta R.T. 0.065 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

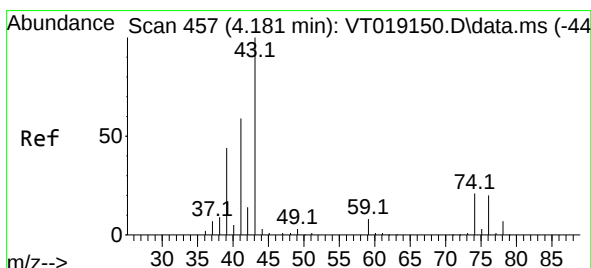
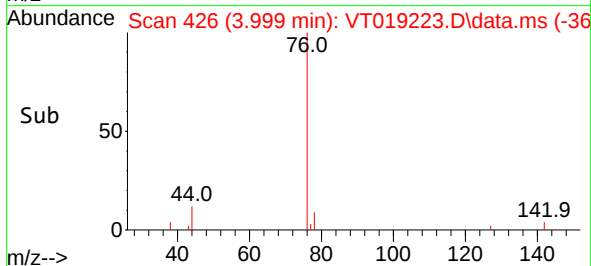
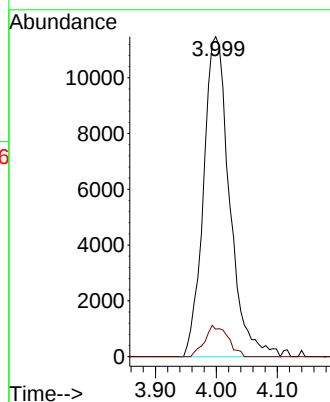
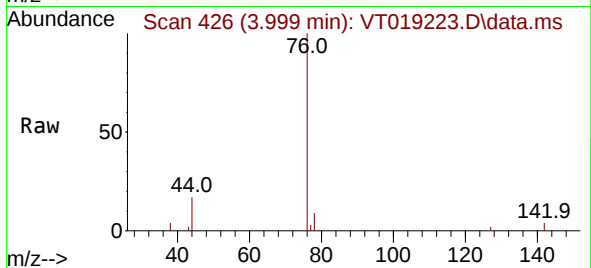
VT1031WBSD01

Tgt Ion: 76 Resp: 34182

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7



#18

Methyl Acetate

Concen: 25.975 ug/l

RT: 4.263 min Scan# 471

Delta R.T. 0.070 min

Lab File: VT019223.D

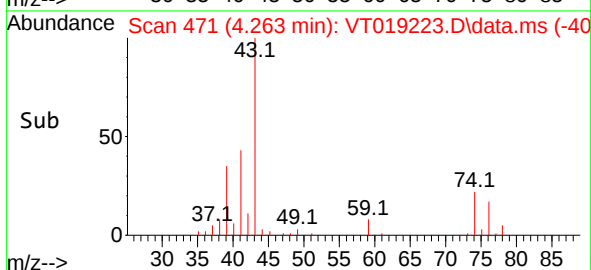
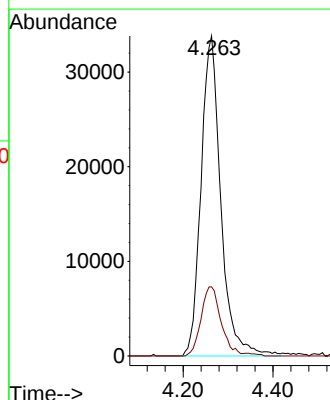
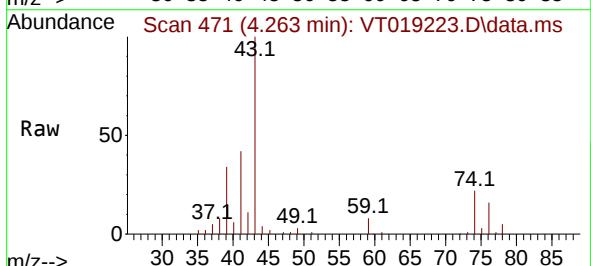
Acq: 31 Oct 2025 12:23

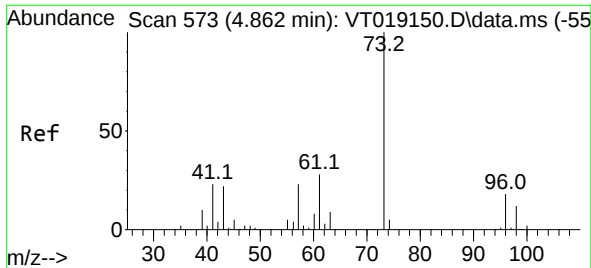
Tgt Ion: 43 Resp: 103311

Ion Ratio Lower Upper

43 100

74 21.8 16.7 25.1

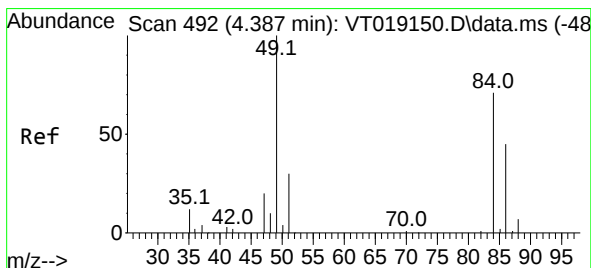
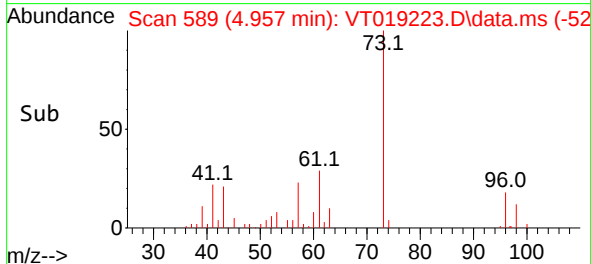
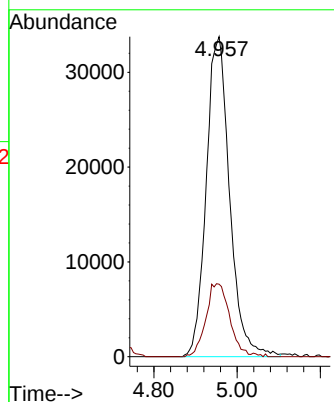
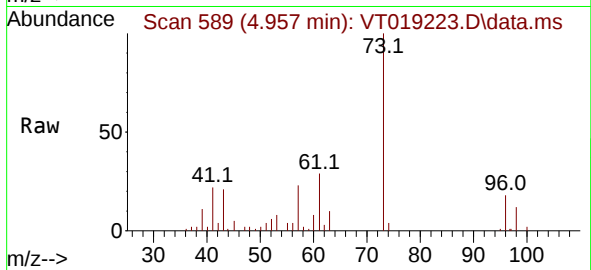




#19
Methyl tert-butyl Ether
Concen: 21.556 ug/l
RT: 4.957 min Scan# 51
Delta R.T. 0.089 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

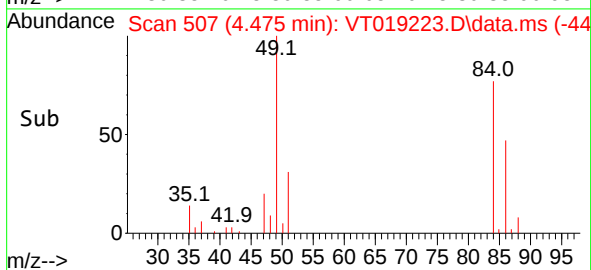
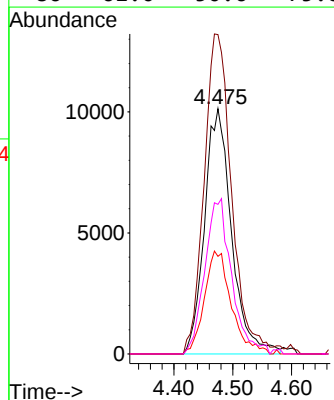
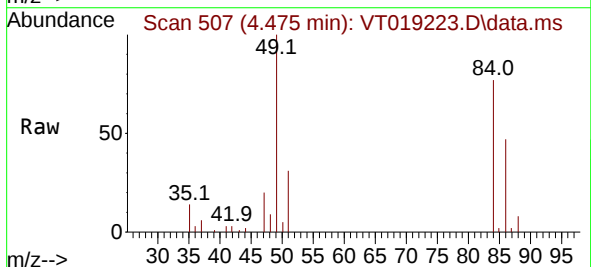
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

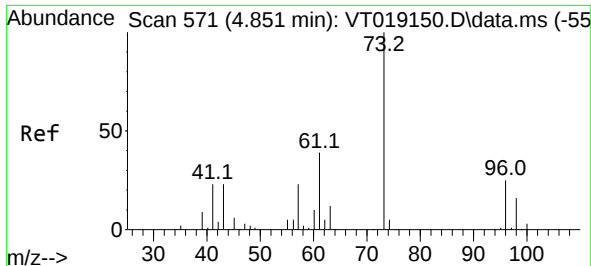
Tgt Ion: 73 Resp: 131836
Ion Ratio Lower Upper
73 100
57 22.7 18.8 28.2



#20
Methylene Chloride
Concen: 21.362 ug/l
RT: 4.475 min Scan# 507
Delta R.T. 0.077 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 84 Resp: 32281
Ion Ratio Lower Upper
84 100
49 130.3 113.1 169.7
51 39.8 33.6 50.4
86 61.0 50.6 75.8

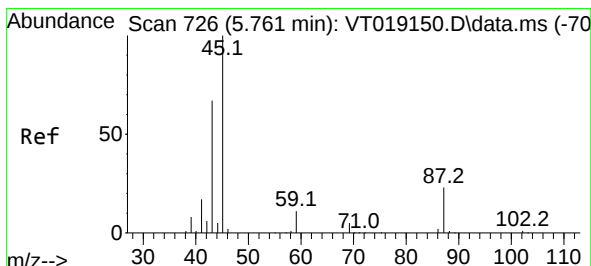
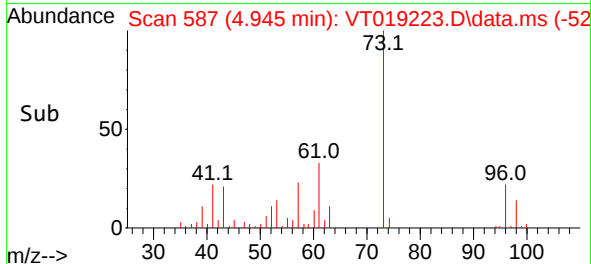
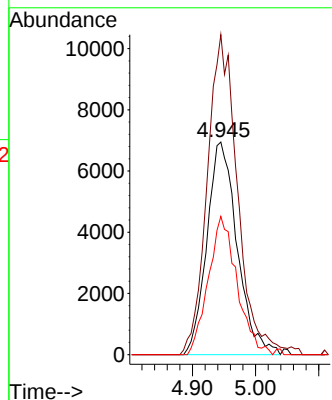
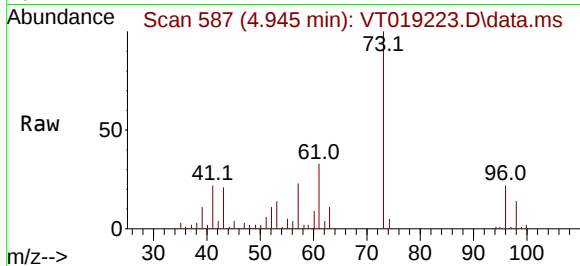




#21
trans-1,2-Dichloroethene
Concen: 20.050 ug/l
RT: 4.945 min Scan# 51
Delta R.T. 0.083 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

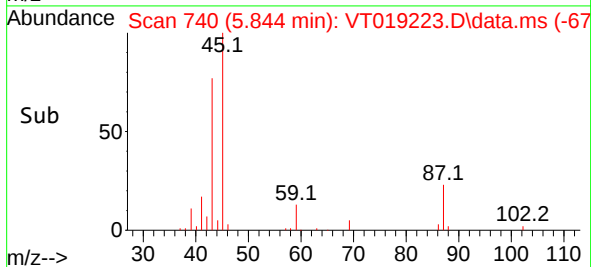
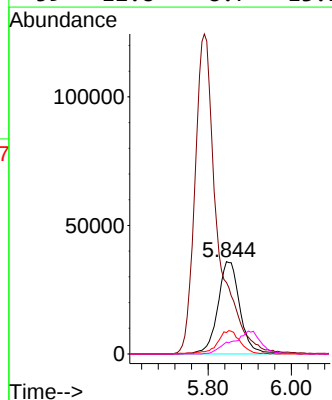
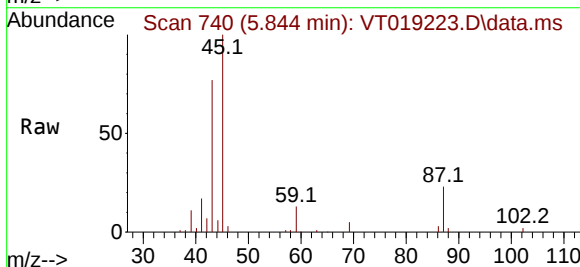
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

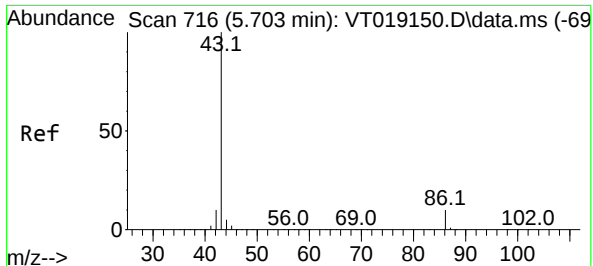
Tgt Ion: 96 Resp: 23120
Ion Ratio Lower Upper
96 100
61 150.5 124.6 187.0
98 65.0 50.9 76.3



#22
Diisopropyl ether
Concen: 20.805 ug/l
RT: 5.844 min Scan# 740
Delta R.T. 0.071 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 45 Resp: 131893
Ion Ratio Lower Upper
45 100
43 75.1 54.2 81.4
87 23.2 18.9 28.3
59 12.8 8.7 13.1

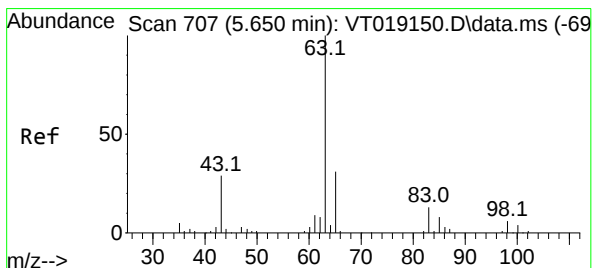
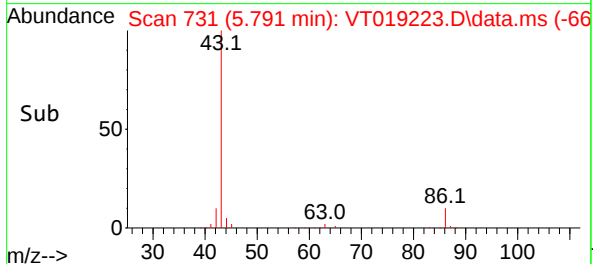
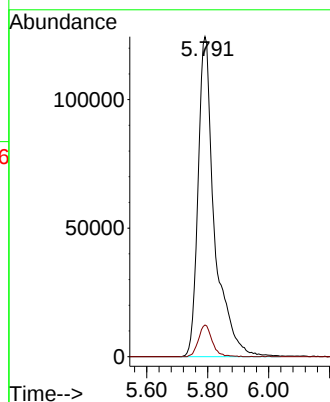
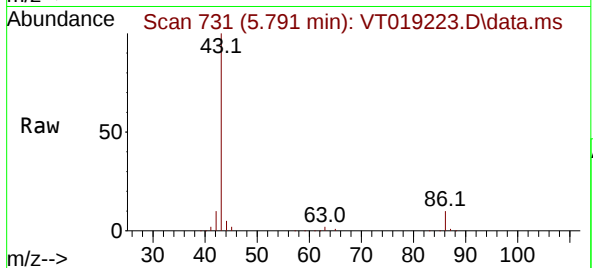




#23
 Vinyl Acetate
 Concen: 103.088 ug/l
 RT: 5.791 min Scan# 716
 Delta R.T. 0.082 min
 Lab File: VT019223.D
 Acq: 31 Oct 2025 12:23

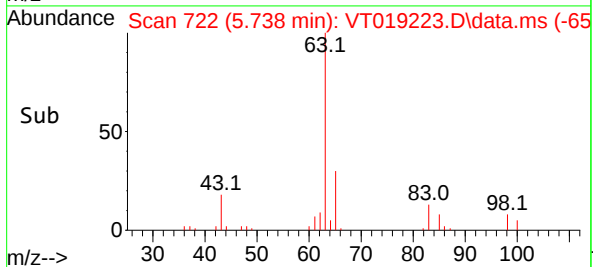
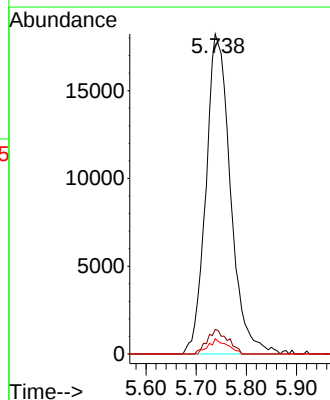
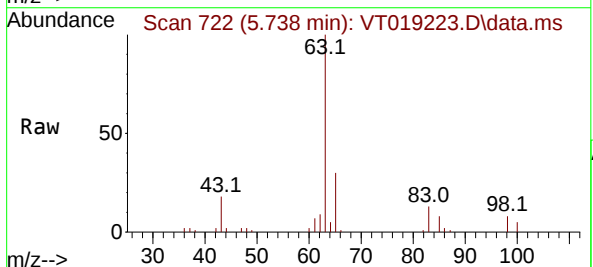
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1031WBSD01

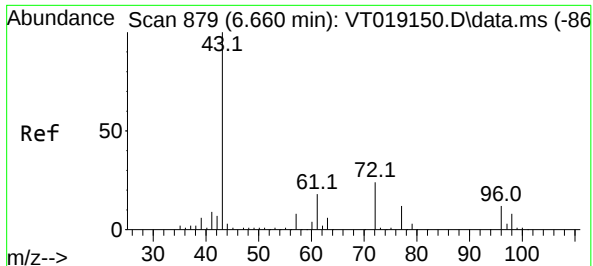
Tgt Ion: 43 Resp: 466899
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.6



#24
 1,1-Dichloroethane
 Concen: 20.912 ug/l
 RT: 5.738 min Scan# 722
 Delta R.T. 0.076 min
 Lab File: VT019223.D
 Acq: 31 Oct 2025 12:23

Tgt Ion: 63 Resp: 62019
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 4.7 2.0 6.0





#25

2-Butanone

Concen: 110.329 ug/l

RT: 6.743 min Scan# 890

Delta R.T. 0.077 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

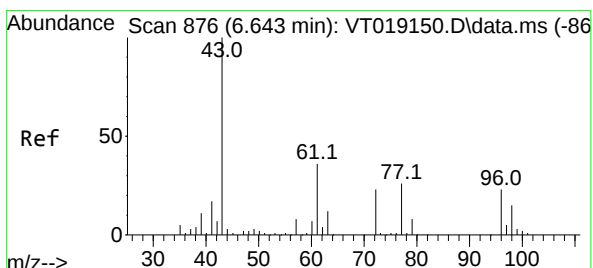
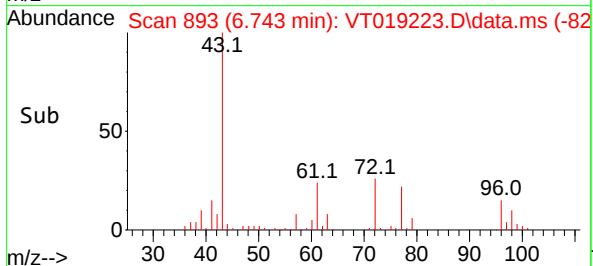
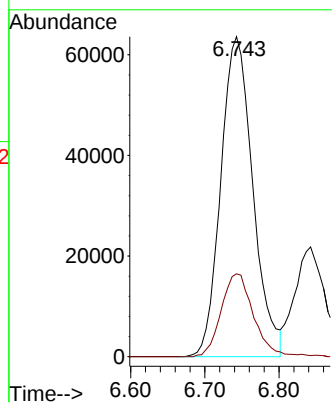
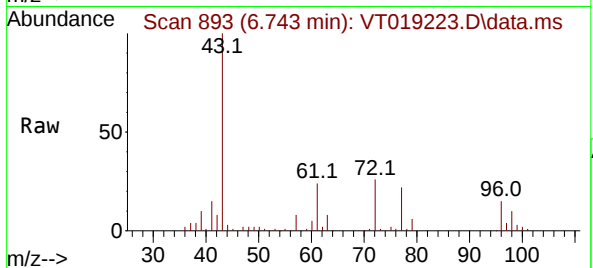
VT1031WBSD01

Tgt Ion: 43 Resp: 190737

Ion Ratio Lower Upper

43 100

72 25.9 19.0 28.6



#26

2,2-Dichloropropane

Concen: 20.382 ug/l

RT: 6.725 min Scan# 890

Delta R.T. 0.070 min

Lab File: VT019223.D

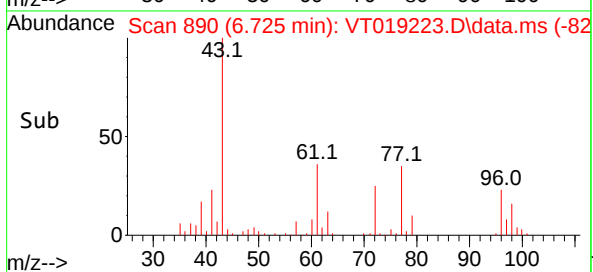
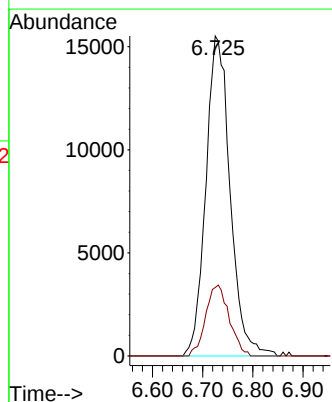
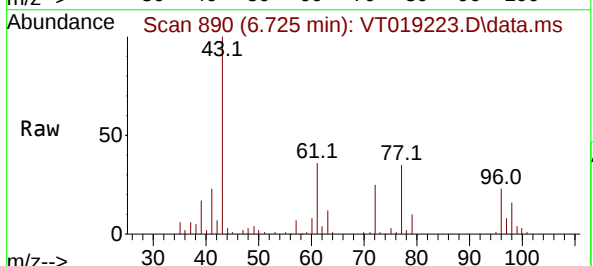
Acq: 31 Oct 2025 12:23

