

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102425\
 Data File : VT019174.D
 Acq On : 24 Oct 2025 10:34
 Operator : SY/MD
 Sample : VT1024WBSD01
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 VT1024WBSD01

Quant Time: Oct 25 01:41:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\624T102225W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 24 06:05:07 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.048	128	24694	30.000	ug/l	#-0.03
28) 1,4-Difluorobenzene	8.553	114	157222	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.725	117	127672	30.000	ug/l	-0.03
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.941	65	66244	30.619	ug/l	-0.03
Spiked Amount	30.000	Range	91 - 110	Recovery	= 102.067%	
60) 4-Bromofluorobenzene	12.859	95	59651	29.728	ug/l	-0.03
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.100%	
63) Toluene-d8	10.227	98	188201	30.286	ug/l	-0.03
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.967%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.872	85	14224	20.988	ug/l	97
3) Chloromethane	2.072	50	8004	5.145	ug/l	96
4) Vinyl Chloride	2.189	62	33198	19.095	ug/l	97
5) Bromomethane	2.542	94	25587	17.722	ug/l	88
6) Chloroethane	2.683	64	28198	18.391	ug/l	96
7) Trichlorofluoromethane	2.977	101	54238	19.237	ug/l	95
8) Diethyl Ether	3.347	74	30060	17.316	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.670	101	23288	21.038	ug/l	96
10) 1,1-Dichloroethene	3.646	96	22671	20.444	ug/l	99
11) Methyl Iodide	3.852	142	22501	20.822	ug/l #	11
12) Methyl Acetate	4.205	43	86090	19.632	ug/l	98
13) Acrolein	3.529	56	15449	104.461	ug/l	99
14) Acrylonitrile	4.822	53	118434	87.625	ug/l	99
15) Acetone	3.723	58	37431	77.729	ug/l	97
16) Carbon Disulfide	3.946	76	39075	18.867	ug/l	99
17) Allyl chloride	4.199	41	43792	16.613	ug/l	88
18) Methylene Chloride	4.410	84	29264	17.694	ug/l	95
19) trans-1,2-Dichloroethene	6.661	96	32721	19.179	ug/l	90
20) Diisopropyl ether	5.779	45	124537	18.559	ug/l #	65
21) 1,1-Dichloroethane	5.674	63	57917	18.472	ug/l	99
22) cis-1,2-Dichloroethene	6.661	96	32721	19.179	ug/l	96
23) tert-Butyl Alcohol	4.639	59	53289	89.992	ug/l #	100
24) Methyl tert-Butyl Ether	4.886	73	121107	18.175	ug/l	97
25) Chloroform	7.242	83	53563	18.675	ug/l	96
26) Cyclohexane	7.536	56	36749	19.973	ug/l #	98
29) 1,1-Dichloropropene	7.683	75	31870	19.372	ug/l	96
30) 2-Butanone	6.672	43	165839	81.782	ug/l	98
31) 2,2-Dichloropropane	6.661	77	47241	19.613	ug/l	93
32) 1,1,1-Trichloroethane	7.448	97	41094	19.826	ug/l #	78
33) Carbon Tetrachloride	7.671	117	27983	21.071	ug/l #	95
34) Benzene	7.953	78	111994	18.374	ug/l #	76
35) Methacrylonitrile	7.019	41	29599	17.149	ug/l	95
36) 1,2-Dichloroethane	8.047	62	41312	18.283	ug/l	97
37) Trichloroethene	8.829	130	21049	18.772	ug/l	97
38) Methylcyclohexane	9.099	83	34931	21.084	ug/l	94
39) 1,2-Dichloropropane	9.140	63	28536	17.876	ug/l	93
40) Dibromomethane	9.240	93	17441	17.719	ug/l #	74
41) Bromodichloromethane	10.762	83	23285	18.417	ug/l #	92
42) Vinyl Acetate	5.721	43	449066	90.260	ug/l	99

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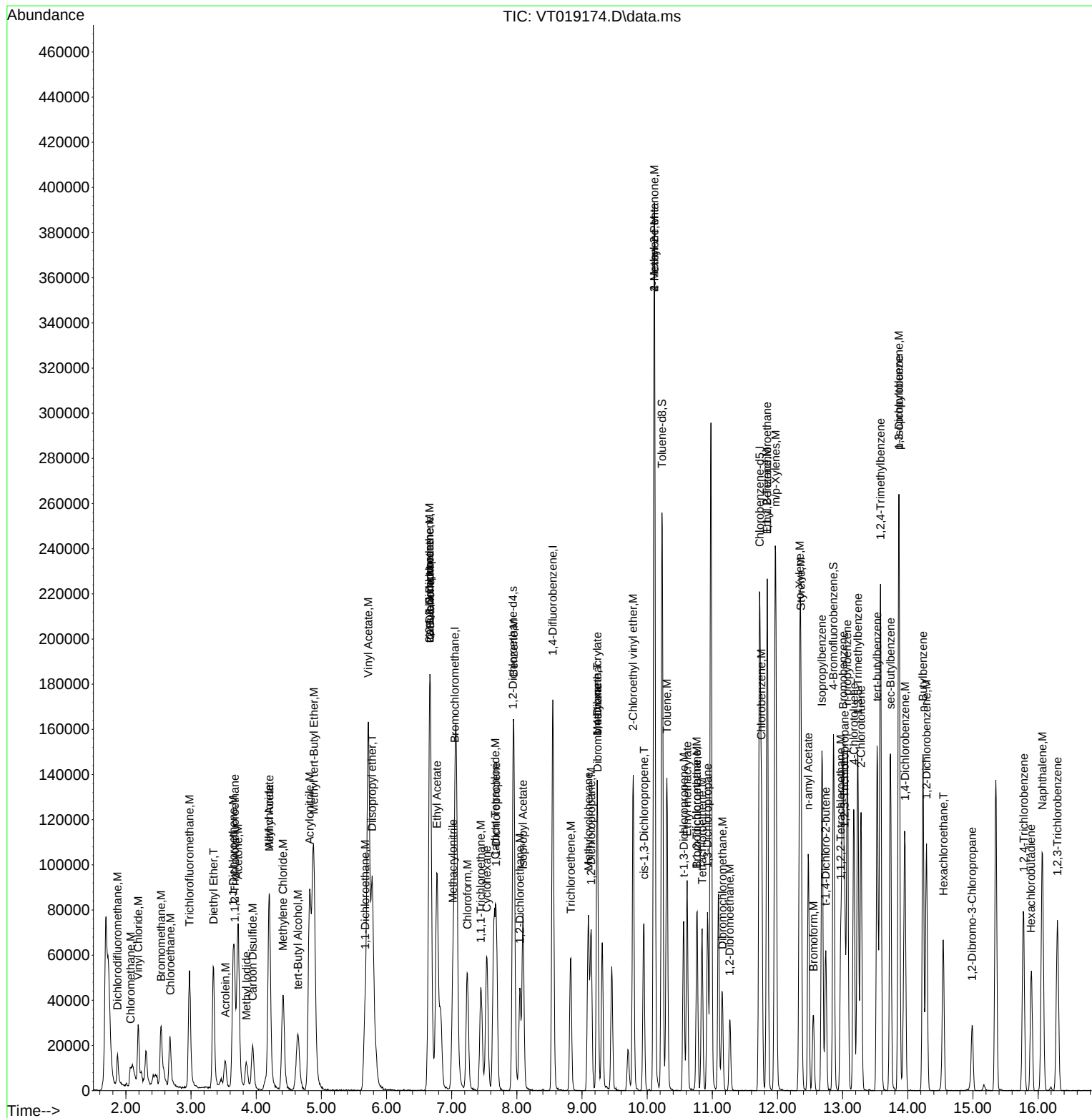
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.772	43	58976	17.692	ug/l	97
44) Isopropyl Acetate	8.094	43	93959	17.909	ug/l	97
45) 1,4-Dioxane	9.234	88	15992	351.365	ug/l #	76
46) Methyl methacrylate	9.234	41	42366	18.060	ug/l	78
47) n-amyl Acetate	12.472	43	64100	18.156	ug/l	100
48) t-1,3-Dichloropropene	10.562	75	43481	18.954	ug/l	99
49) cis-1,3-Dichloropropene	9.951	75	44678	18.540	ug/l	99
50) 1,1,2-Trichloroethane	10.762	97	26795	18.509	ug/l #	84
51) Ethyl methacrylate	10.615	69	48577	17.905	ug/l	92
52) 1,3-Dichloropropane	10.926	76	47219	18.261	ug/l	99
53) Dibromochloromethane	11.155	129	25238	18.689	ug/l #	1
54) 1,2-Dibromoethane	11.267	107	24270	18.024	ug/l	96
55) 2-Chloroethyl vinyl ether	9.786	63	65012	82.160	ug/l	99
56) Bromoform	12.554	173	17817	20.069	ug/l #	21
58) 4-Methyl-2-Pentanone	10.110	43	276514	88.439	ug/l	99
59) 2-Hexanone	10.110	43	276514	88.439	ug/l #	82
61) Tetrachloroethene	10.844	164	16632	20.610	ug/l	95
62) Toluene	10.303	91	110197	19.270	ug/l	98
64) Chlorobenzene	11.755	112	66617	19.072	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.843	131	22951	20.172	ug/l	93
66) Ethyl Benzene	11.843	91	121990	19.629	ug/l	99
67) m/p-Xylenes	11.972	106	89455	38.720	ug/l	98
68) o-Xylene	12.342	106	45430	19.051	ug/l	96
69) Styrene	12.360	104	81397	19.012	ug/l	96
70) Isopropylbenzene	12.683	105	117961	20.167	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.971	83	42910	18.697	ug/l	97
72) 1,2,3-Trichloropropane	13.030	75	59016	34.836	ug/l #	1
73) Bromobenzene	13.006	156	26672	19.391	ug/l	65
74) n-propylbenzene	13.071	91	144227	20.449	ug/l	98
75) 2-Chlorotoluene	13.282	91	85036	19.694	ug/l	97
76) 1,3,5-Trimethylbenzene	13.235	105	97161	20.247	ug/l	96
77) t-1,4-Dichloro-2-butene	12.742	75	15846	19.251	ug/l	84
78) 4-Chlorotoluene	13.171	91	84887	19.930	ug/l	93
79) tert-butylbenzene	13.529	119	85017	19.948	ug/l	93
80) 1,2,4-Trimethylbenzene	13.582	105	97405	19.455	ug/l	98
81) sec-Butylbenzene	13.735	105	129363	21.065	ug/l	99
82) p-Isopropyltoluene	13.864	119	107723	21.085	ug/l	98
83) 1,3-Dichlorobenzene	13.864	146	53999	20.018	ug/l	99
84) 1,4-Dichlorobenzene	13.958	146	53718	19.779	ug/l	99
85) n-Butylbenzene	14.234	91	99874	21.360	ug/l	99
86) Hexachloroethane	14.546	117	15889	23.207	ug/l #	1
87) 1,2-Dichlorobenzene	14.287	146	53161	19.727	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.986	75	9351	18.545	ug/l	95
89) 1,2,4-Trichlorobenzene	15.780	180	33636	20.503	ug/l	98
90) Hexachlorobutadiene	15.891	225	13209	24.284	ug/l	84
91) Naphthalene	16.067	128	130171	20.529	ug/l	99
92) 1,2,3-Trichlorobenzene	16.297	180	34590	20.889	ug/l	98