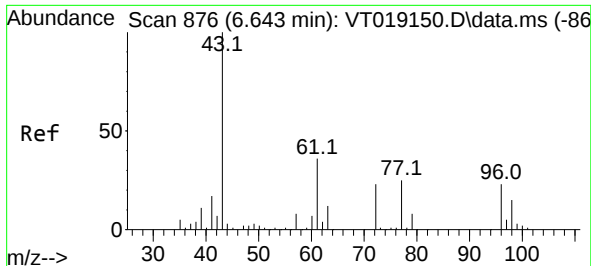
Tgt Ion: 77 Resp: 52159

Ion Ratio Lower Upper

77 100

97 21.4 10.7 32.1

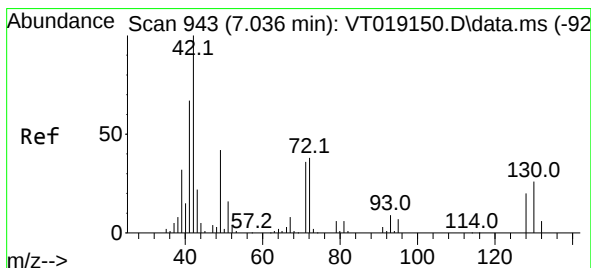
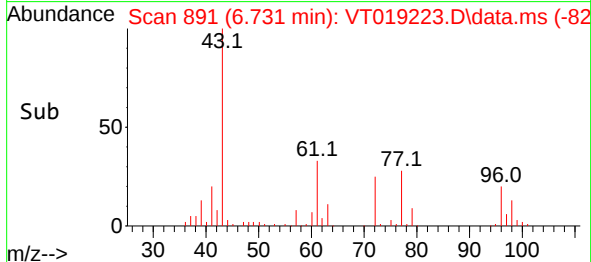
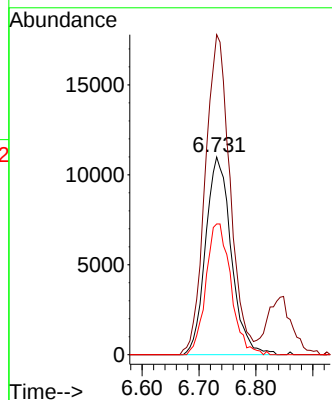
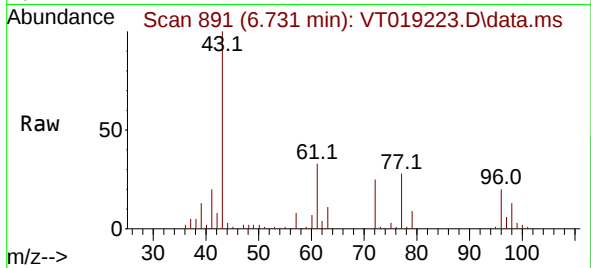




#27
 cis-1,2-Dichloroethene
 Concen: 21.204 ug/l
 RT: 6.731 min Scan# 891
 Delta R.T. 0.076 min
 Lab File: VT019223.D
 Acq: 31 Oct 2025 12:23

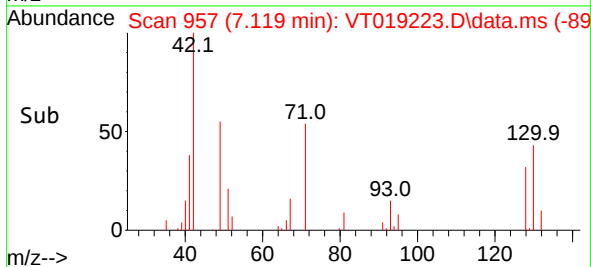
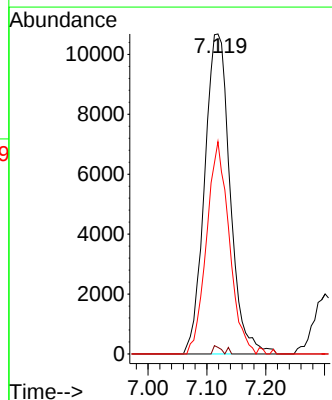
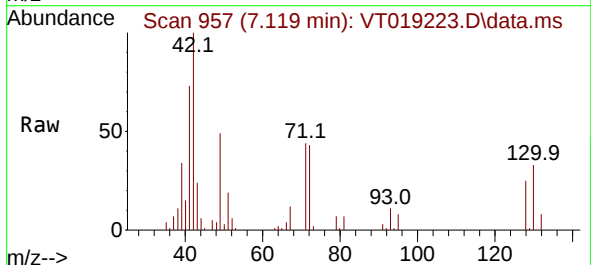
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1031WBSD01

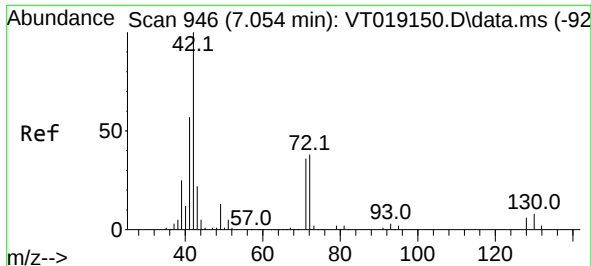
Tgt Ion: 96 Resp: 34311
 Ion Ratio Lower Upper
 96 100
 61 156.8 0.0 309.0
 98 64.8 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.256 ug/l
 RT: 7.119 min Scan# 957
 Delta R.T. 0.077 min
 Lab File: VT019223.D
 Acq: 31 Oct 2025 12:23

Tgt Ion: 49 Resp: 32106
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 0.0#
 130 59.0 48.6 73.0





#29

Tetrahydrofuran

Concen: 111.433 ug/l

RT: 7.136 min Scan# 910

Delta R.T. 0.070 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

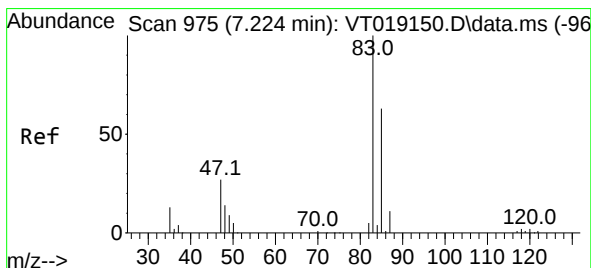
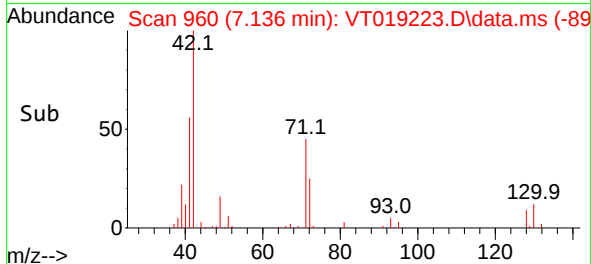
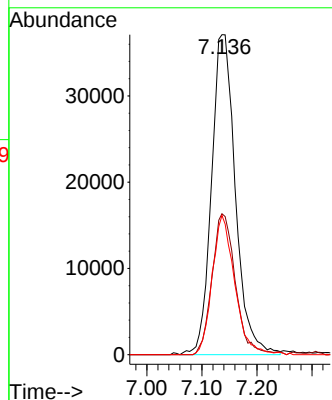
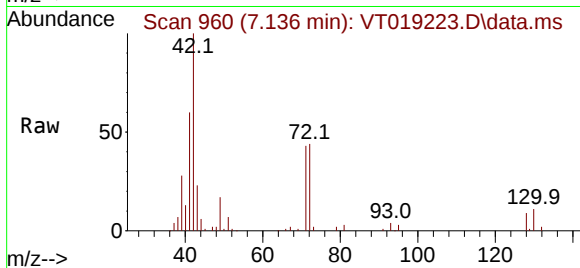
Tgt Ion: 42 Resp: 112087

Ion Ratio Lower Upper

42 100

72 42.8 30.1 45.1

71 41.0 28.4 42.6



#30

Chloroform

Concen: 21.267 ug/l

RT: 7.301 min Scan# 988

Delta R.T. 0.071 min

Lab File: VT019223.D

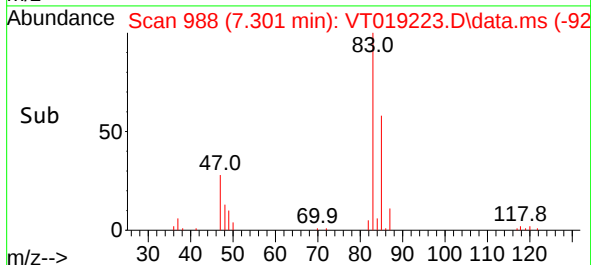
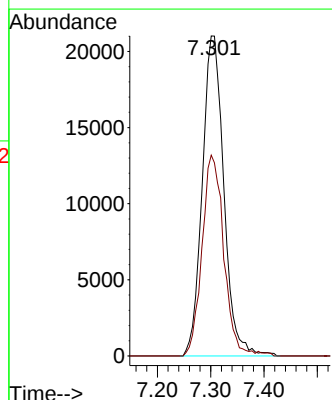
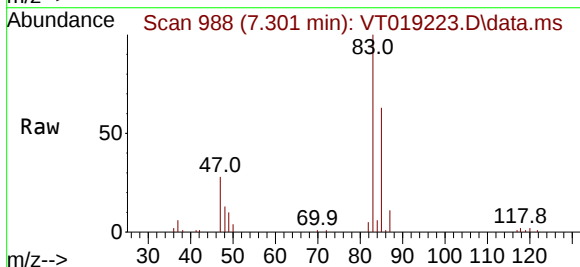
Acq: 31 Oct 2025 12:23

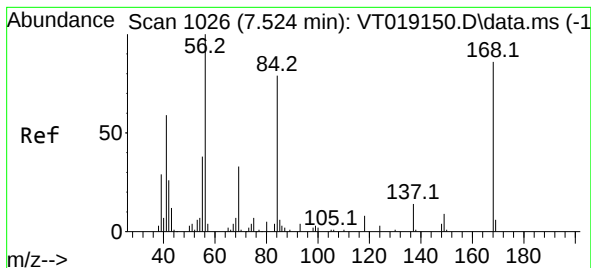
Tgt Ion: 83 Resp: 59050

Ion Ratio Lower Upper

83 100

85 62.7 50.6 76.0





#31

Cyclohexane

Concen: 18.231 ug/l

RT: 7.601 min Scan# 1026

Delta R.T. 0.065 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

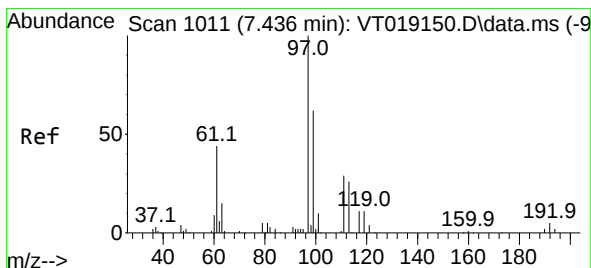
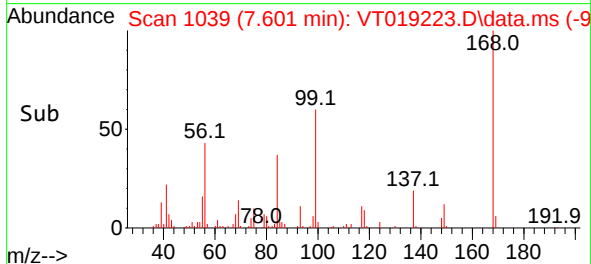
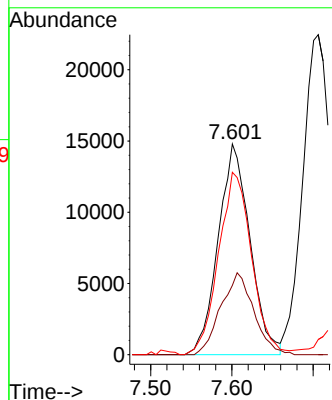
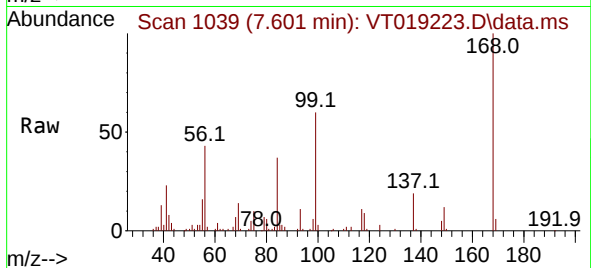
Tgt Ion: 56 Resp: 40206

Ion Ratio Lower Upper

56 100

69 32.9 26.1 39.1

84 86.5 63.6 95.4



#32

1,1,1-Trichloroethane

Concen: 20.347 ug/l

RT: 7.512 min Scan# 1024

Delta R.T. 0.070 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

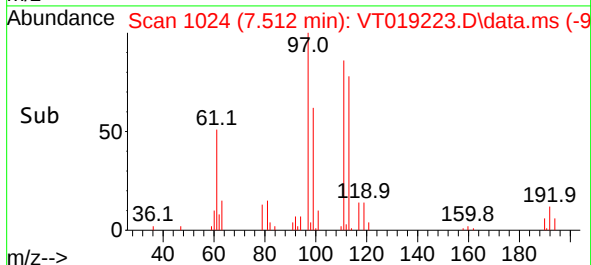
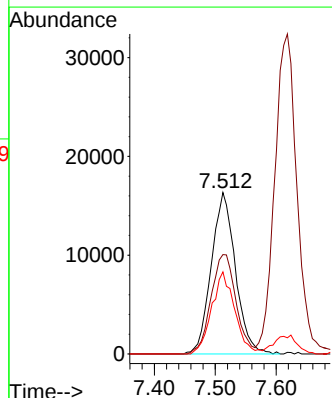
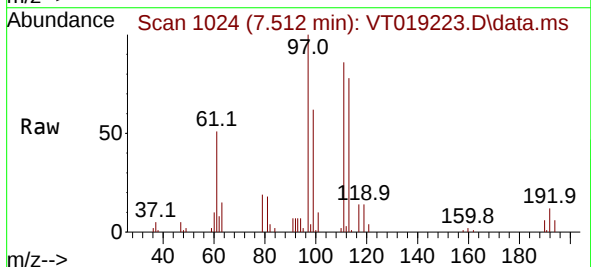
Tgt Ion: 97 Resp: 44970

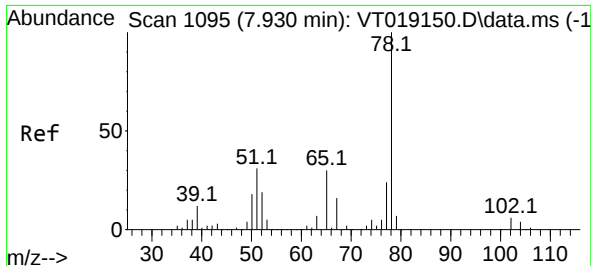
Ion Ratio Lower Upper

97 100

99 63.8 50.5 75.7

61 48.8 37.1 55.7

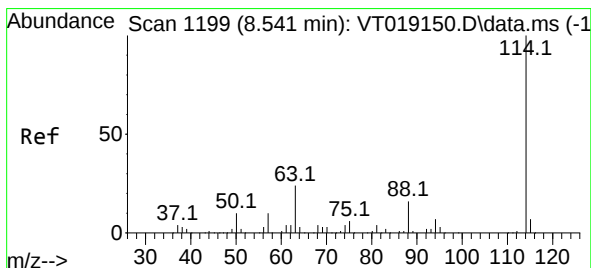
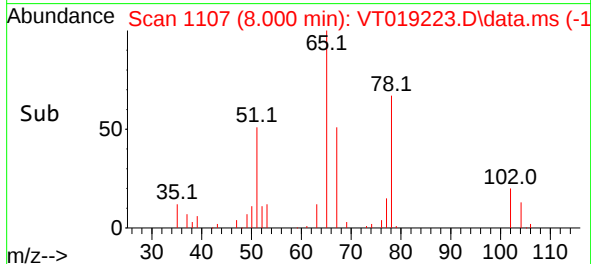
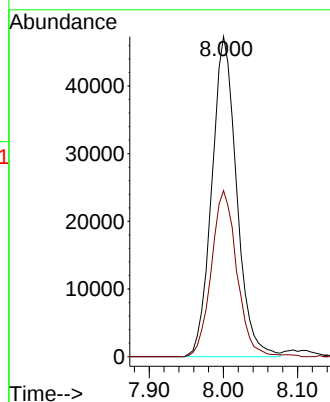
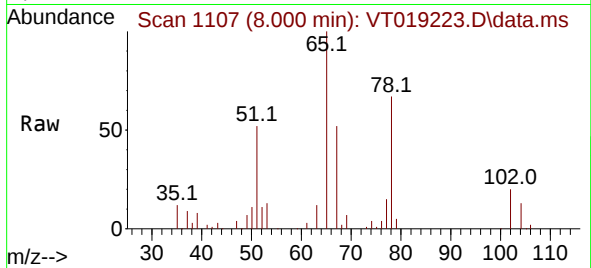




#33
 1,2-Dichloroethane-d4
 Concen: 48.675 ug/l
 RT: 8.000 min Scan# 1107
 Delta R.T. 0.065 min
 Lab File: VT019223.D
 Acq: 31 Oct 2025 12:23

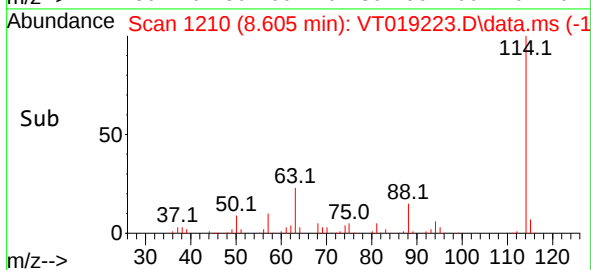
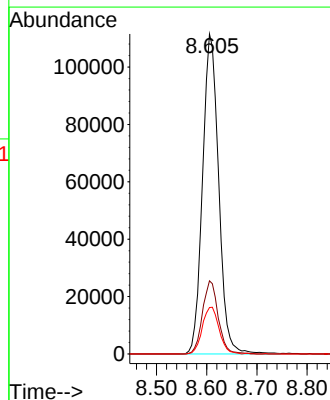
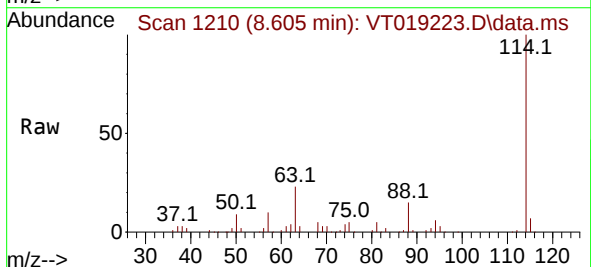
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1031WBSD01

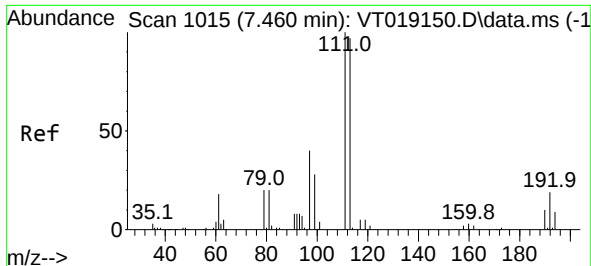
Tgt Ion: 65 Resp: 110018
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.605 min Scan# 1210
 Delta R.T. 0.058 min
 Lab File: VT019223.D
 Acq: 31 Oct 2025 12:23

Tgt Ion: 114 Resp: 249167
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 47.2
 88 14.5 0.0 32.6

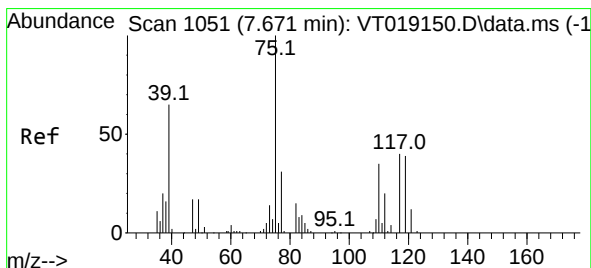
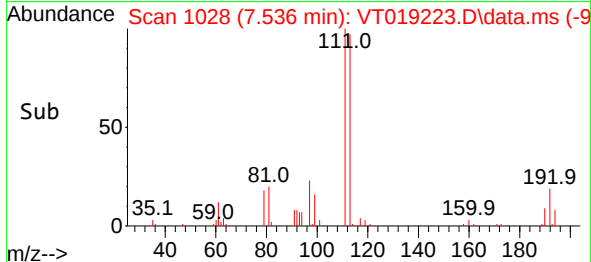
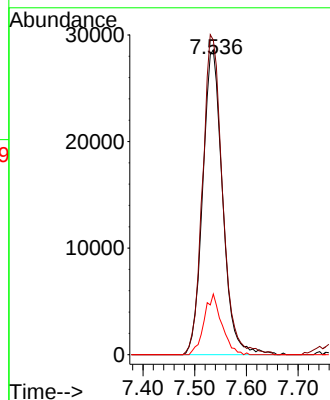
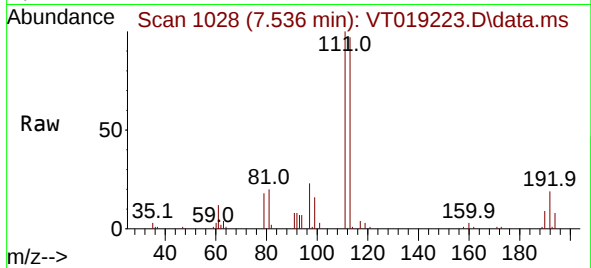




#35
Dibromofluoromethane
Concen: 48.385 ug/l
RT: 7.536 min Scan# 1064
Delta R.T. 0.071 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

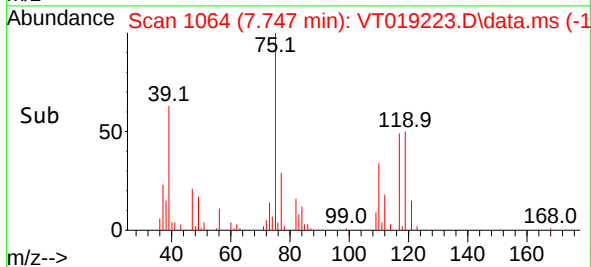
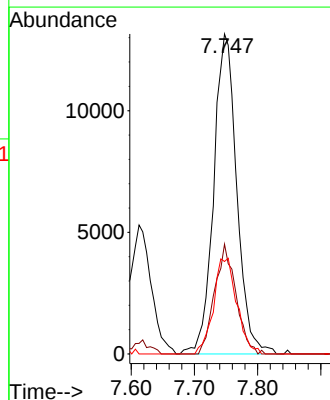
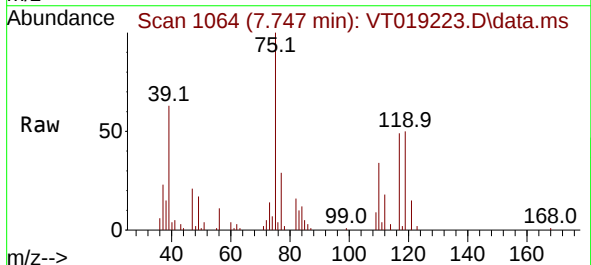
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