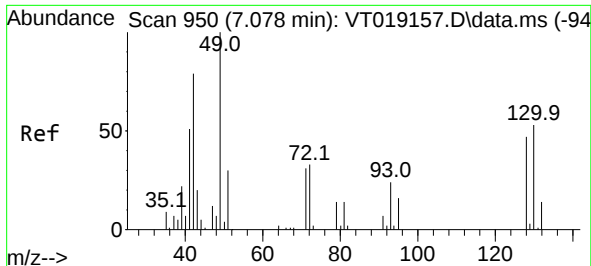
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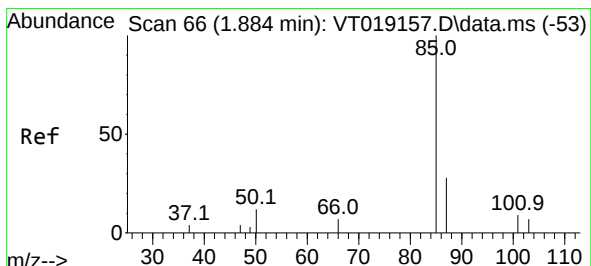
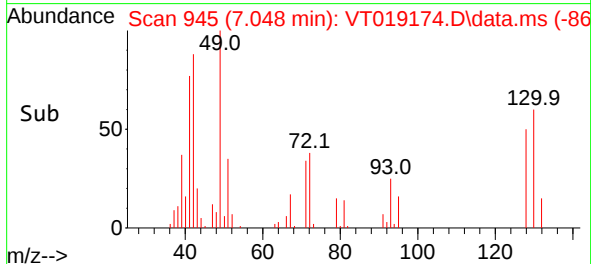
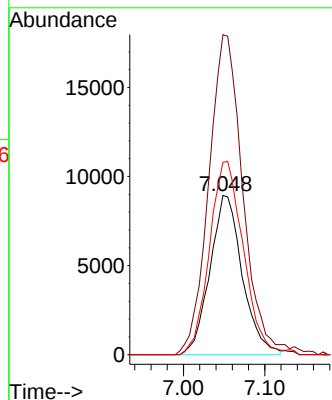
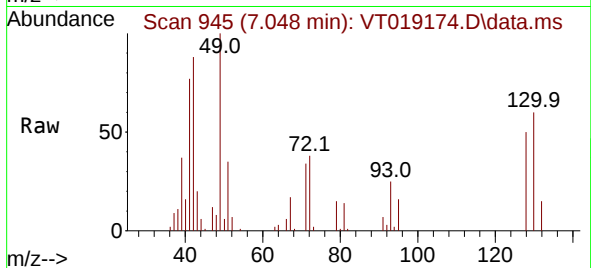




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.048 min Scan# 94
Delta R.T. -0.030 min
Lab File: VT019174.D
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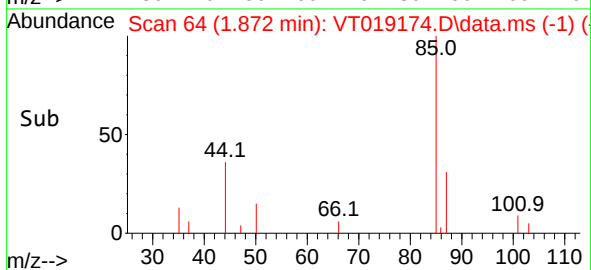
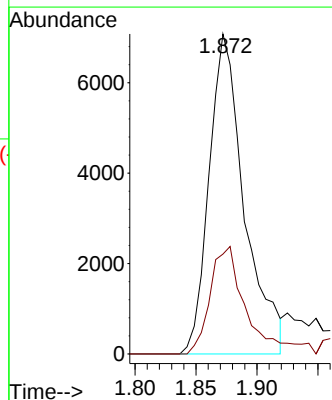
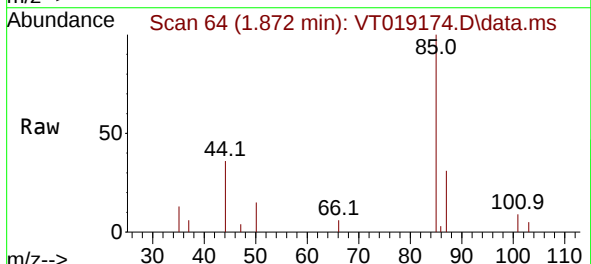
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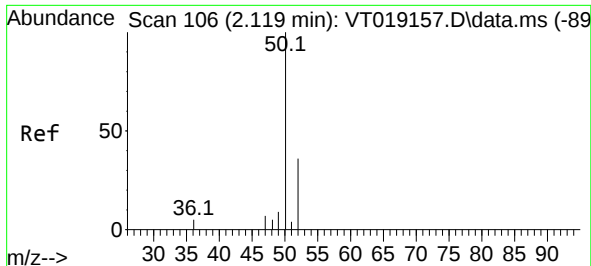
Tgt Ion:128 Resp: 24694
Ion Ratio Lower Upper
128 100
49 209.1 0.0 0.0#
130 127.5 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 20.988 ug/l
RT: 1.872 min Scan# 64
Delta R.T. -0.006 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 85 Resp: 14224
Ion Ratio Lower Upper
85 100
87 31.2 16.4 49.1