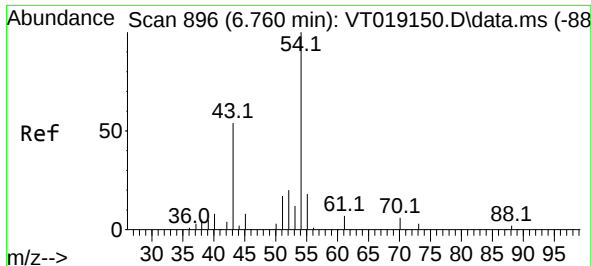
Tgt Ion:113 Resp: 76251
Ion Ratio Lower Upper
113 100
111 104.9 81.6 122.4
192 17.7 15.3 22.9



#36
1,1-Dichloropropene
Concen: 18.855 ug/l
RT: 7.747 min Scan# 1064
Delta R.T. 0.064 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 75 Resp: 33423
Ion Ratio Lower Upper
75 100
110 31.6 16.1 48.2
77 30.2 25.1 37.7

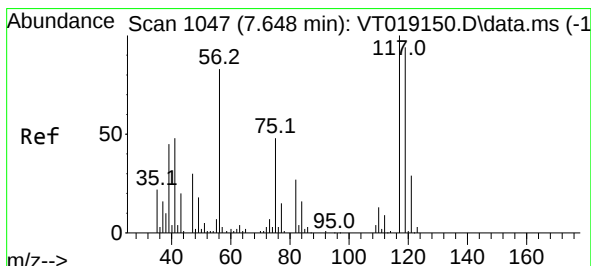
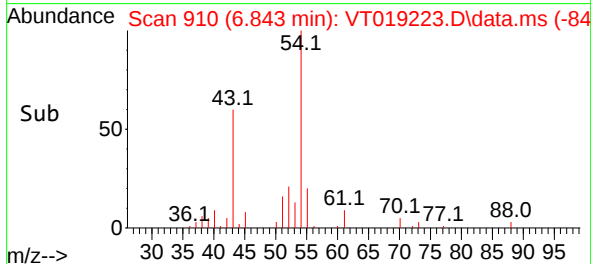
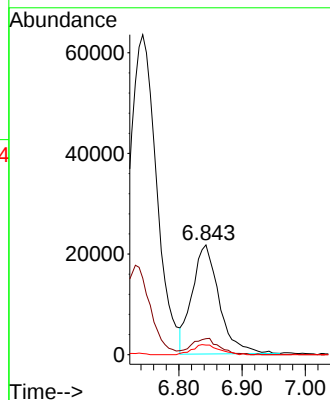
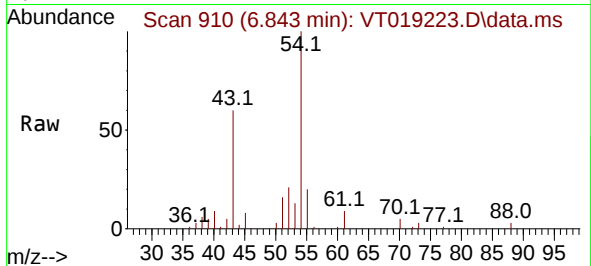




#37
Ethyl Acetate
Concen: 21.325 ug/l
RT: 6.843 min Scan# 91
Delta R.T. 0.077 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

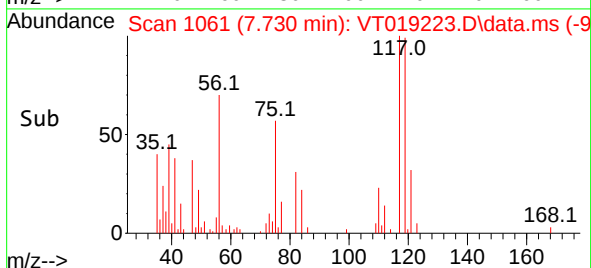
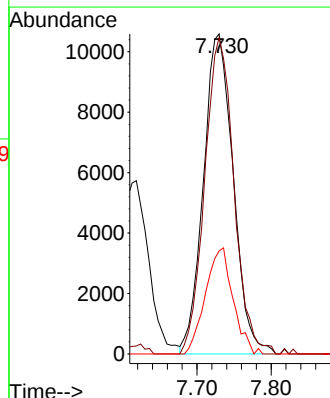
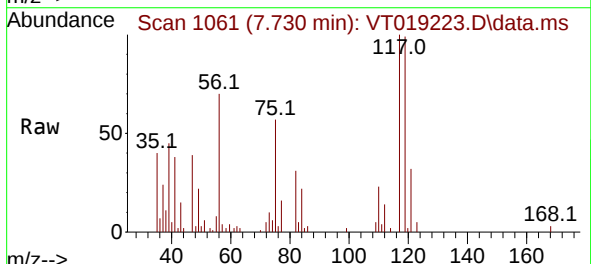
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

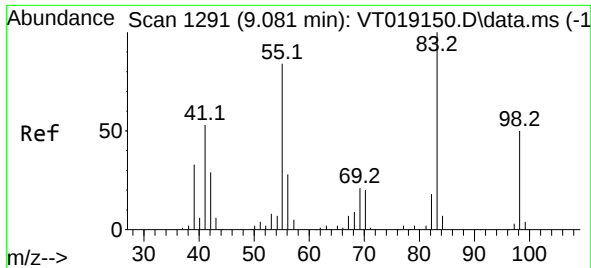
Tgt Ion: 43 Resp: 64349
Ion Ratio Lower Upper
43 100
61 15.0 10.0 15.0#
70 9.0 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.373 ug/l
RT: 7.730 min Scan# 1061
Delta R.T. 0.071 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 117 Resp: 29612
Ion Ratio Lower Upper
117 100
119 98.9 75.0 112.6
121 32.2 23.3 34.9

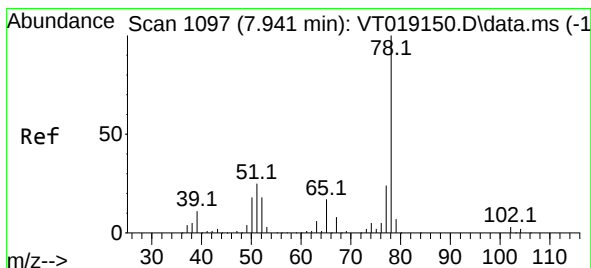
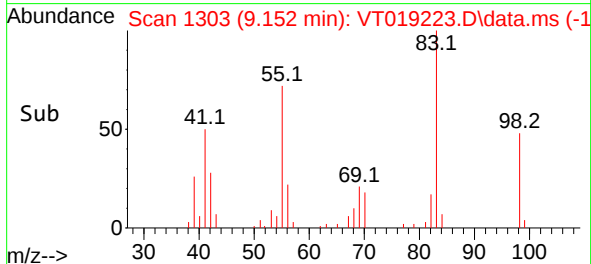
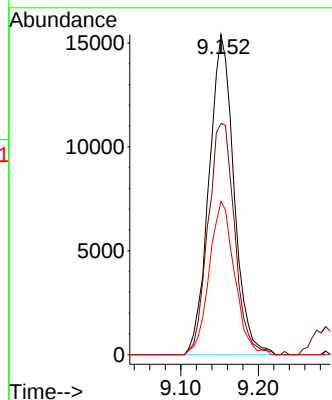
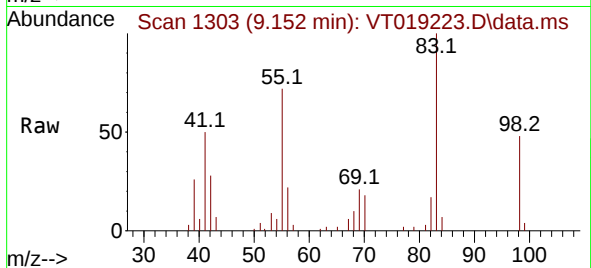




#39
Methylcyclohexane
Concen: 17.610 ug/l
RT: 9.152 min Scan# 1109
Delta R.T. 0.059 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

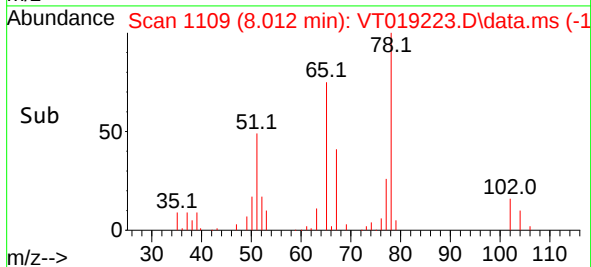
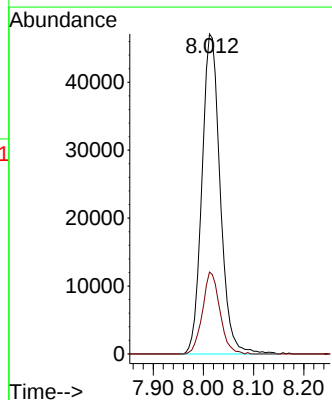
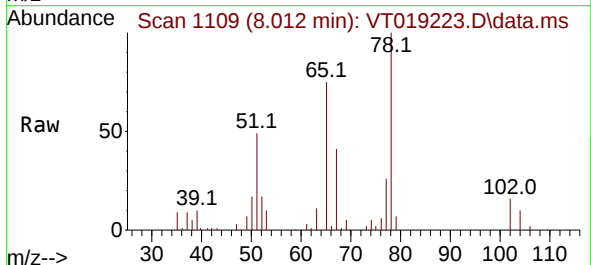
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

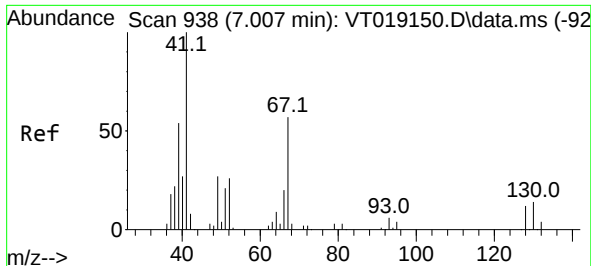
Tgt Ion: 83 Resp: 34490
Ion Ratio Lower Upper
83 100
55 72.2 67.5 101.3
98 47.9 39.9 59.9



#40
Benzene
Concen: 19.800 ug/l
RT: 8.012 min Scan# 1109
Delta R.T. 0.065 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 78 Resp: 118807
Ion Ratio Lower Upper
78 100
77 25.6 19.1 28.7

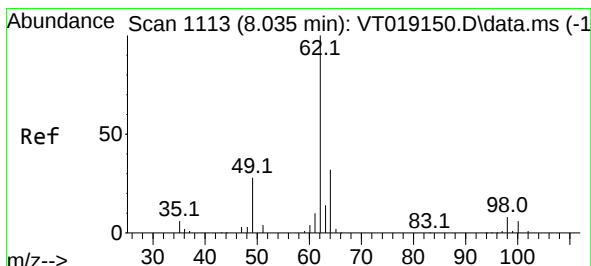
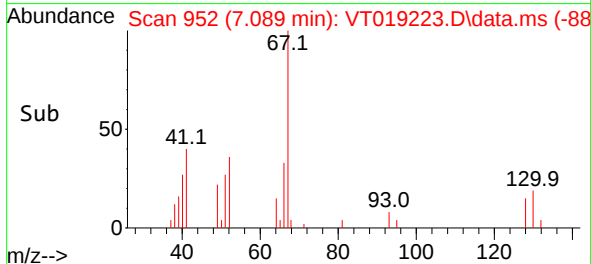
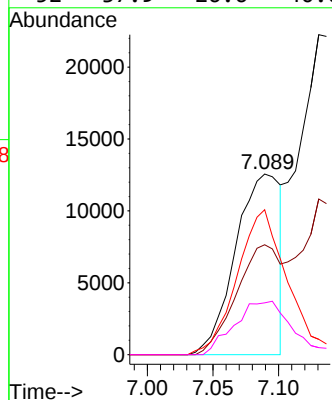
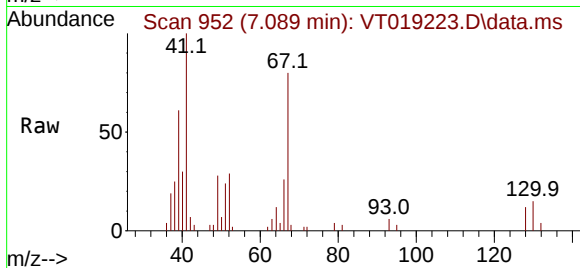




#41
Methacrylonitrile
Concen: 19.744 ug/l
RT: 7.089 min Scan# 91
Delta R.T. 0.070 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

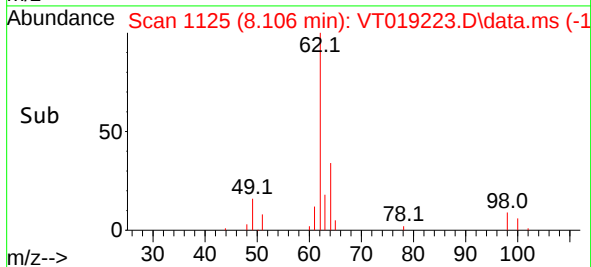
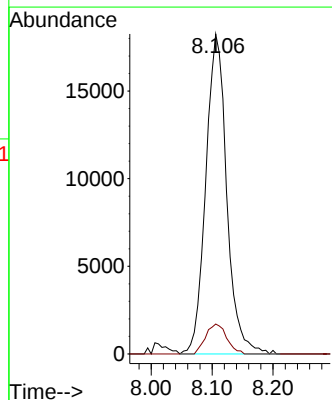
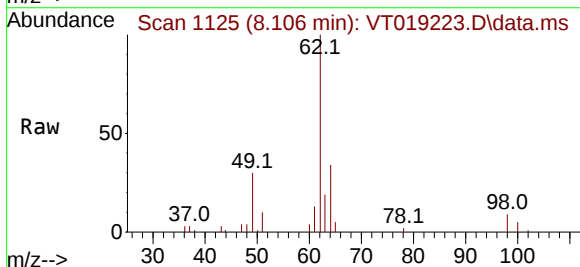
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

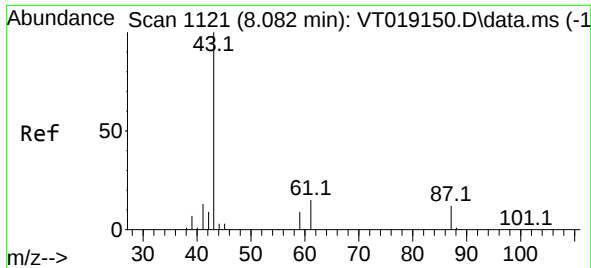
Tgt Ion:	41	Resp:	29974
Ion	Ratio	Lower	Upper
41	100		
39	58.1	49.8	74.6
67	90.8	60.0	90.0#
52	37.9	26.6	40.0



#42
1,2-Dichloroethane
Concen: 20.729 ug/l
RT: 8.106 min Scan# 1125
Delta R.T. 0.065 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion:	62	Resp:	43708
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	16.6

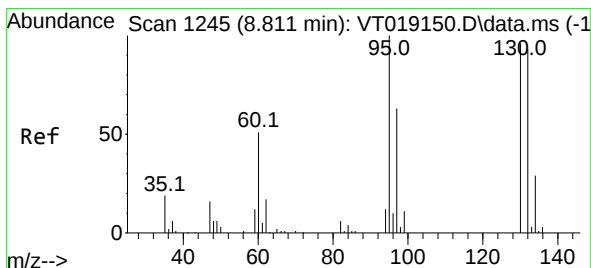
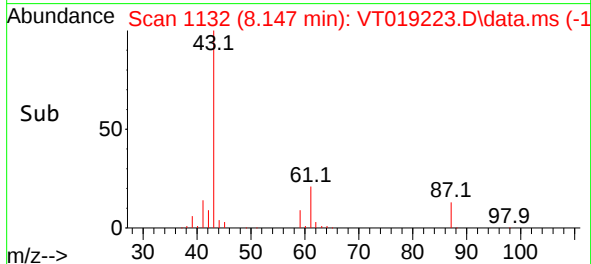
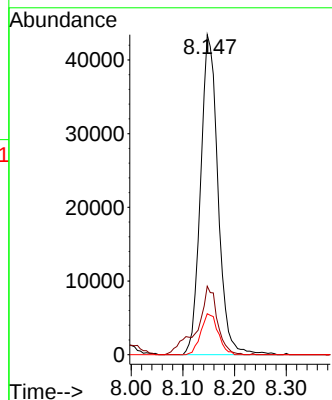
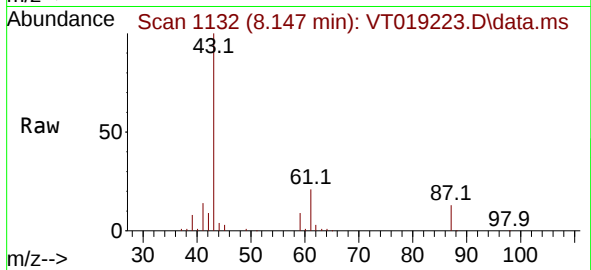




#43
Isopropyl Acetate
Concen: 21.135 ug/l
RT: 8.147 min Scan# 1121
Delta R.T. 0.059 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

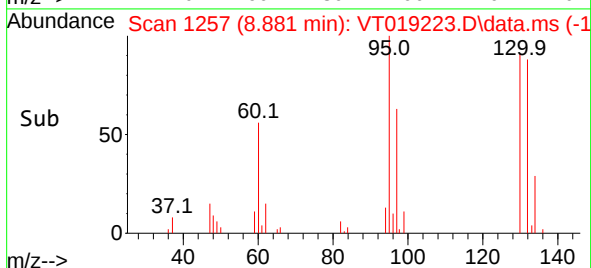
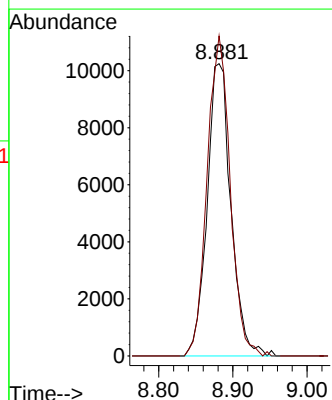
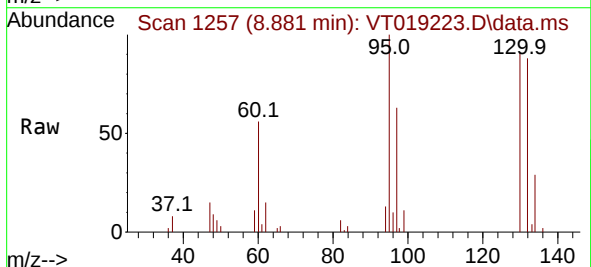
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

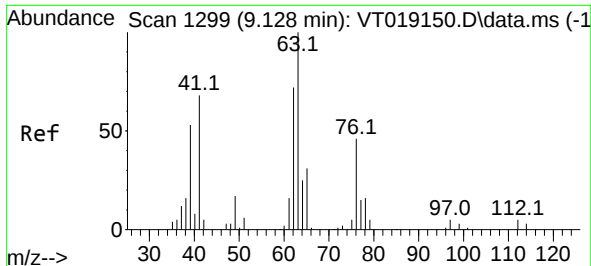
Tgt Ion: 43 Resp: 101414
Ion Ratio Lower Upper
43 100
61 24.7 14.8 22.2#
87 12.7 9.1 13.7



#44
Trichloroethene
Concen: 19.516 ug/l
RT: 8.881 min Scan# 1257
Delta R.T. 0.064 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion:130 Resp: 22891
Ion Ratio Lower Upper
130 100
95 109.5 0.0 207.8





#45

1,2-Dichloropropane

Concen: 20.513 ug/l

RT: 9.193 min Scan# 1

Delta R.T. 0.059 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

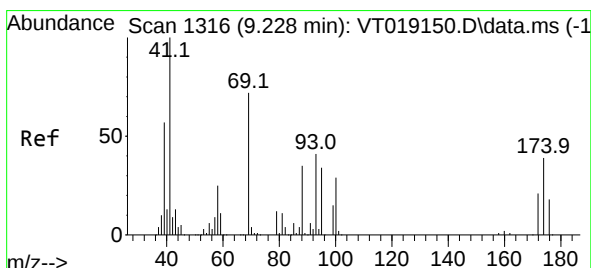
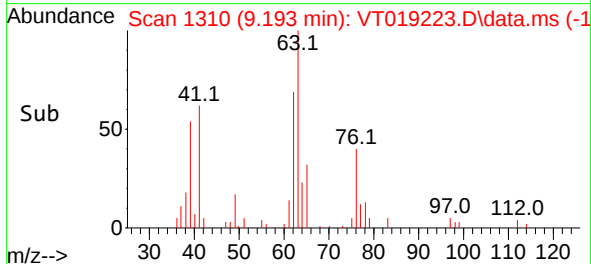
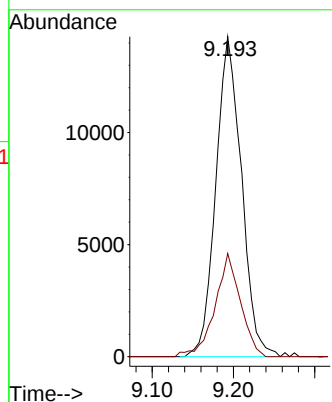
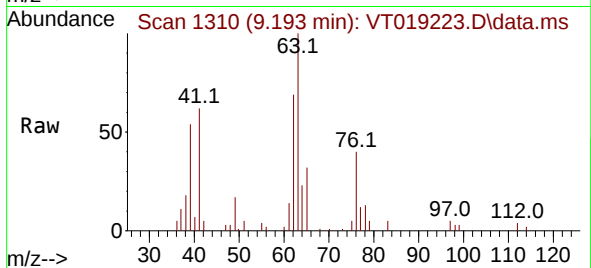
VT1031WBSD01

Tgt Ion: 63 Resp: 31319

Ion Ratio Lower Upper

63 100

65 32.2 24.6 36.8



#46

Dibromomethane

Concen: 20.717 ug/l

RT: 9.299 min Scan# 1328

Delta R.T. 0.065 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

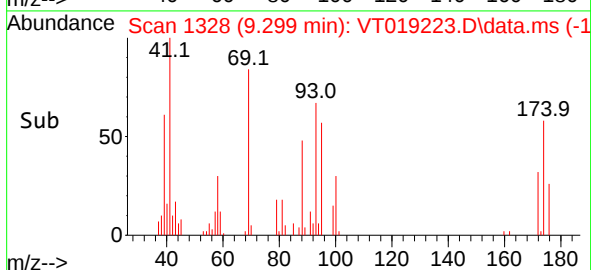
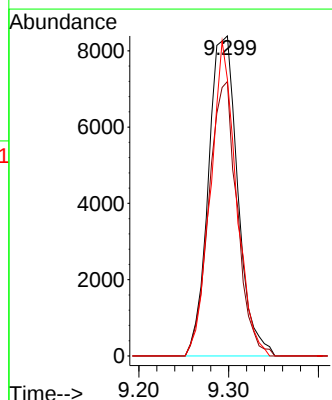
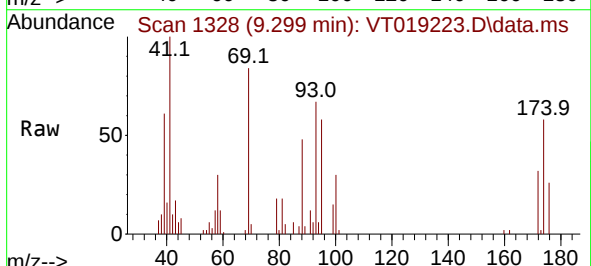
Tgt Ion: 93 Resp: 19036