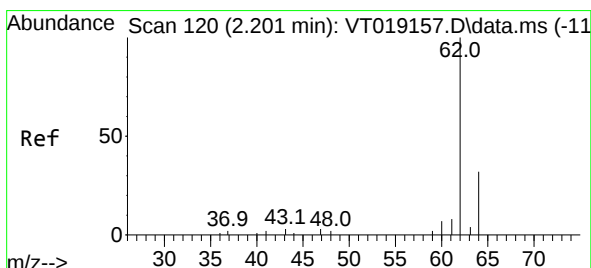
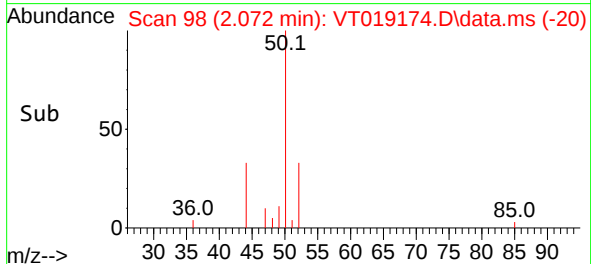
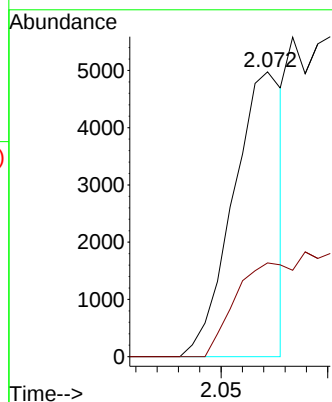
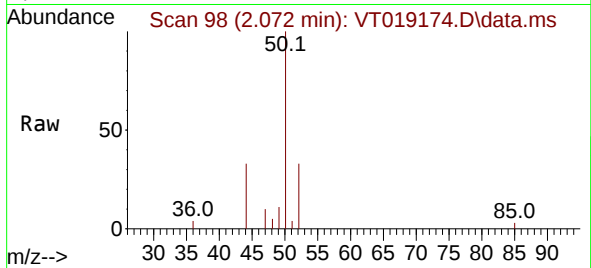




#3
Chloromethane
Concen: 5.145 ug/l
RT: 2.072 min Scan# 91
Delta R.T. -0.041 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

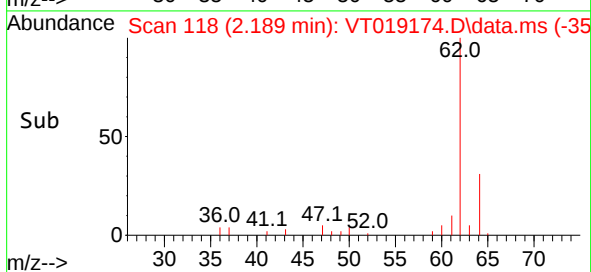
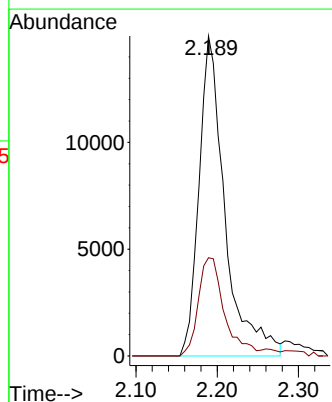
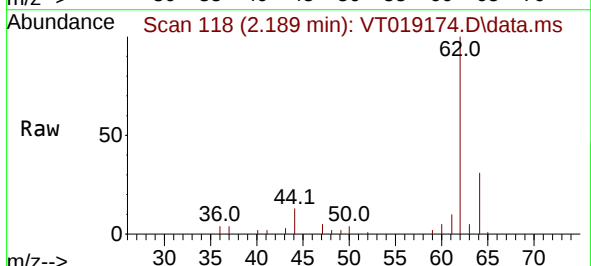
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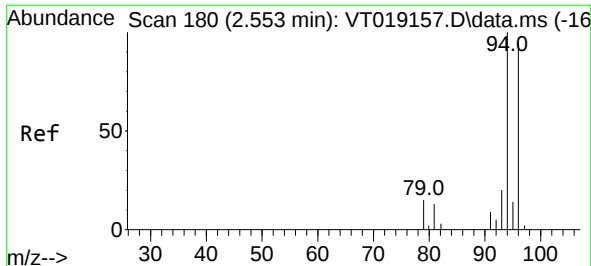
Tgt Ion: 50 Resp: 8004
Ion Ratio Lower Upper
50 100
52 32.9 24.4 36.6



#4
Vinyl Chloride
Concen: 19.095 ug/l
RT: 2.189 min Scan# 118
Delta R.T. -0.012 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 62 Resp: 33198
Ion Ratio Lower Upper
62 100
64 30.7 25.7 38.5

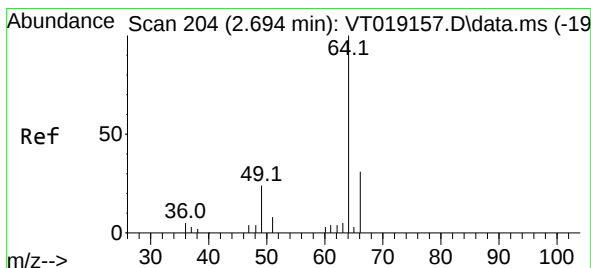
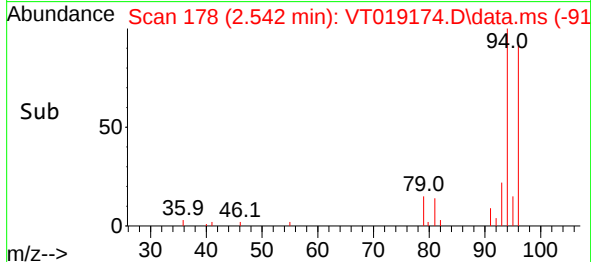
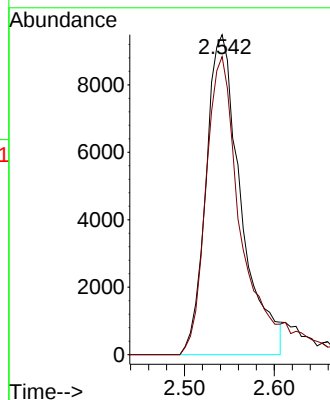
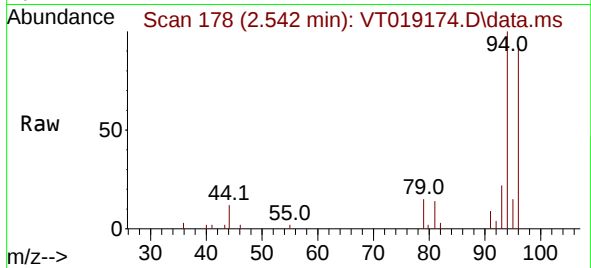