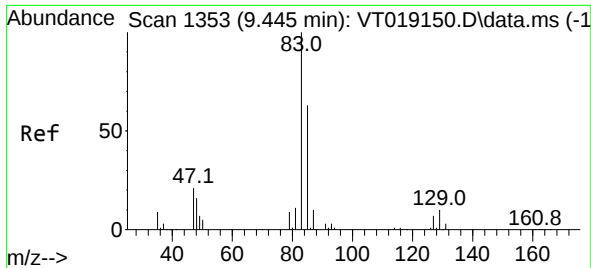
Ion Ratio Lower Upper

93 100

95 82.5 66.4 99.6

174 86.5 77.3 115.9

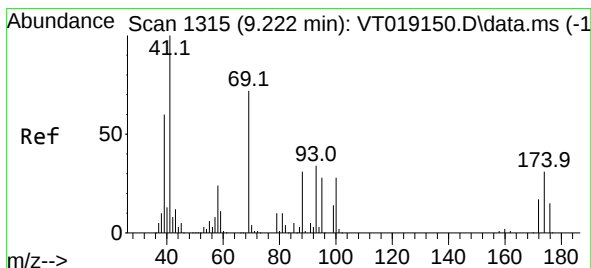
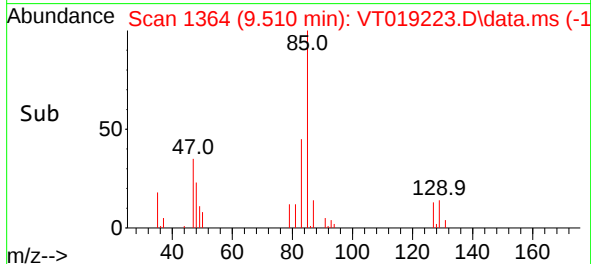
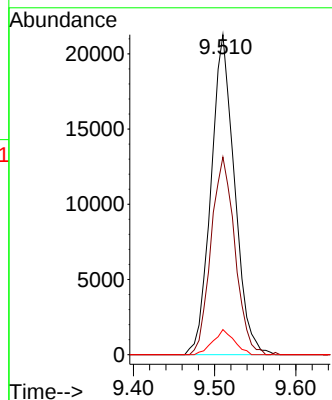
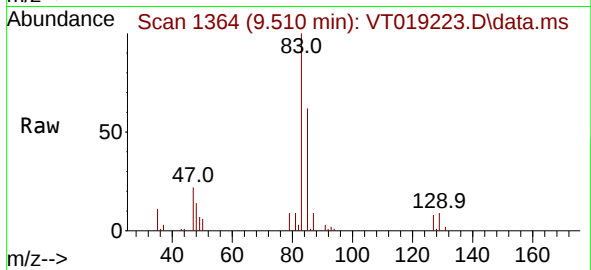




#47
Bromodichloromethane
Concen: 20.677 ug/l
RT: 9.510 min Scan# 11
Delta R.T. 0.059 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

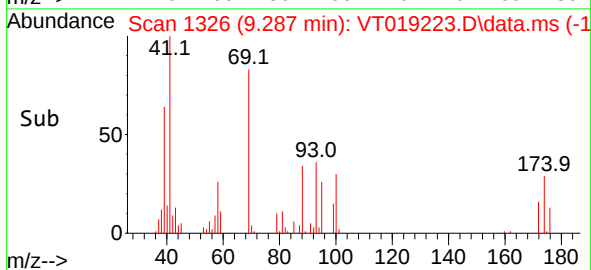
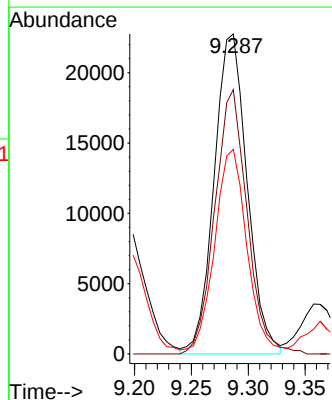
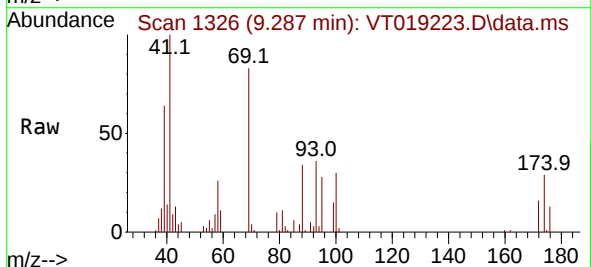
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

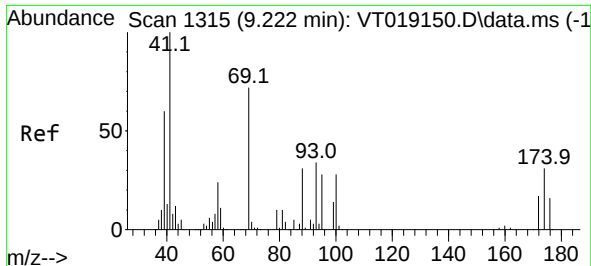
Tgt Ion: 83 Resp: 42835
Ion Ratio Lower Upper
83 100
85 61.8 50.4 75.6
127 7.8 6.0 9.0



#48
Methyl methacrylate
Concen: 21.338 ug/l
RT: 9.287 min Scan# 1326
Delta R.T. 0.059 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 41 Resp: 45988
Ion Ratio Lower Upper
41 100
69 80.9 56.9 85.3
39 63.0 48.0 72.0





#49

1,4-Dioxane

Concen: 421.463 ug/l

RT: 9.287 min Scan# 1315

Delta R.T. 0.059 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

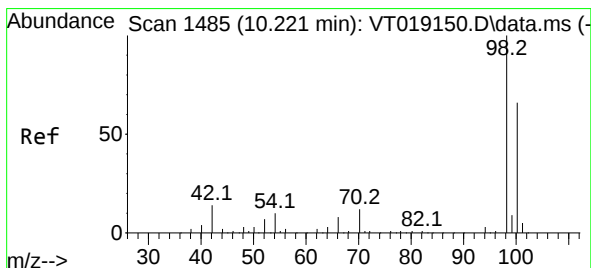
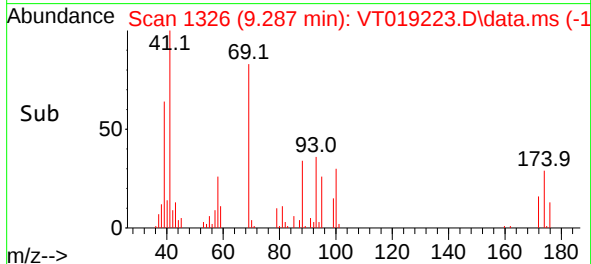
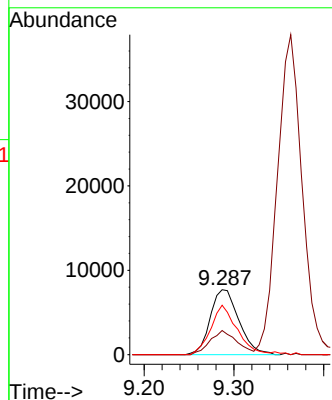
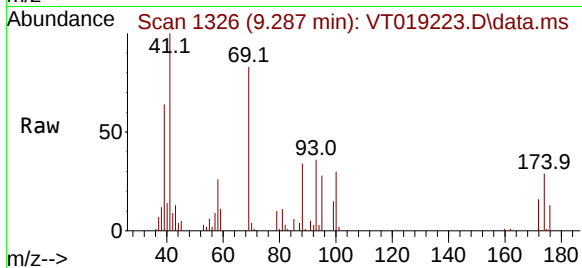
Tgt Ion: 88 Resp: 17061

Ion Ratio Lower Upper

88 100

43 35.0 30.0 45.0

58 69.6 57.2 85.8



#50

Toluene-d8

Concen: 47.116 ug/l

RT: 10.280 min Scan# 1495

Delta R.T. 0.053 min

Lab File: VT019223.D

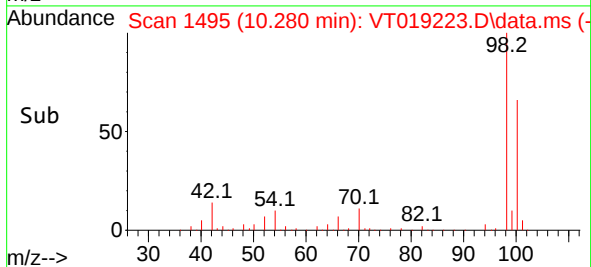
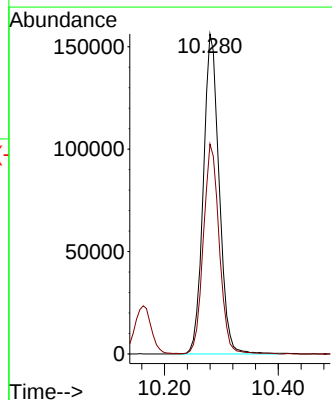
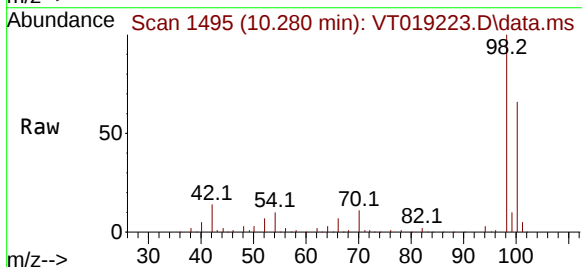
Acq: 31 Oct 2025 12:23

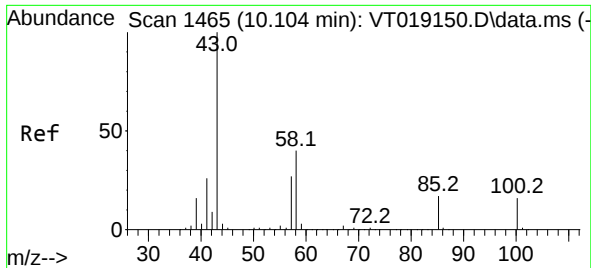
Tgt Ion: 98 Resp: 301522

Ion Ratio Lower Upper

98 100

100 65.9 53.5 80.3

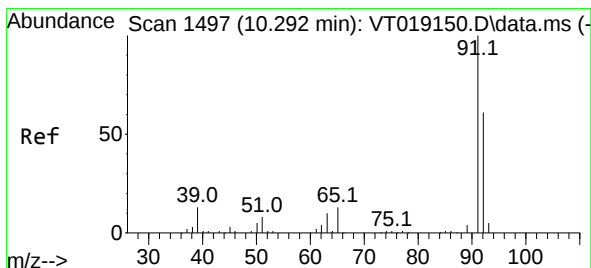
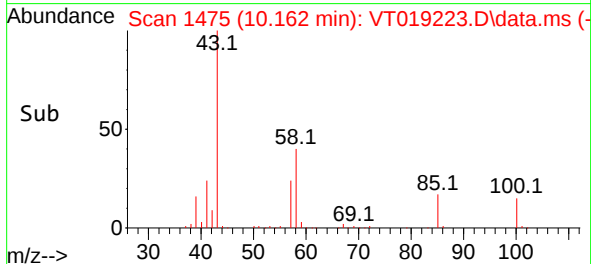
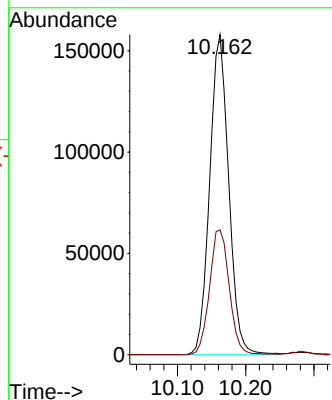
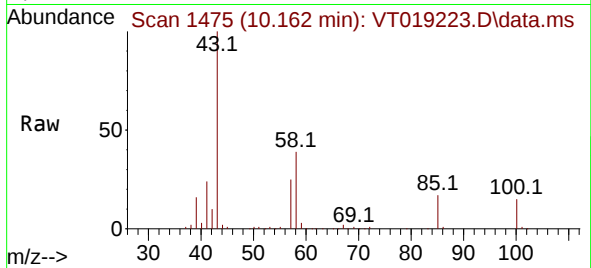




#51
4-Methyl-2-Pentanone
Concen: 106.021 ug/l
RT: 10.162 min Scan# 14
Delta R.T. 0.053 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

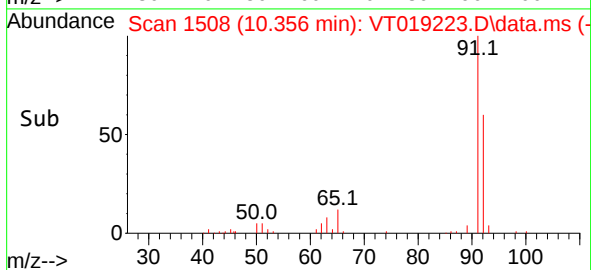
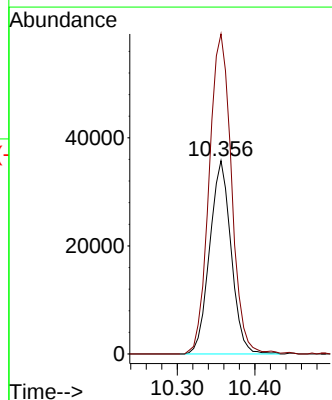
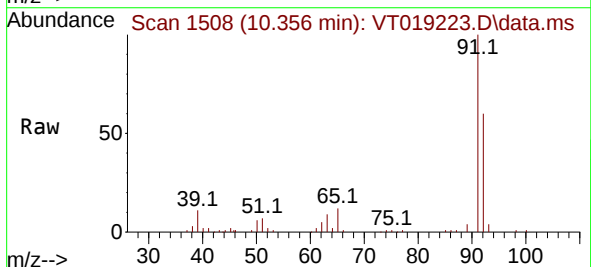
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

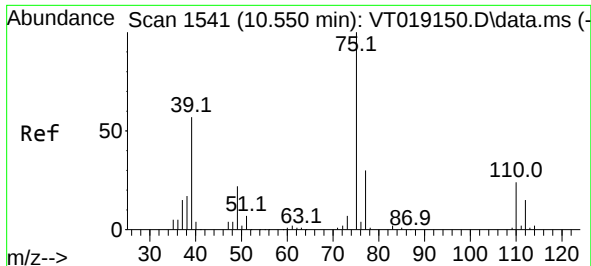
Tgt Ion: 43 Resp: 306385
Ion Ratio Lower Upper
43 100
58 40.5 30.5 45.7



#52
Toluene
Concen: 20.015 ug/l
RT: 10.356 min Scan# 1508
Delta R.T. 0.059 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 92 Resp: 68625
Ion Ratio Lower Upper
92 100
91 173.3 134.8 202.2

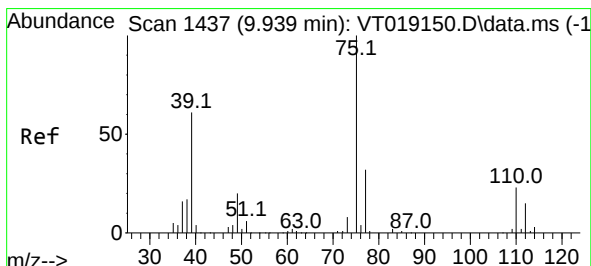
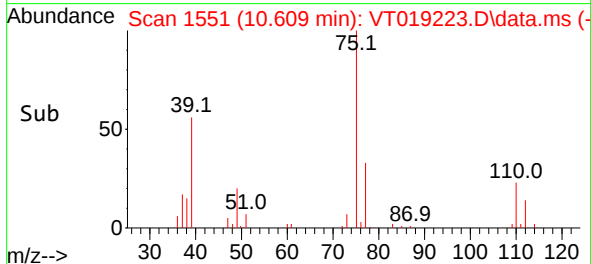
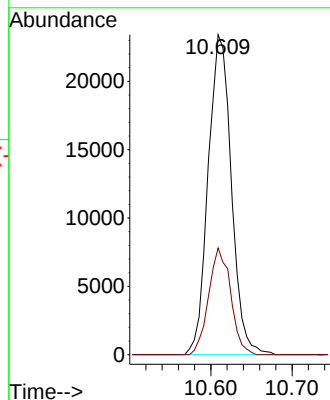
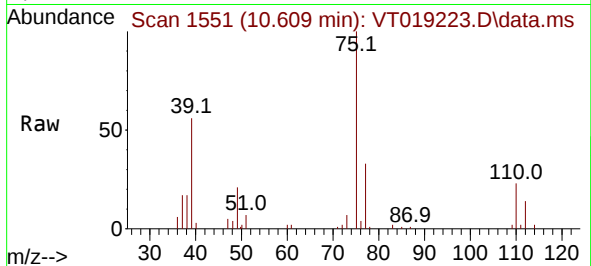




#53
t-1,3-Dichloropropene
Concen: 20.699 ug/l
RT: 10.609 min Scan# 11
Delta R.T. 0.053 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

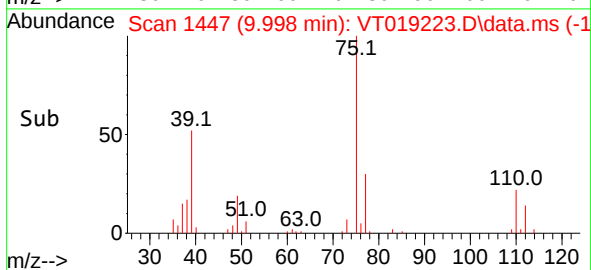
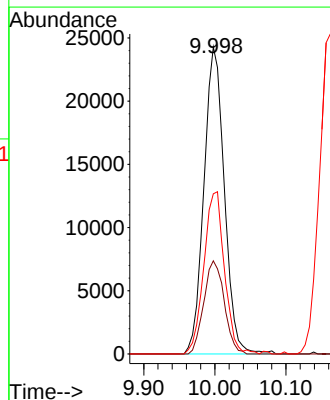
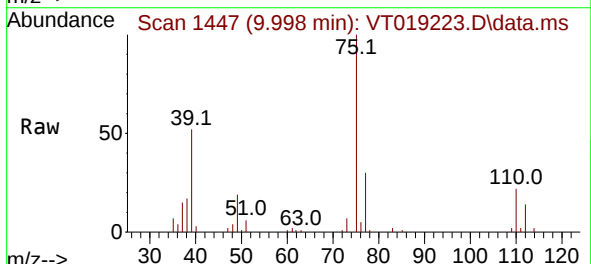
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

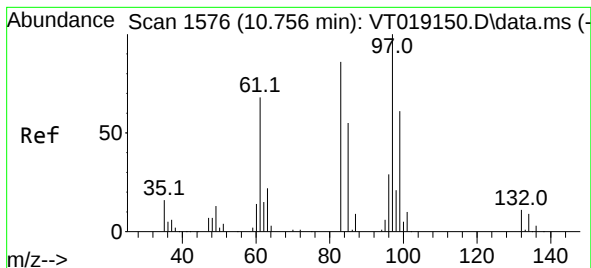
Tgt Ion: 75 Resp: 46411
Ion Ratio Lower Upper
75 100
77 33.3 24.2 36.4



#54
cis-1,3-Dichloropropene
Concen: 20.911 ug/l
RT: 9.998 min Scan# 1447
Delta R.T. 0.059 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 75 Resp: 48551
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 52.2 48.8 73.2





#55

1,1,2-Trichloroethane

Concen: 22.128 ug/l

RT: 10.820 min Scan# 1587

Delta R.T. 0.058 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

Tgt Ion: 97 Resp: 29924

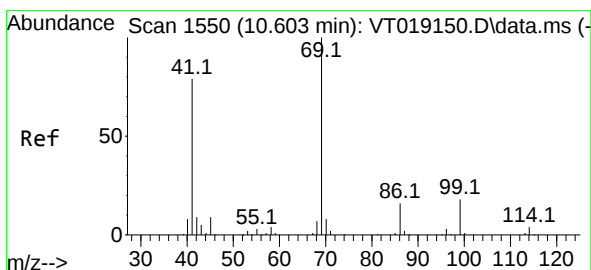
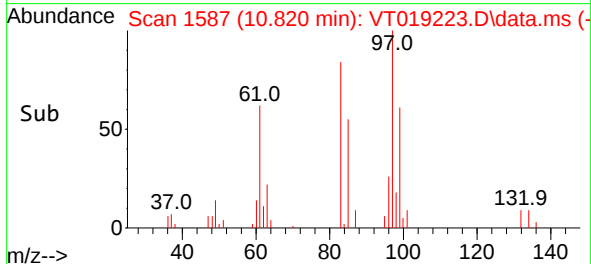
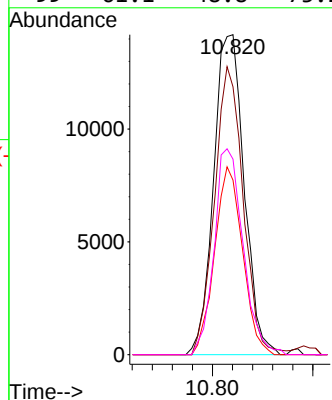
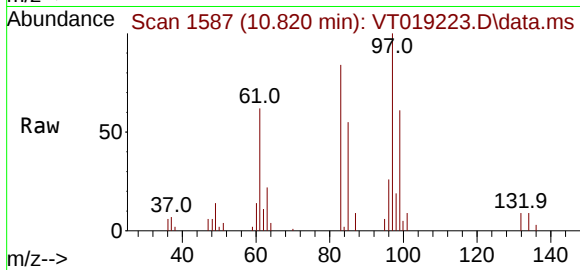
Ion Ratio Lower Upper