#5
Bromomethane
Concen: 17.722 ug/l
RT: 2.542 min Scan# 11
Delta R.T. 0.012 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

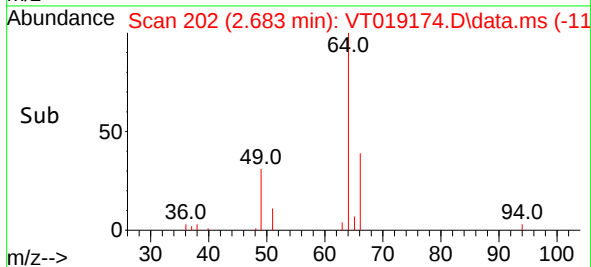
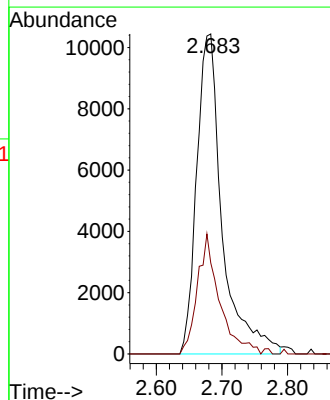
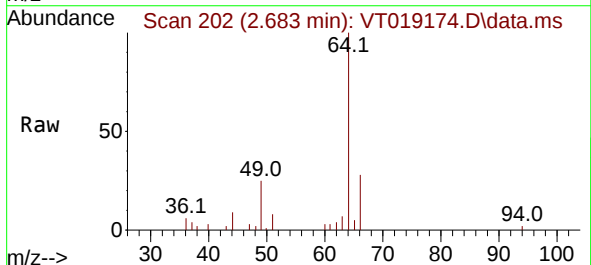
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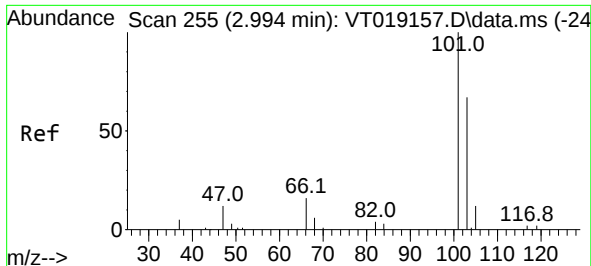
Tgt Ion: 94 Resp: 25587
Ion Ratio Lower Upper
94 100
96 93.1 66.0 99.0



#6
Chloroethane
Concen: 18.391 ug/l
RT: 2.683 min Scan# 202
Delta R.T. 0.006 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 64 Resp: 28198
Ion Ratio Lower Upper
64 100
66 28.5 24.3 36.5