97 100

83 83.7 69.2 103.8

85 54.5 43.8 65.6

99 61.1 48.8 73.2



#56

Ethyl methacrylate

Concen: 21.049 ug/l

RT: 10.662 min Scan# 1560

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

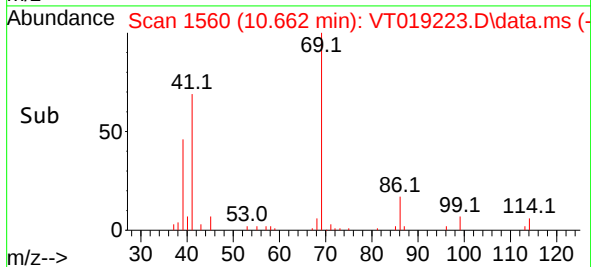
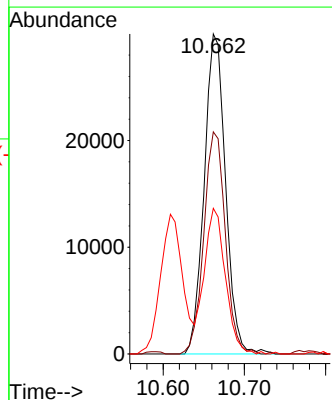
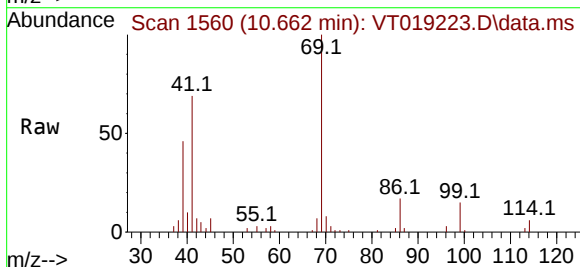
Tgt Ion: 69 Resp: 54701

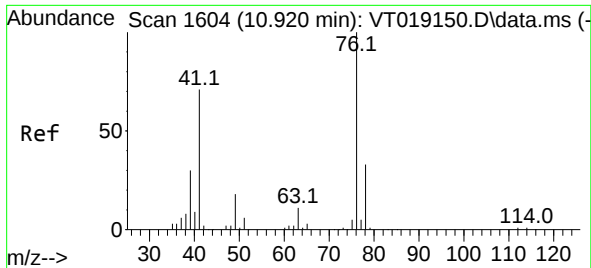
Ion Ratio Lower Upper

69 100

41 69.9 62.6 93.8

39 45.1 37.2 55.8

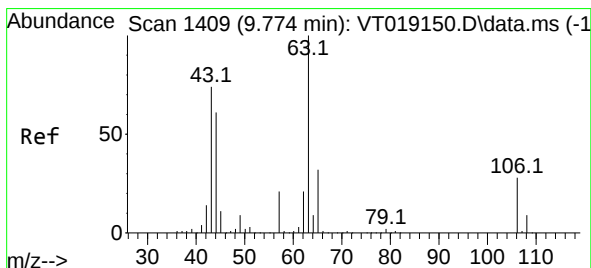
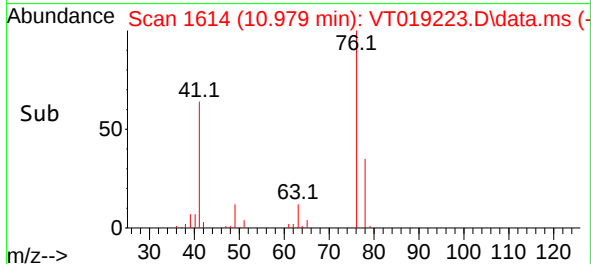
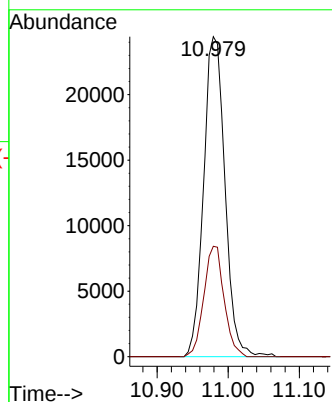
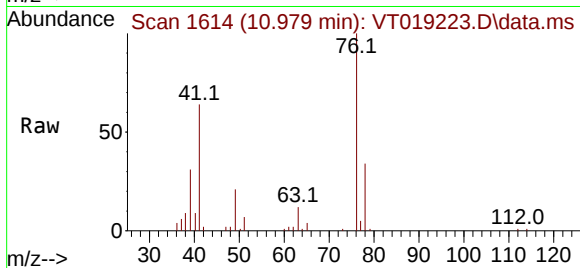




#57
1,3-Dichloropropane
Concen: 21.261 ug/l
RT: 10.979 min Scan# 1614
Delta R.T. 0.053 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

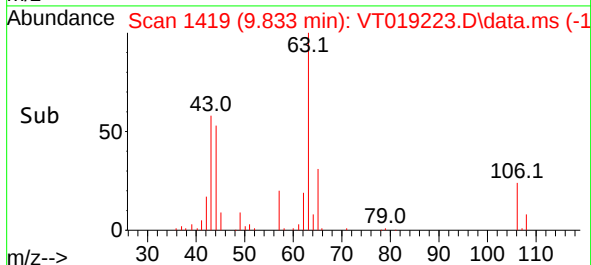
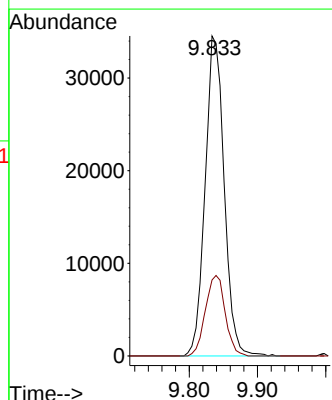
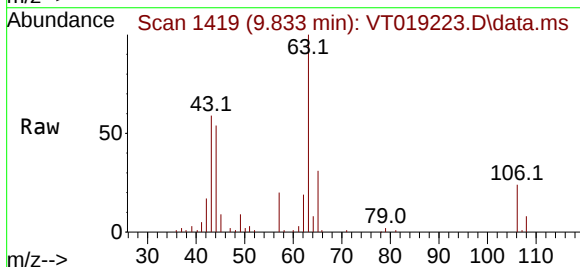
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

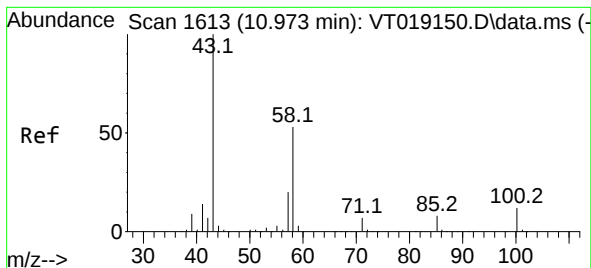
Tgt Ion: 76 Resp: 51028
Ion Ratio Lower Upper
76 100
78 32.7 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 95.869 ug/l
RT: 9.833 min Scan# 1419
Delta R.T. 0.053 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 63 Resp: 67050
Ion Ratio Lower Upper
63 100
106 26.1 22.4 33.6

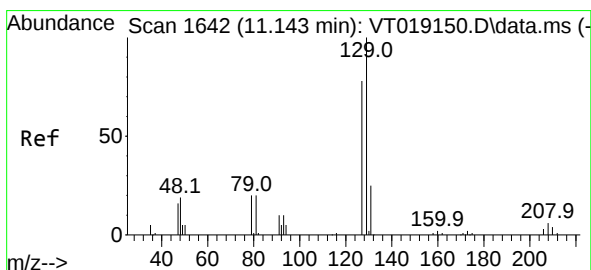
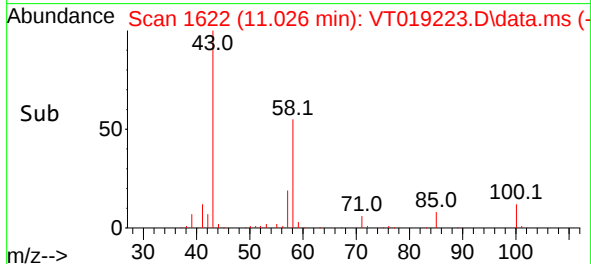
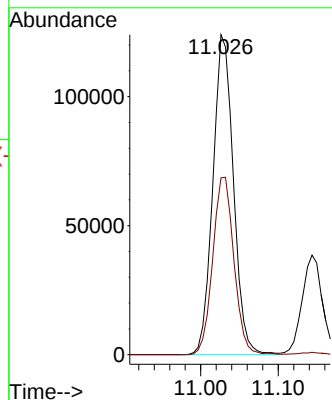
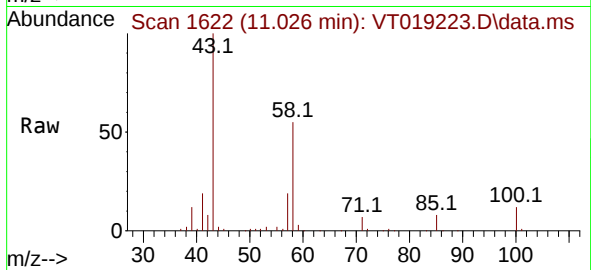




#59
2-Hexanone
Concen: 104.383 ug/l
RT: 11.026 min Scan# 1653
Delta R.T. 0.047 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

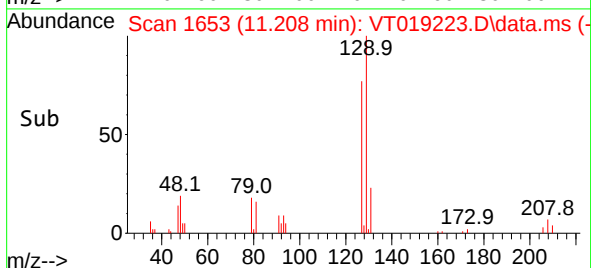
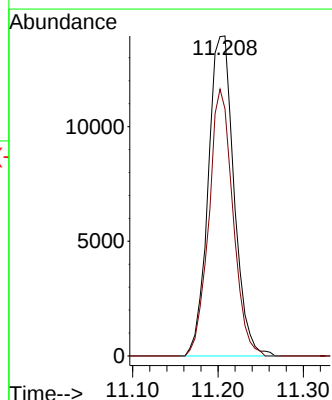
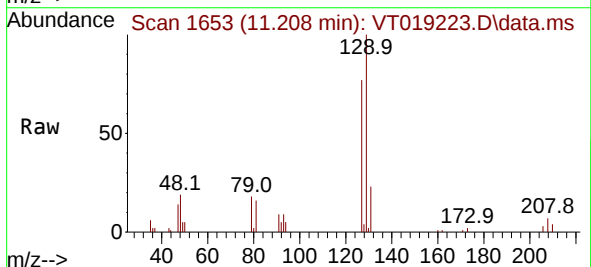
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

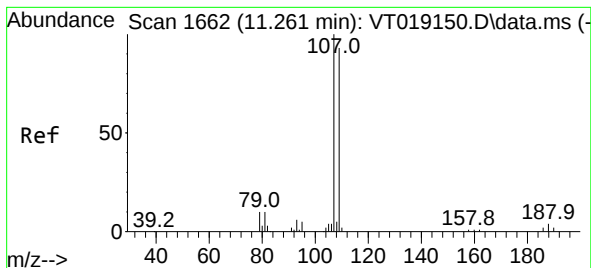
Tgt Ion: 43 Resp: 228518
Ion Ratio Lower Upper
43 100
58 57.2 26.1 78.3



#60
Dibromochloromethane
Concen: 21.521 ug/l
RT: 11.208 min Scan# 1653
Delta R.T. 0.059 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 129 Resp: 29342
Ion Ratio Lower Upper
129 100
127 77.9 38.9 116.7

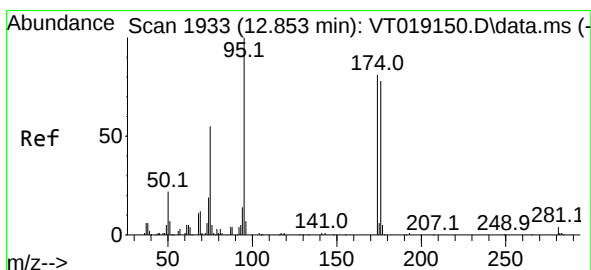
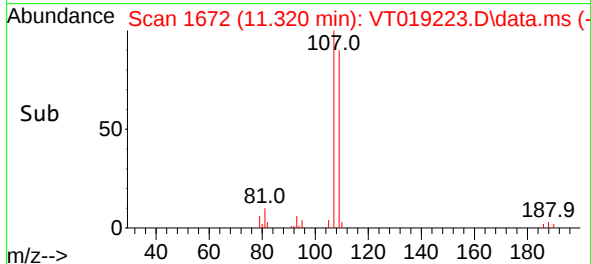
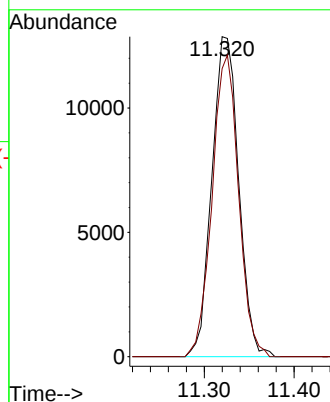
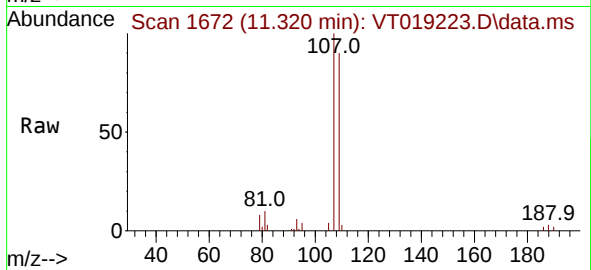




#61
1,2-Dibromoethane
Concen: 21.209 ug/l
RT: 11.320 min Scan# 1
Delta R.T. 0.053 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

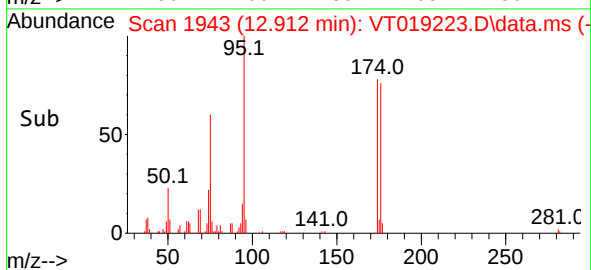
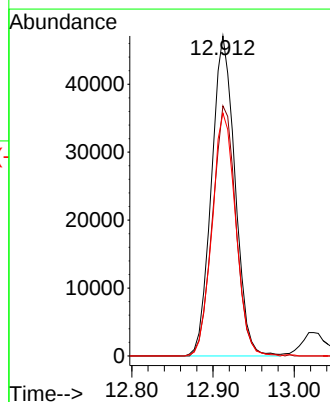
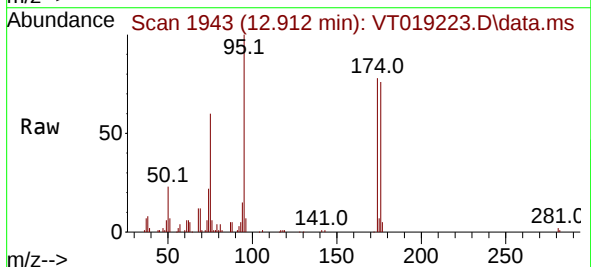
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

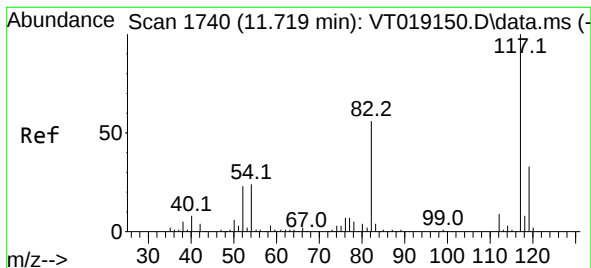
Tgt Ion:107 Resp: 26707
Ion Ratio Lower Upper
107 100
109 92.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.081 ug/l
RT: 12.912 min Scan# 1943
Delta R.T. 0.053 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 95 Resp: 94720
Ion Ratio Lower Upper
95 100
174 77.9 0.0 160.6
176 76.3 0.0 156.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.778 min Scan# 11

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

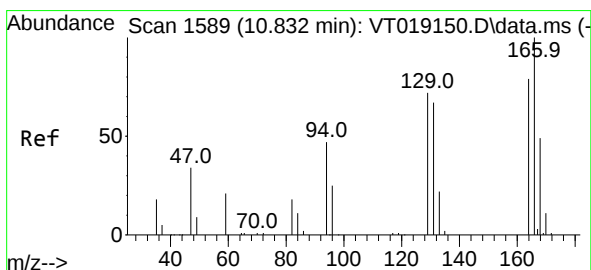
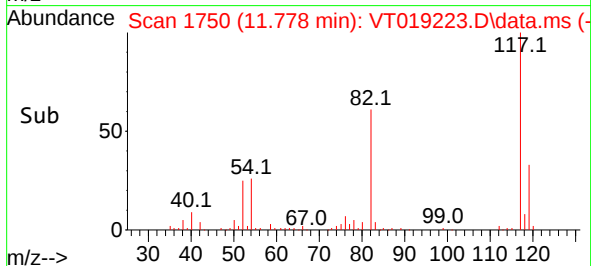
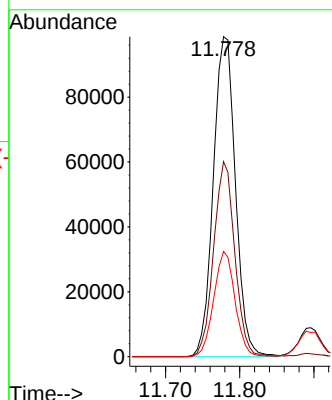
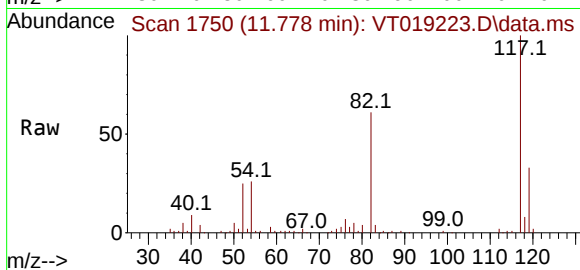
Tgt Ion:117 Resp: 204647

Ion Ratio Lower Upper

117 100

82 60.9 45.1 67.7

119 32.9 26.6 40.0



#64

Tetrachloroethene

Concen: 19.309 ug/l

RT: 10.891 min Scan# 1599

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Tgt Ion:164 Resp: 17961

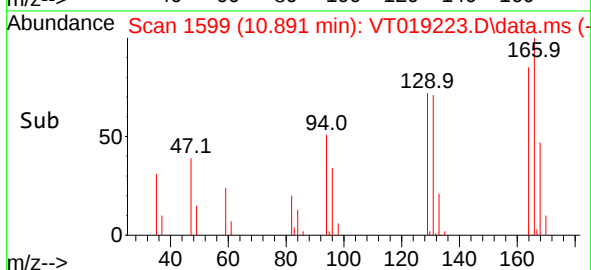
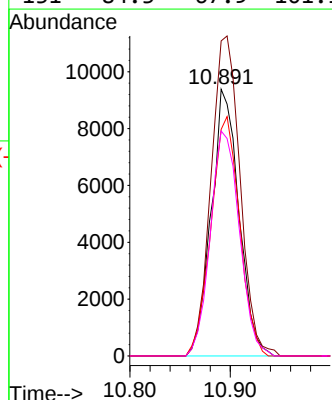
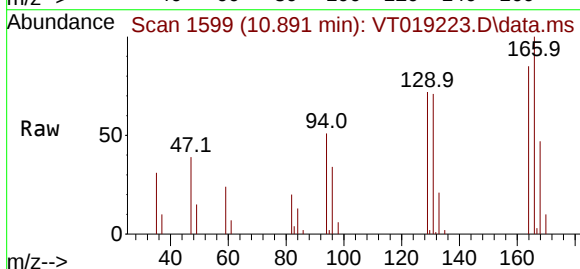
Ion Ratio Lower Upper

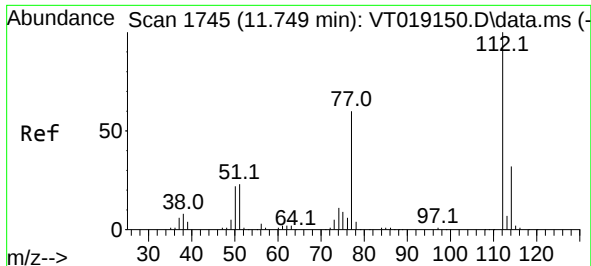
164 100

166 118.1 100.9 151.3

129 84.9 72.4 108.6

131 84.3 67.9 101.9

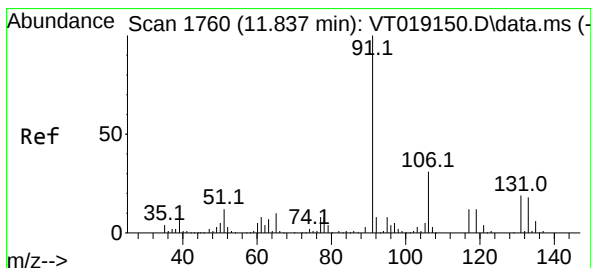
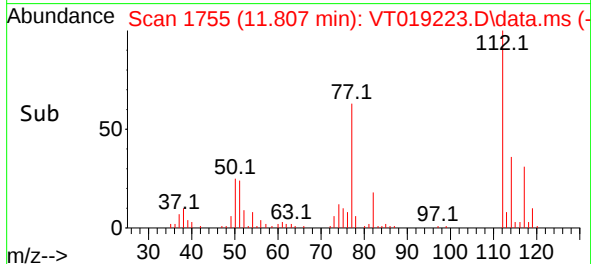
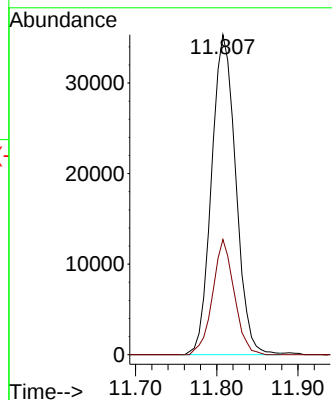
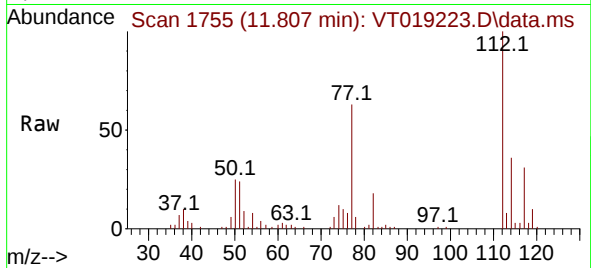




#65
Chlorobenzene
Concen: 19.937 ug/l
RT: 11.807 min Scan# 1755
Delta R.T. 0.052 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

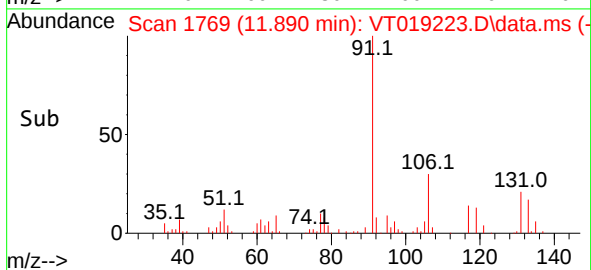
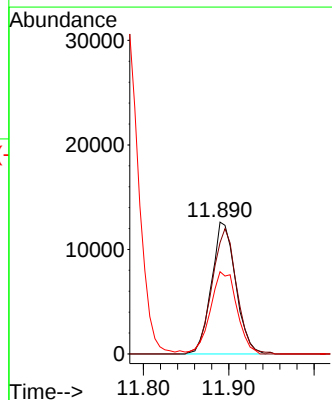
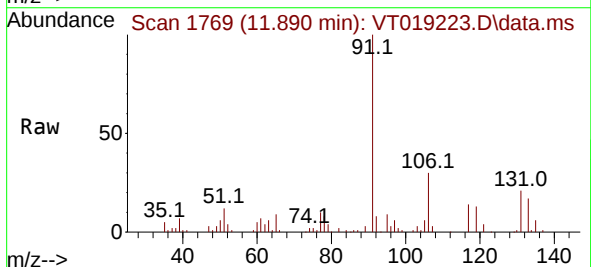
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

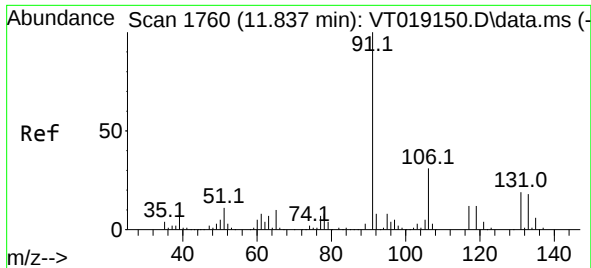
Tgt Ion:112 Resp: 73231
Ion Ratio Lower Upper
112 100
114 36.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.700 ug/l
RT: 11.890 min Scan# 1769
Delta R.T. 0.053 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion:131 Resp: 24774
Ion Ratio Lower Upper
131 100
133 97.1 47.4 142.3
119 68.5 31.7 95.1

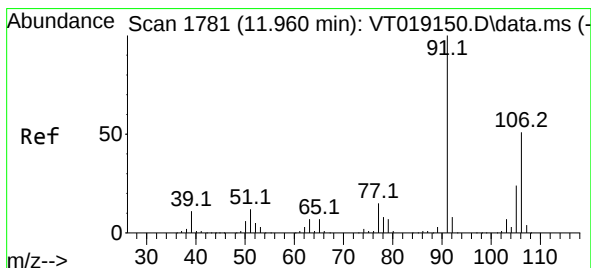
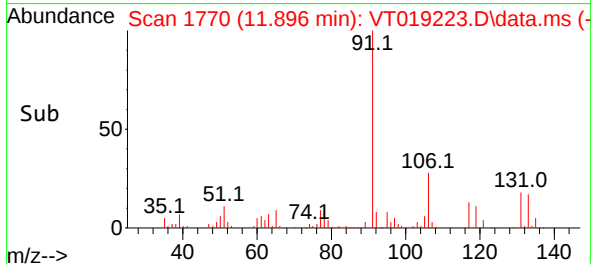
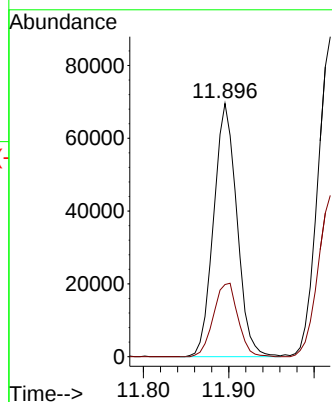
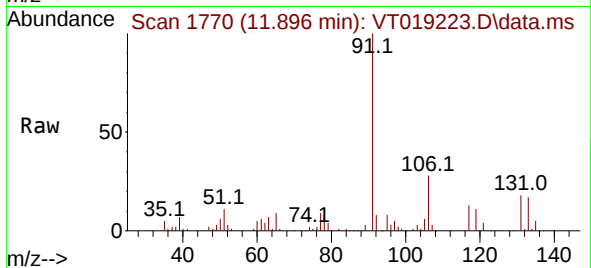




#67
Ethyl Benzene
Concen: 19.195 ug/l
RT: 11.896 min Scan# 1770
Delta R.T. 0.053 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

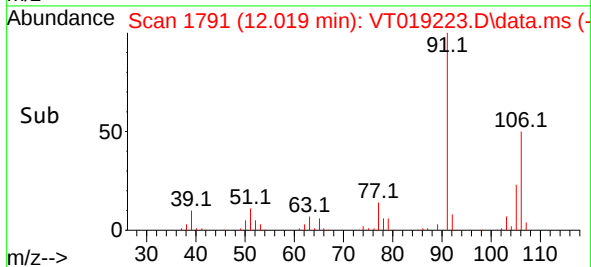
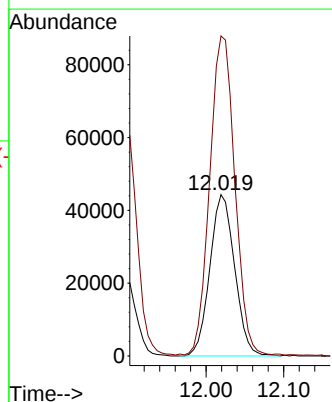
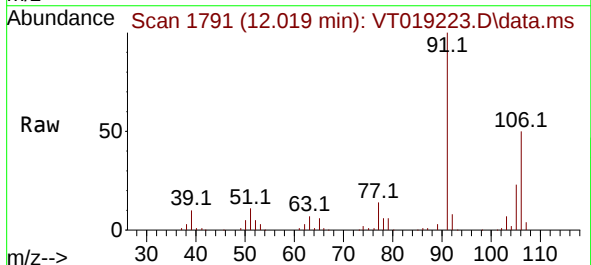
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

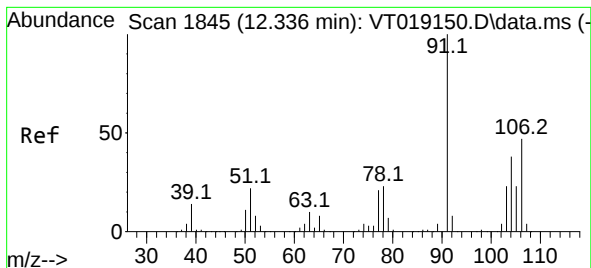
Tgt Ion: 91 Resp: 131820
Ion Ratio Lower Upper
91 100
106 28.5 24.8 37.2



#68
m/p-Xylenes
Concen: 38.746 ug/l
RT: 12.019 min Scan# 1791
Delta R.T. 0.053 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion:106 Resp: 98285
Ion Ratio Lower Upper
106 100
91 202.9 161.0 241.6





#69

o-Xylene

Concen: 19.688 ug/l

RT: 12.395 min Scan# 1855

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

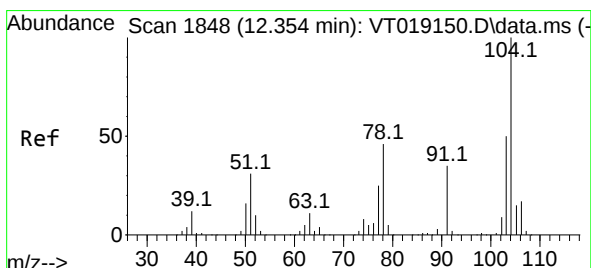
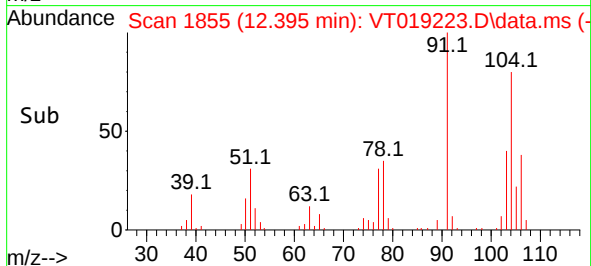
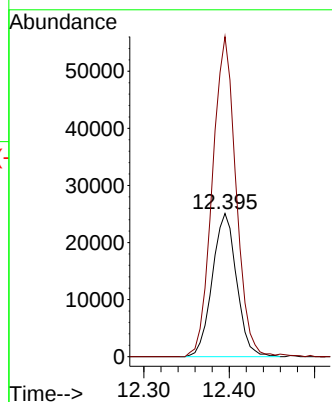
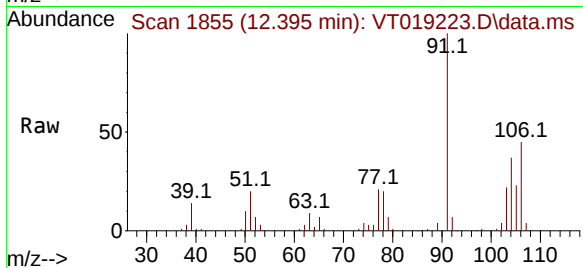
VT1031WBSD01

Tgt Ion:106 Resp: 49643

Ion Ratio Lower Upper

106 100

91 218.5 106.5 319.5



#70

Styrene

Concen: 19.680 ug/l

RT: 12.413 min Scan# 1858

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

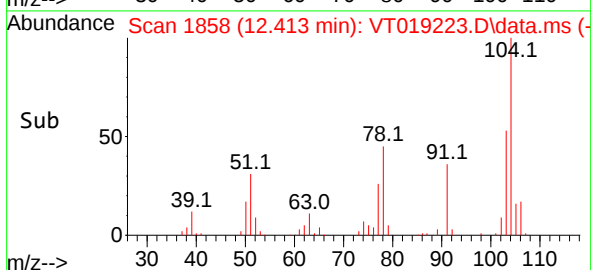
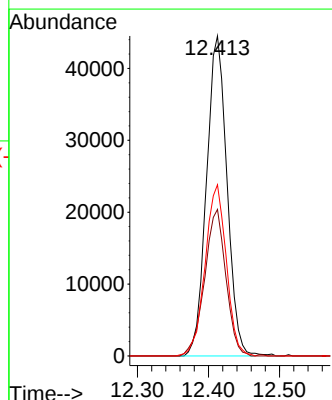
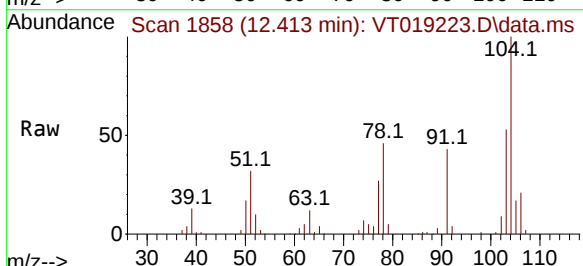
Tgt Ion:104 Resp: 89356

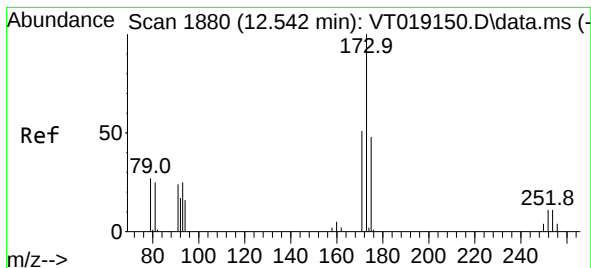
Ion Ratio Lower Upper

104 100

78 47.5 40.8 61.2

103 55.2 43.8 65.6





#71

Bromoform

Concen: 20.880 ug/l

RT: 12.607 min Scan# 11

Delta R.T. 0.059 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

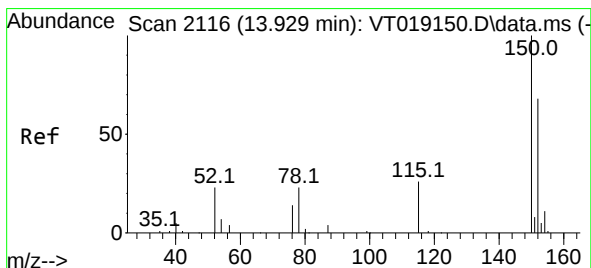
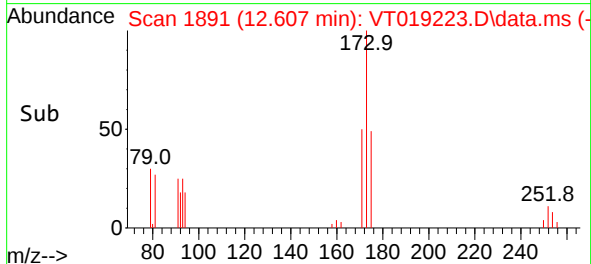
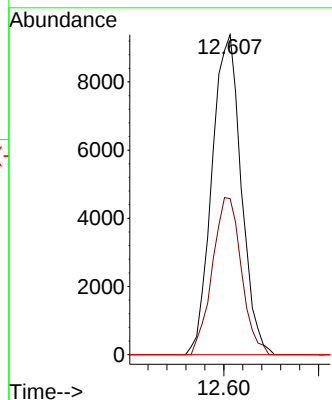
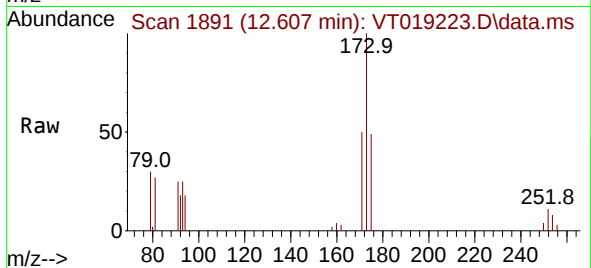
Tgt Ion:173 Resp: 20078

Ion Ratio Lower Upper

173 100

175 48.8 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.981 min Scan# 2125

Delta R.T. 0.052 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

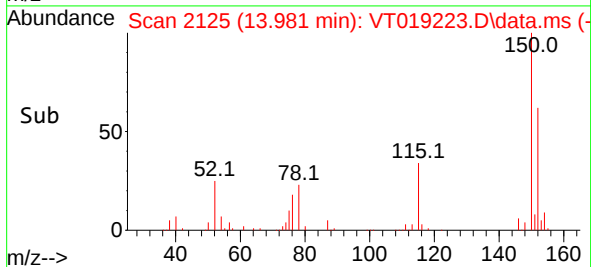
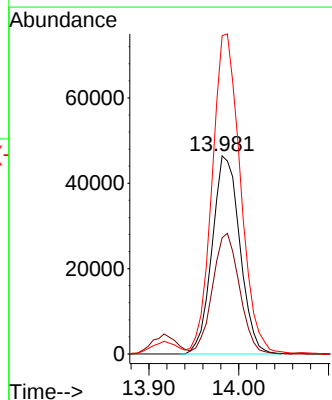
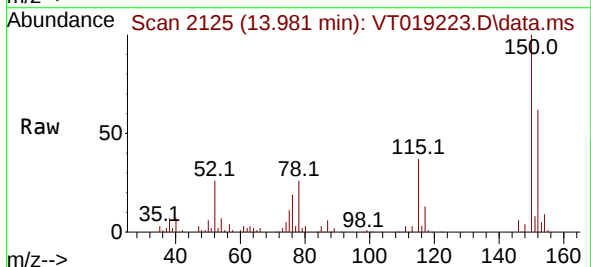
Tgt Ion:152 Resp: 99337

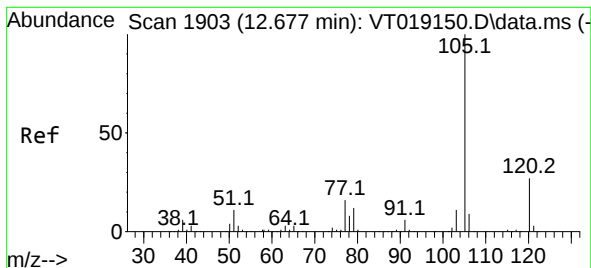
Ion Ratio Lower Upper

152 100

115 59.4 29.6 88.9

150 164.5 0.0 342.6





#73

Isopropylbenzene

Concen: 19.286 ug/l

RT: 12.736 min Scan# 1913

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

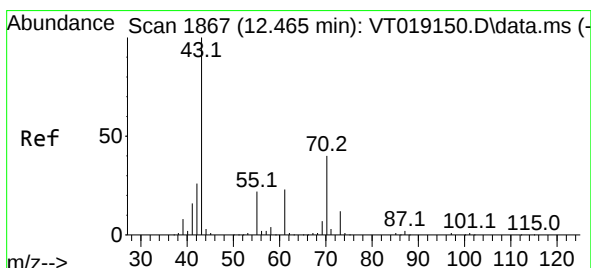
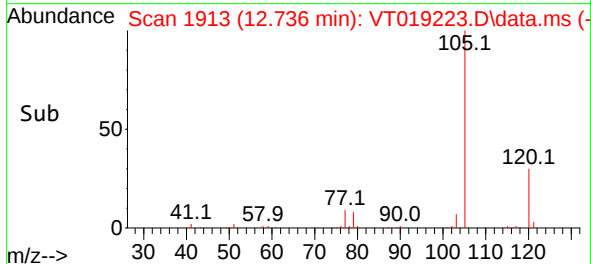
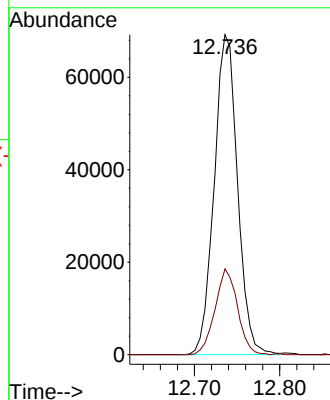
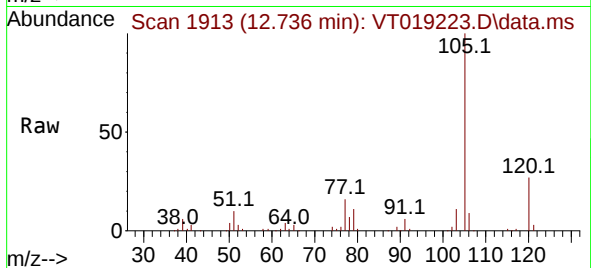
VT1031WBSD01

Tgt Ion:105 Resp: 131889

Ion Ratio Lower Upper

105 100

120 25.8 13.5 40.4



#74

N-ethyl acetate

Concen: 20.004 ug/l

RT: 12.524 min Scan# 1877

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Tgt Ion: 43 Resp: 69005

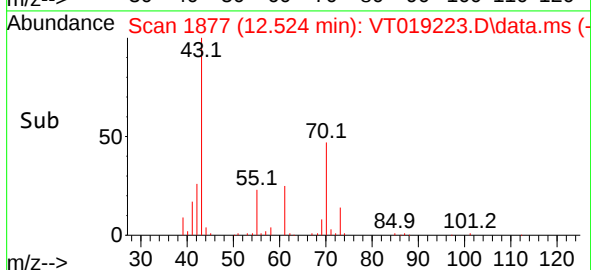
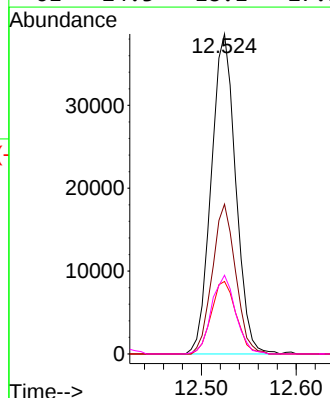
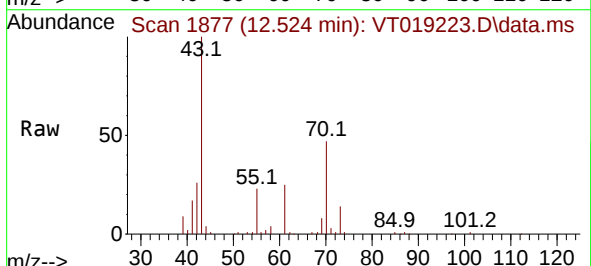
Ion Ratio Lower Upper

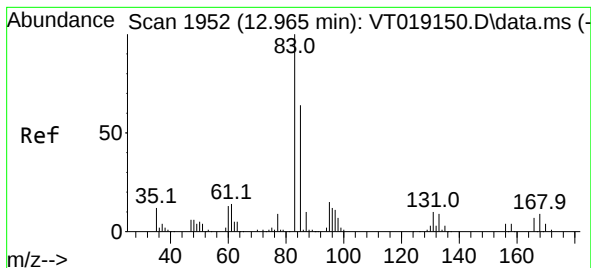
43 100

70 44.8 31.3 46.9

55 23.2 17.4 26.0

61 24.3 18.1 27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.244 ug/l

RT: 13.024 min Scan# 1952

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

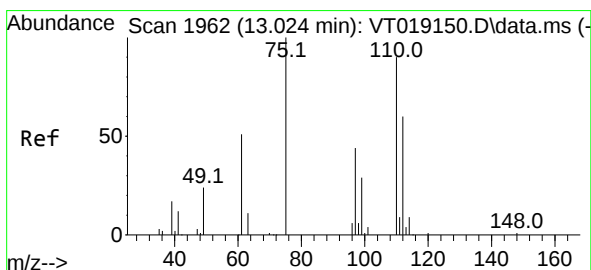
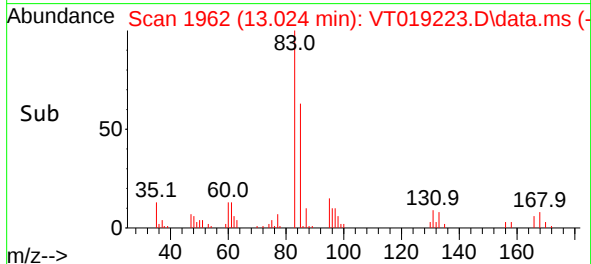
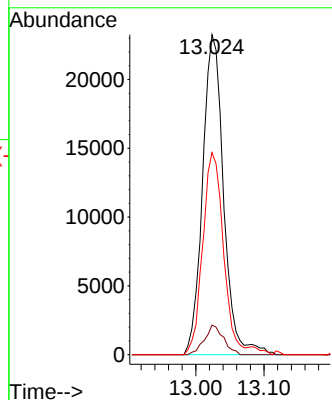
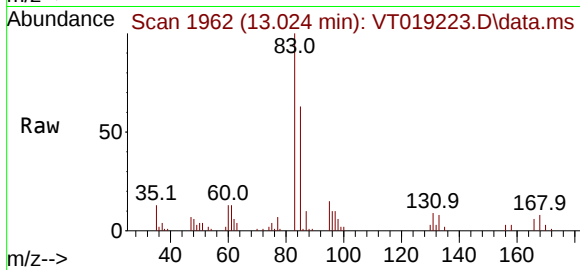
Tgt Ion: 83 Resp: 49778

Ion Ratio Lower Upper

83 100

131 8.4 5.2 15.6

85 63.3 32.8 98.4



#76

1,2,3-Trichloropropane

Concen: 32.089 ug/l

RT: 13.088 min Scan# 1973

Delta R.T. 0.058 min

Lab File: VT019223.D

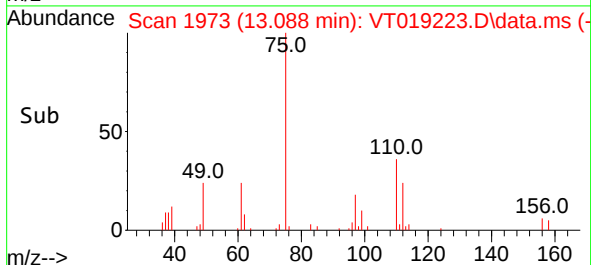
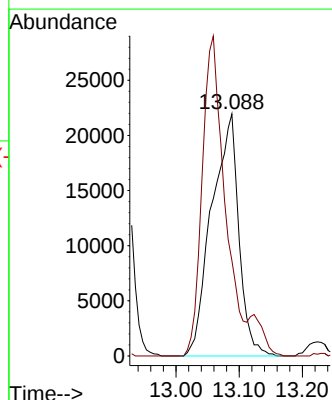
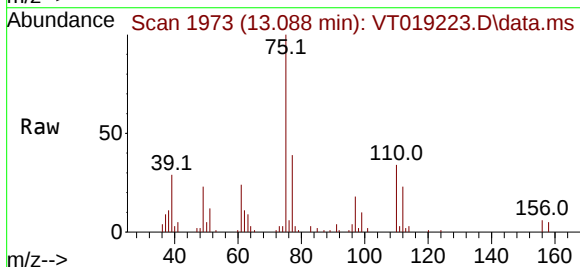
Acq: 31 Oct 2025 12:23

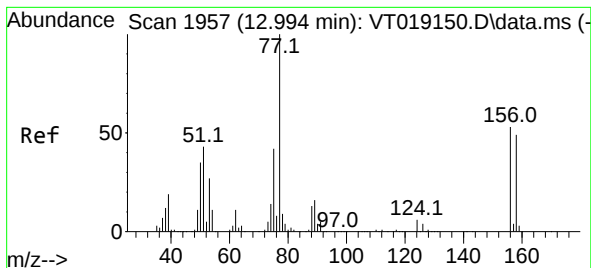
Tgt Ion: 75 Resp: 65596

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.660 ug/l

RT: 13.053 min Scan# 1967

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

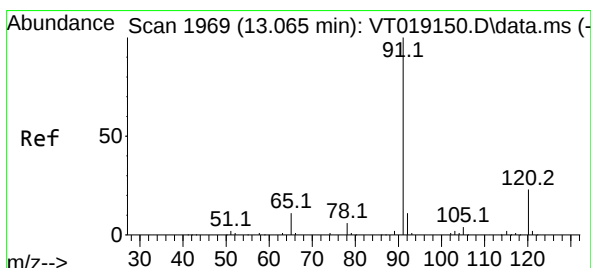
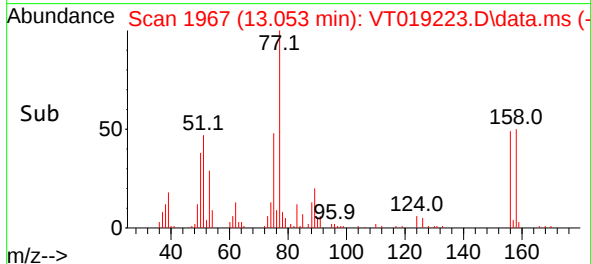
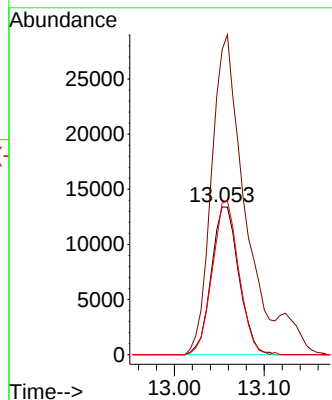
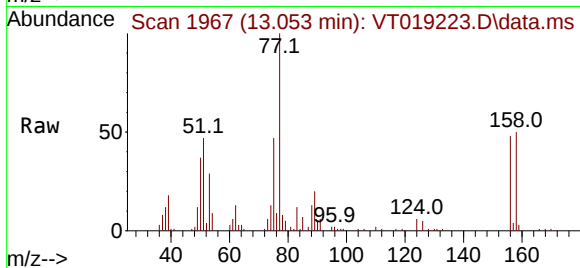
Tgt Ion:156 Resp: 28527

Ion Ratio Lower Upper

156 100

77 253.6 113.1 339.3

158 100.4 48.0 144.0



#78

n-propylbenzene

Concen: 19.175 ug/l

RT: 13.124 min Scan# 1979

Delta R.T. 0.053 min

Lab File: VT019223.D

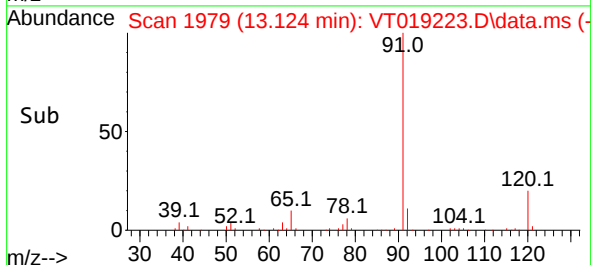
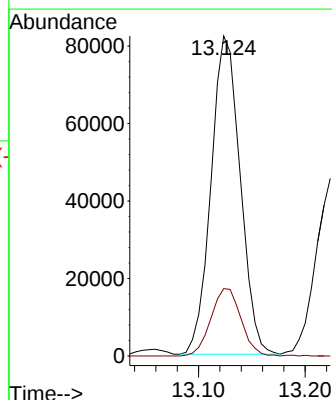
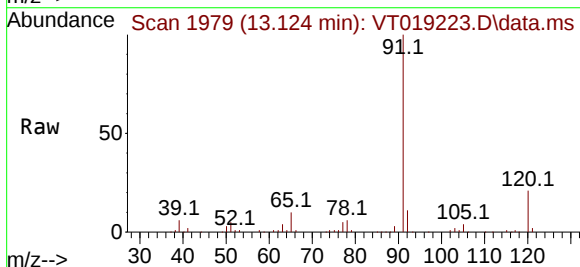
Acq: 31 Oct 2025 12:23

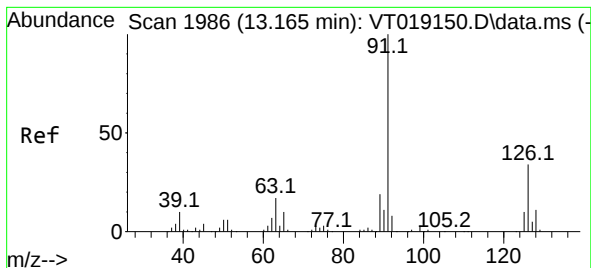
Tgt Ion: 91 Resp: 155787

Ion Ratio Lower Upper

91 100

120 21.8 11.6 34.8





#79

2-Chlorotoluene

Concen: 19.825 ug/l

RT: 13.224 min Scan# 1986

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

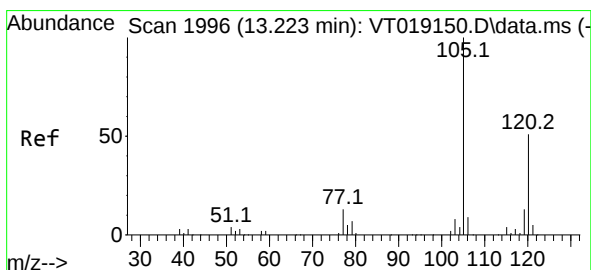
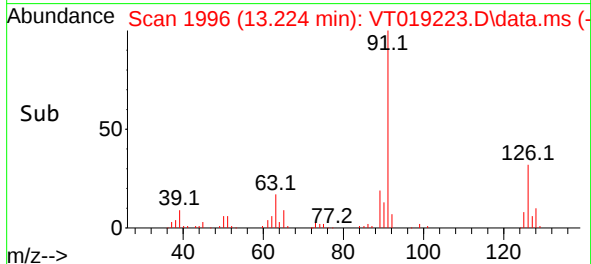
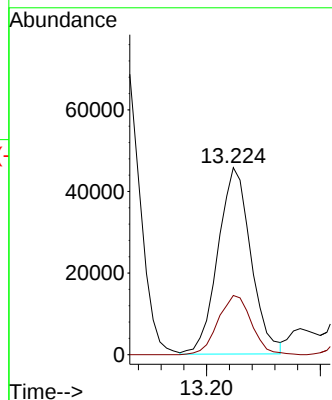
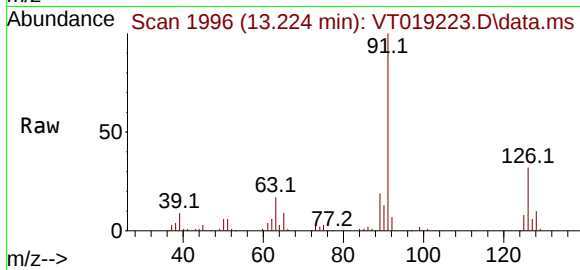
VT1031WBSD01

Tgt Ion: 91 Resp: 92277

Ion Ratio Lower Upper

91 100

126 32.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 19.483 ug/l

RT: 13.282 min Scan# 2006

Delta R.T. 0.053 min

Lab File: VT019223.D

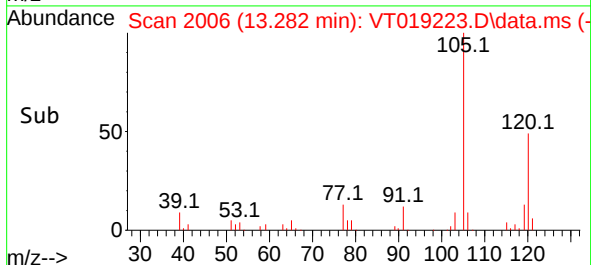
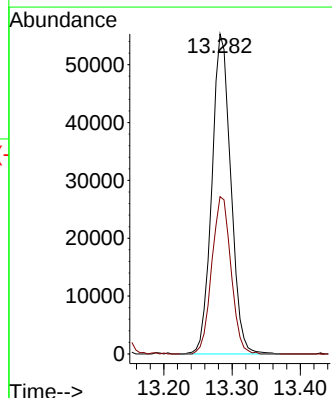
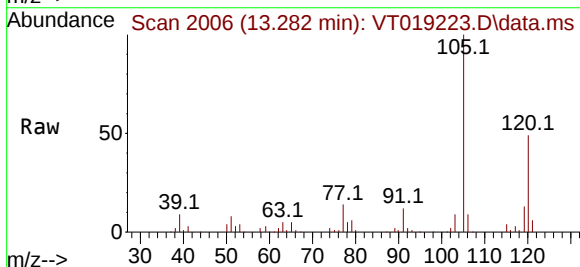
Acq: 31 Oct 2025 12:23

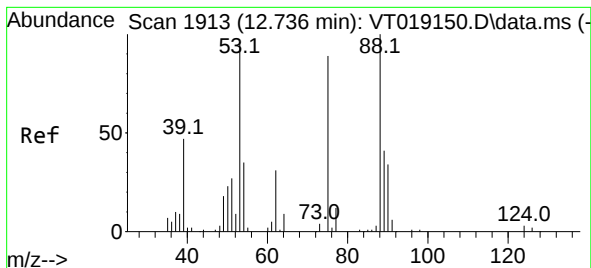
Tgt Ion:105 Resp: 107019

Ion Ratio Lower Upper

105 100

120 49.7 25.5 76.5

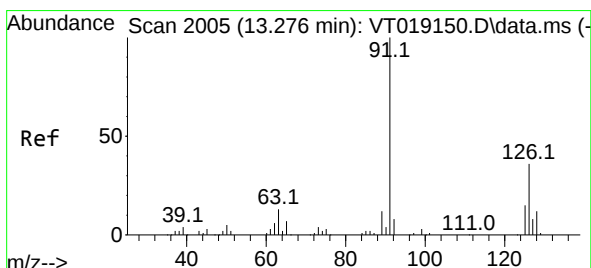
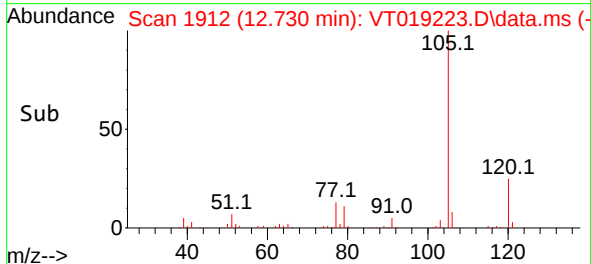
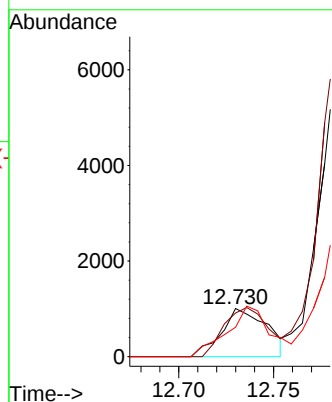
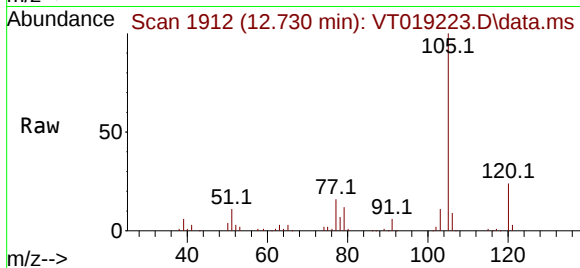




#81
trans-1,4-Dichloro-2-butene
Concen: 1.934 ug/l
RT: 12.730 min Scan# 1913
Delta R.T. -0.006 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

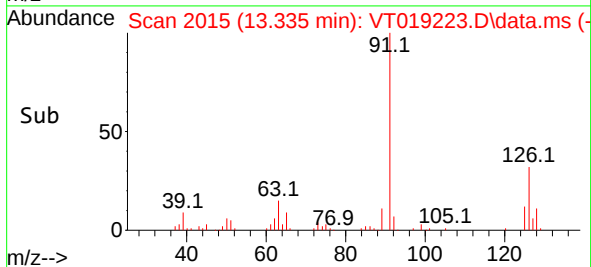
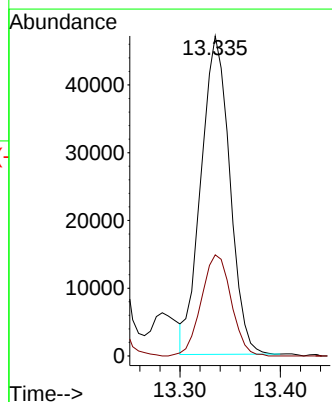
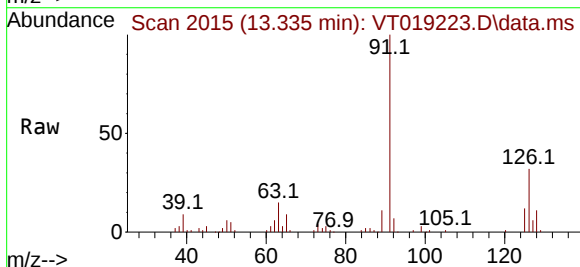
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

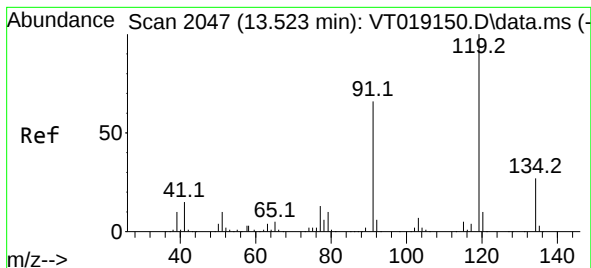
Tgt Ion: 75 Resp: 1685
Ion Ratio Lower Upper
75 100
53 99.2 86.0 129.0
89 99.3 36.3 54.5#



#82
4-Chlorotoluene
Concen: 19.777 ug/l
RT: 13.335 min Scan# 2015
Delta R.T. 0.053 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 91 Resp: 93677
Ion Ratio Lower Upper
91 100
126 33.0 16.9 50.7





#83

tert-Butylbenzene

Concen: 20.276 ug/l

RT: 13.582 min Scan# 2047

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

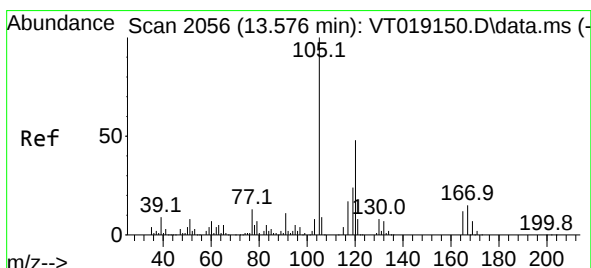
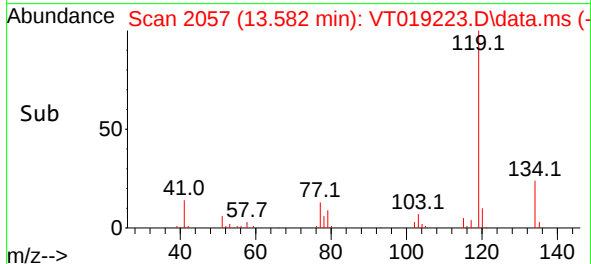
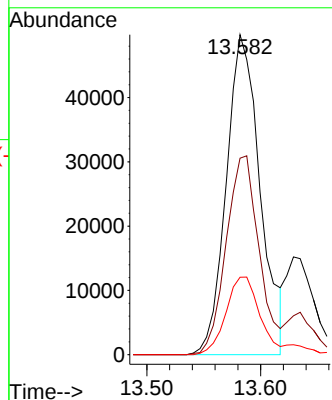
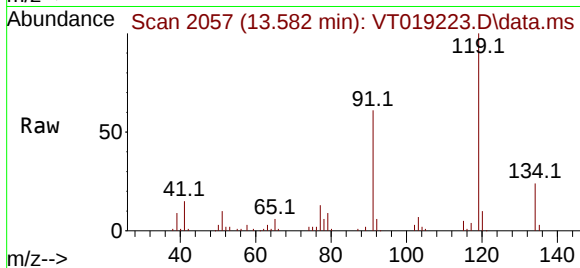
Tgt Ion:119 Resp: 103084

Ion Ratio Lower Upper

119 100

91 60.7 32.9 98.6

134 26.3 14.8 44.3



#84

1,2,4-Trimethylbenzene

Concen: 19.594 ug/l

RT: 13.635 min Scan# 2066

Delta R.T. 0.053 min

Lab File: VT019223.D

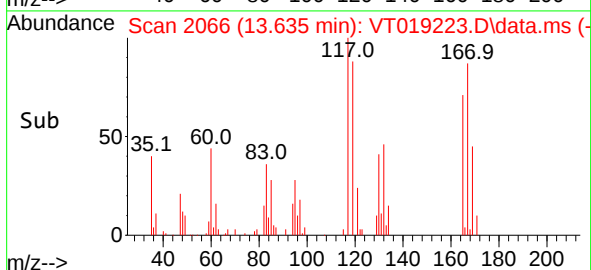
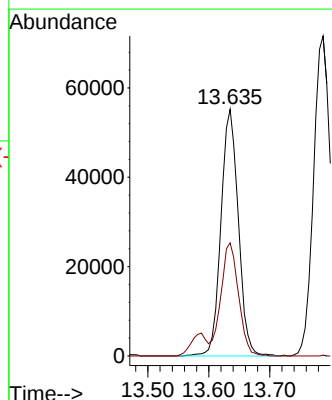
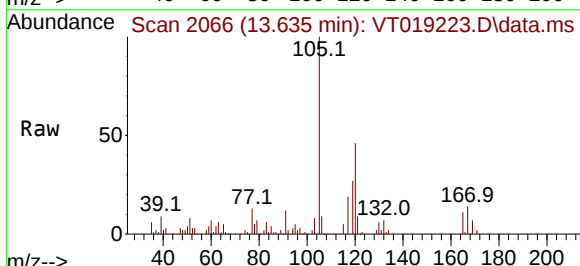
Acq: 31 Oct 2025 12:23

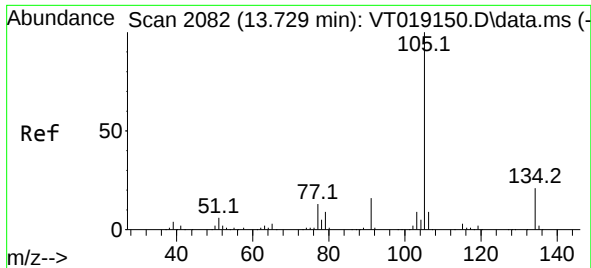
Tgt Ion:105 Resp: 109306

Ion Ratio Lower Upper

105 100

120 46.7 23.7 71.1

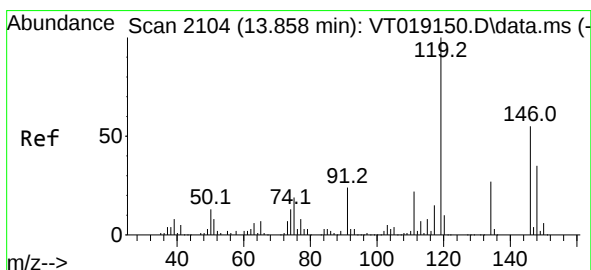
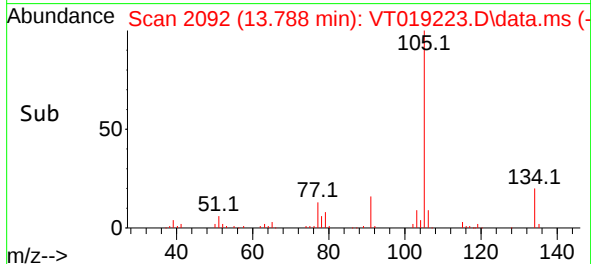
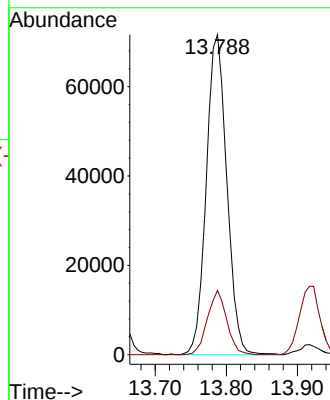
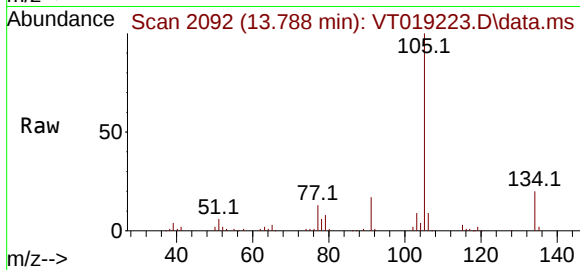




#85
 sec-Butylbenzene
 Concen: 19.264 ug/l
 RT: 13.788 min Scan# 2082
 Delta R.T. 0.059 min
 Lab File: VT019223.D
 Acq: 31 Oct 2025 12:23

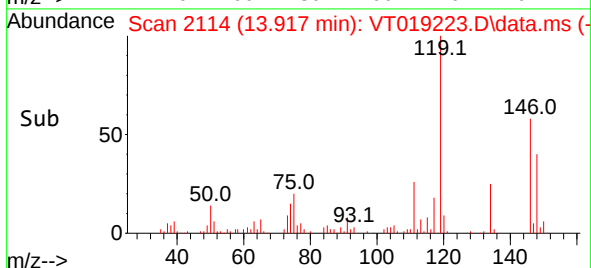
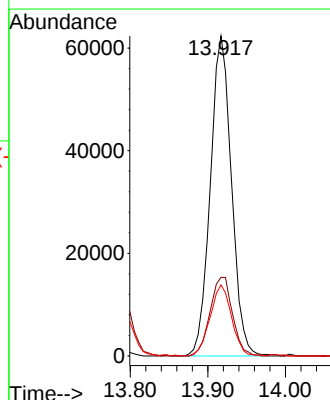
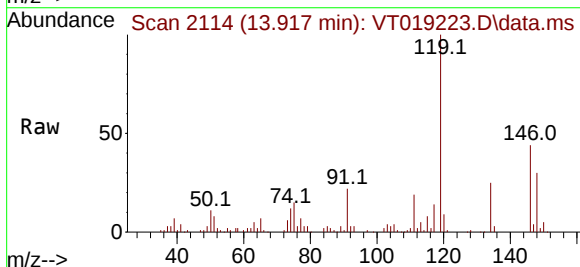
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1031WBSD01

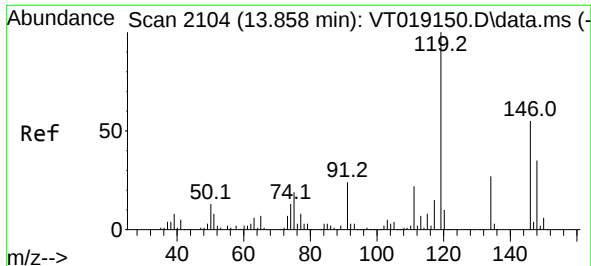
Tgt Ion:105 Resp: 143652
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.7 32.1



#86
 p-Isopropyltoluene
 Concen: 19.015 ug/l
 RT: 13.917 min Scan# 2114
 Delta R.T. 0.053 min
 Lab File: VT019223.D
 Acq: 31 Oct 2025 12:23

Tgt Ion:119 Resp: 118390
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.4 40.1
 91 22.6 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 19.582 ug/l

RT: 13.917 min Scan# 2114

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

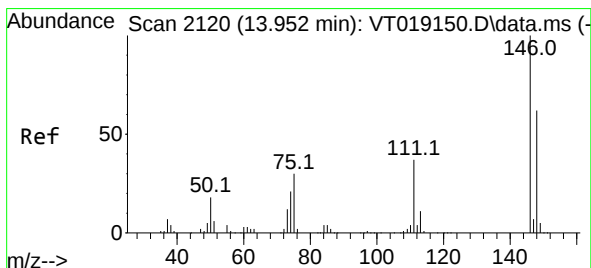
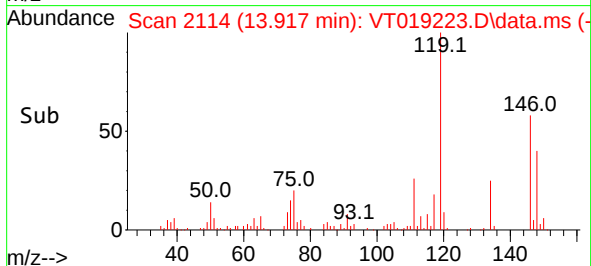
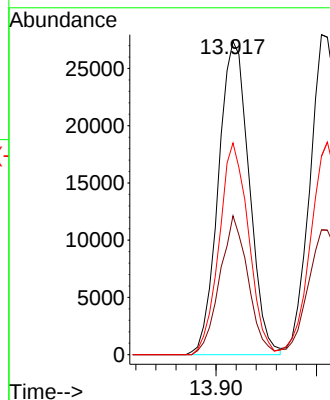
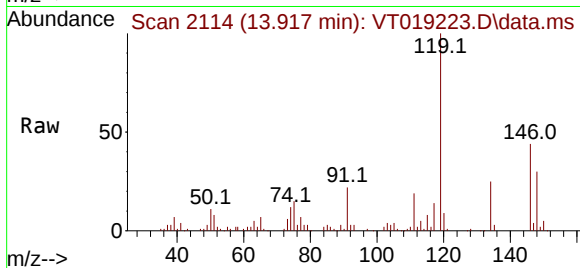
Tgt Ion:146 Resp: 58294

Ion Ratio Lower Upper

146 100

111 40.6 20.3 60.9

148 64.4 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.439 ug/l

RT: 13.917 min Scan# 2114

Delta R.T. -0.035 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

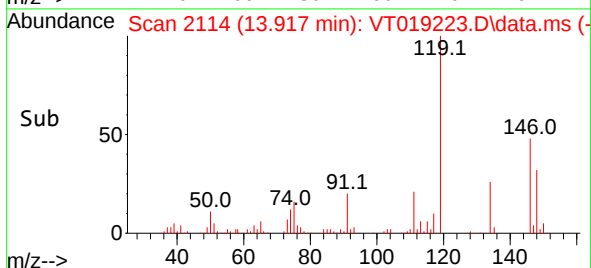
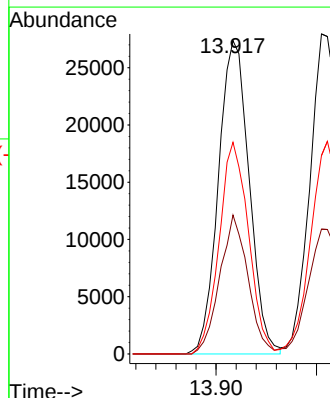
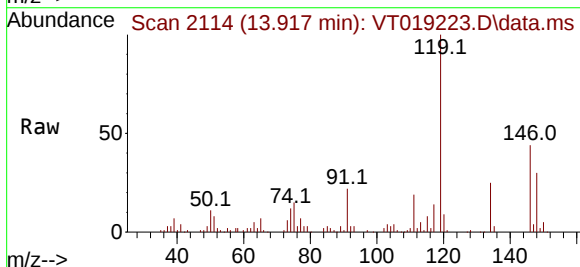
Tgt Ion:146 Resp: 58294

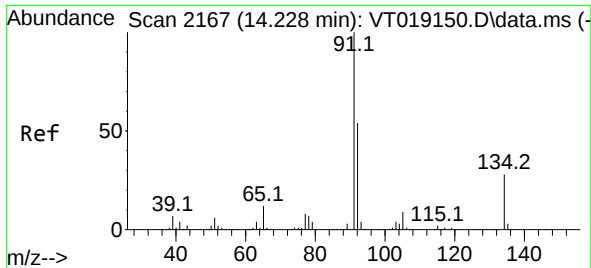
Ion Ratio Lower Upper

146 100

111 40.6 19.3 57.8

148 64.4 31.8 95.4





#89

n-Butylbenzene

Concen: 19.240 ug/l

RT: 14.287 min Scan# 2167

Delta R.T. 0.053 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

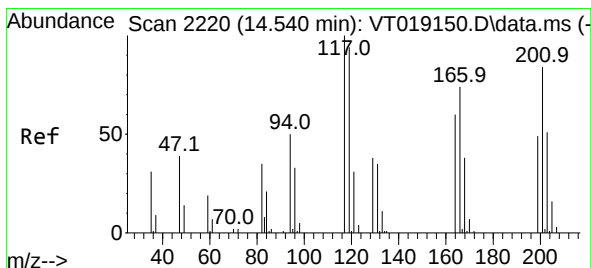
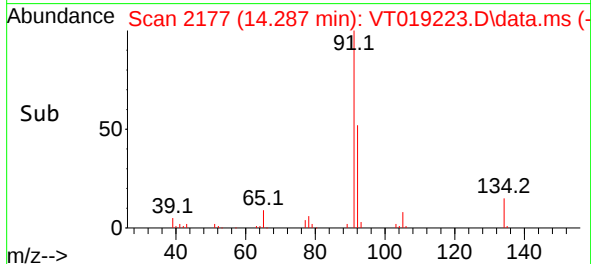
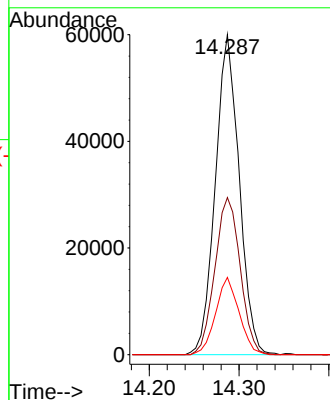
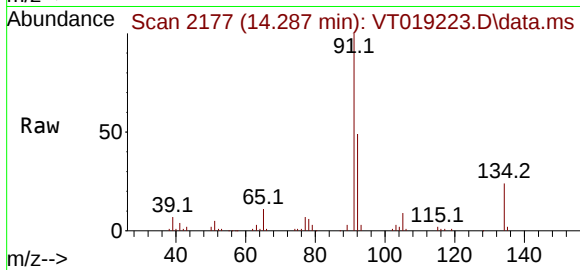
Tgt Ion: 91 Resp: 110651

Ion Ratio Lower Upper

91 100

92 51.9 27.1 81.2

134 23.8 13.7 41.0



#90

Hexachloroethane

Concen: 19.150 ug/l

RT: 14.604 min Scan# 2231

Delta R.T. 0.064 min

Lab File: VT019223.D

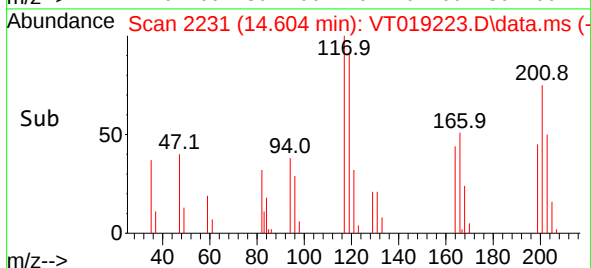
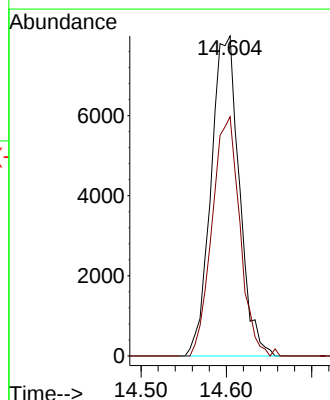
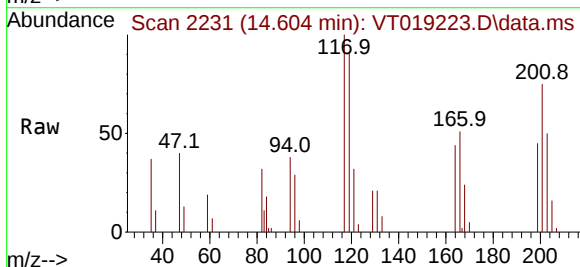
Acq: 31 Oct 2025 12:23

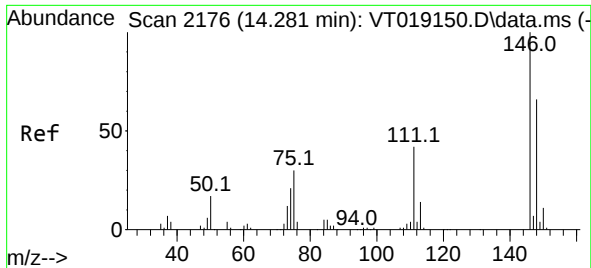
Tgt Ion: 117 Resp: 18395

Ion Ratio Lower Upper

117 100

201 73.6 39.7 119.1

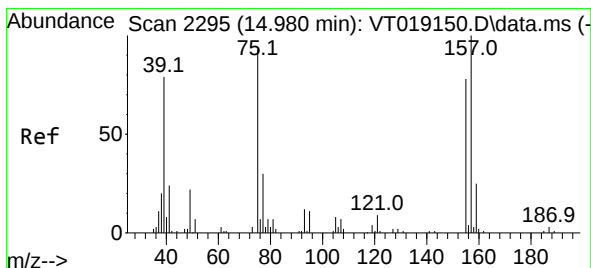
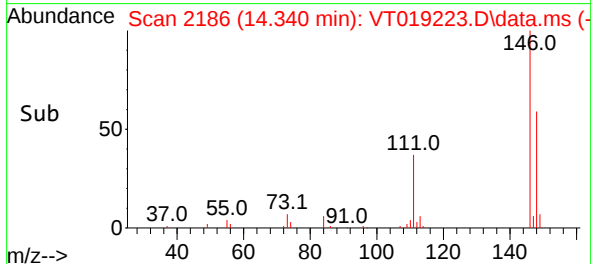
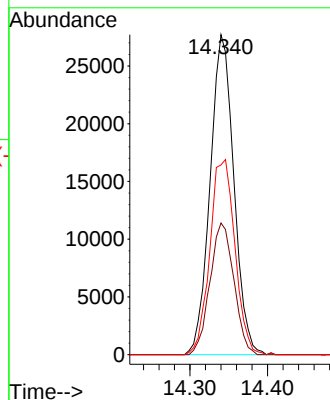
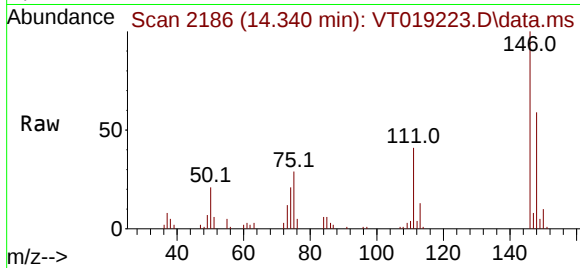




#91
1,2-Dichlorobenzene
Concen: 20.255 ug/l
RT: 14.340 min Scan# 2176
Delta R.T. 0.053 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

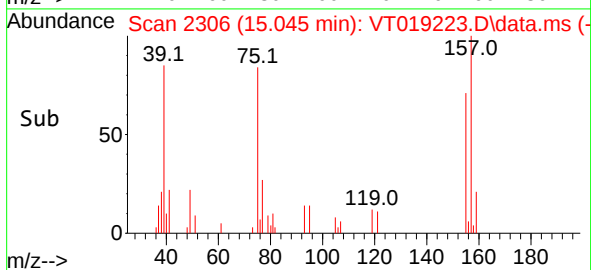
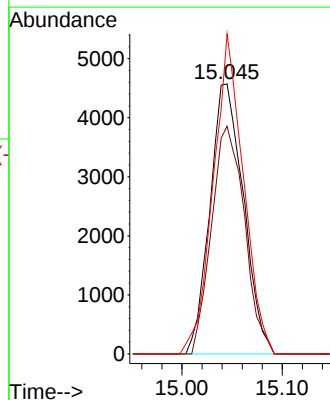
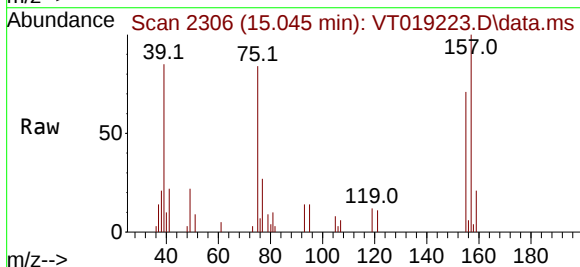
Instrument :
MSVOA_T
ClientSampleId :
VT1031WBSD01

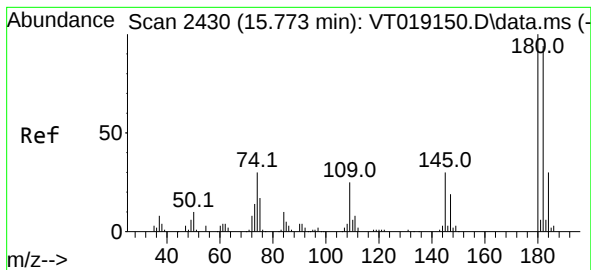
Tgt Ion:146 Resp: 59072
Ion Ratio Lower Upper
146 100
111 41.4 20.8 62.4
148 64.5 32.6 97.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.964 ug/l
RT: 15.045 min Scan# 2306
Delta R.T. 0.059 min
Lab File: VT019223.D
Acq: 31 Oct 2025 12:23

Tgt Ion: 75 Resp: 10594
Ion Ratio Lower Upper
75 100
155 83.2 42.9 128.7
157 106.8 54.9 164.8





#93

1,2,4-Trichlorobenzene

Concen: 19.842 ug/l

RT: 15.844 min Scan# 2430

Delta R.T. 0.071 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

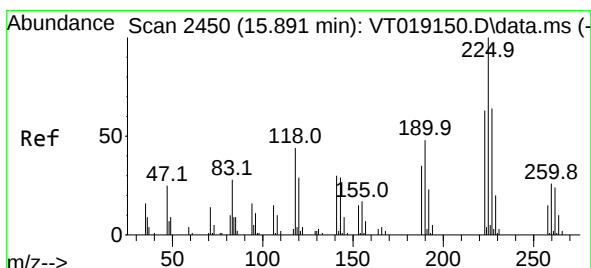
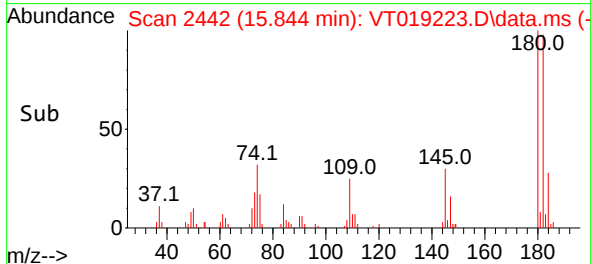
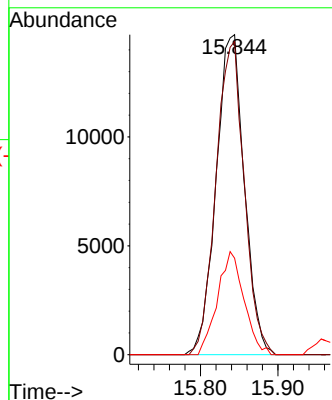
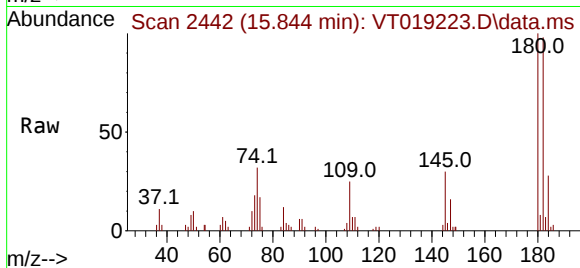
Tgt Ion:180 Resp: 37218

Ion Ratio Lower Upper

180 100

182 97.8 47.0 141.0

145 30.2 15.0 45.0



#94

Hexachlorobutadiene

Concen: 18.968 ug/l

RT: 15.962 min Scan# 2462

Delta R.T. 0.065 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

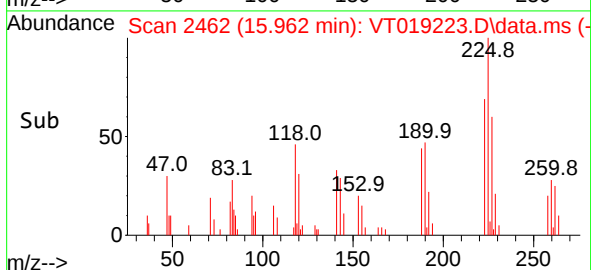
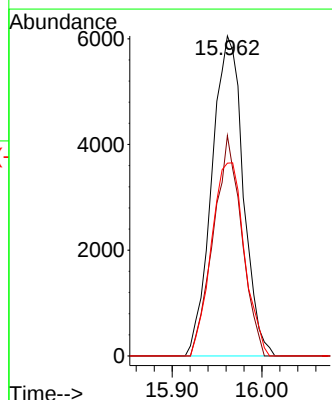
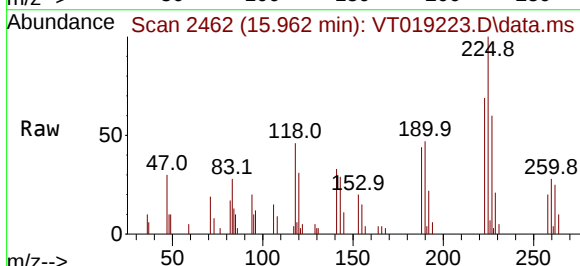
Tgt Ion:225 Resp: 14674

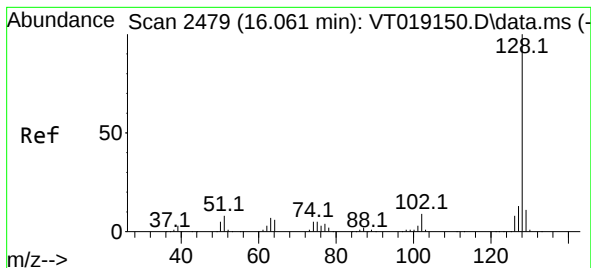
Ion Ratio Lower Upper

225 100

223 62.3 31.1 93.5

227 63.6 31.9 95.9





#95

Naphthalene

Concen: 21.544 ug/l

RT: 16.132 min Scan# 2479

Delta R.T. 0.071 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Instrument :

MSVOA_T

ClientSampleId :

VT1031WBSD01

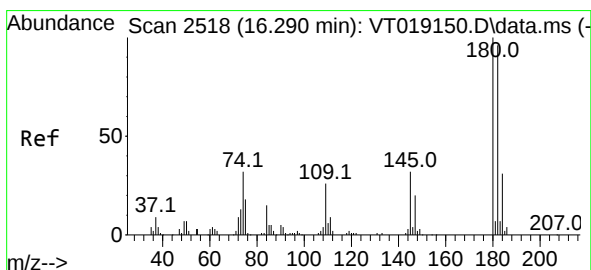
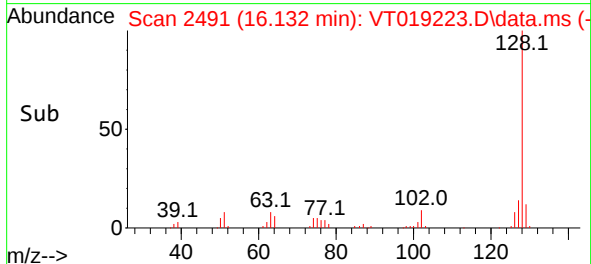
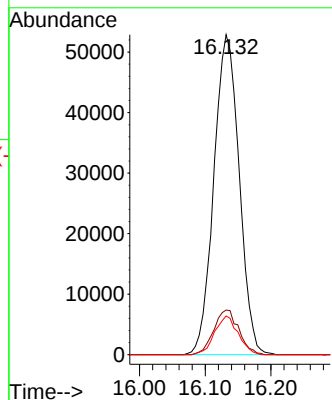
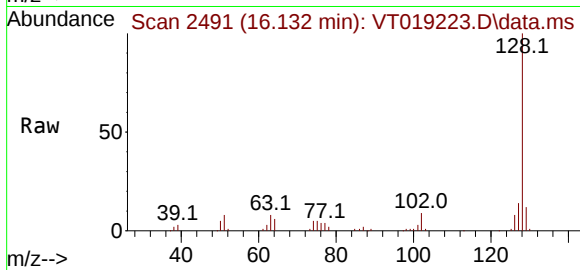
Tgt Ion:128 Resp: 141493

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 20.497 ug/l

RT: 16.367 min Scan# 2531

Delta R.T. 0.071 min

Lab File: VT019223.D

Acq: 31 Oct 2025 12:23

Tgt Ion:180 Resp: 37931

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.8

145 32.4 15.8 47.4