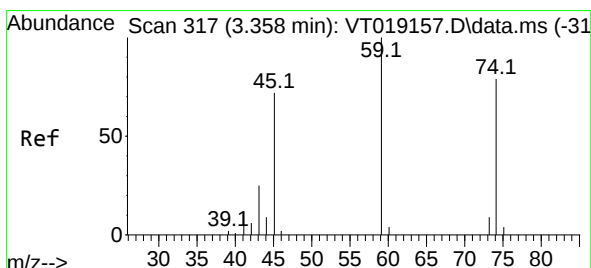
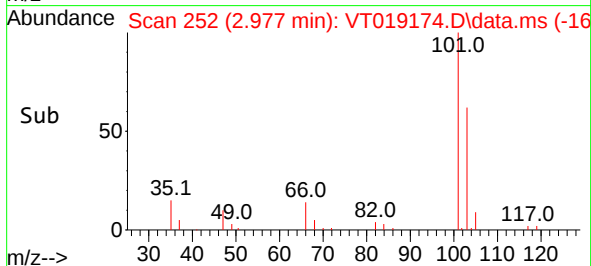
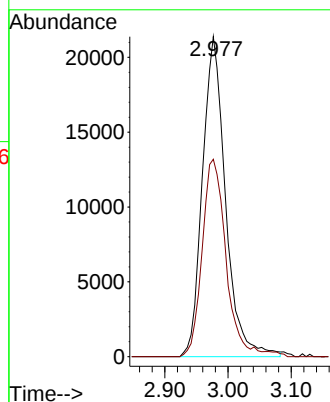
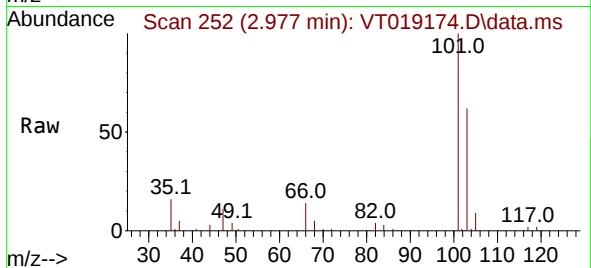




#7
Trichlorofluoromethane
Concen: 19.237 ug/l
RT: 2.977 min Scan# 210
Delta R.T. -0.005 min
Lab File: VT019174.D
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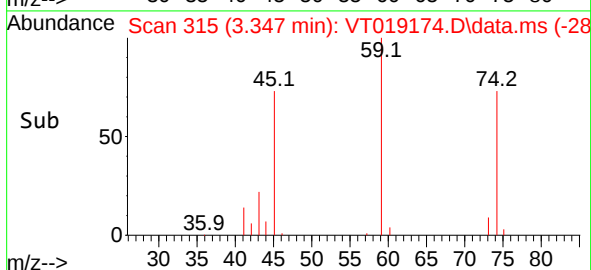
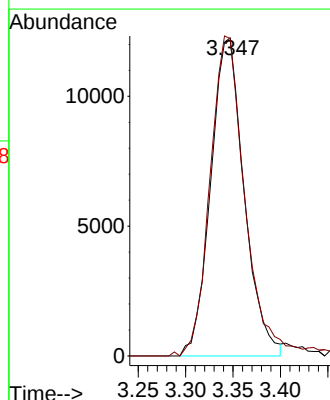
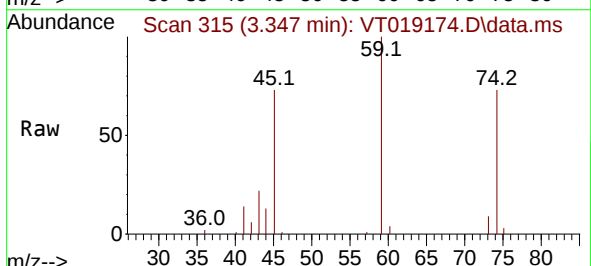
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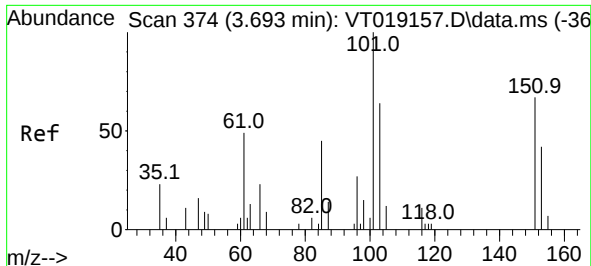
Tgt Ion:101 Resp: 54238
Ion Ratio Lower Upper
101 100
103 61.7 52.4 78.6



#8
Diethyl Ether
Concen: 17.316 ug/l
RT: 3.347 min Scan# 315
Delta R.T. -0.011 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 74 Resp: 30060
Ion Ratio Lower Upper
74 100
45 103.9 22.0 197.6

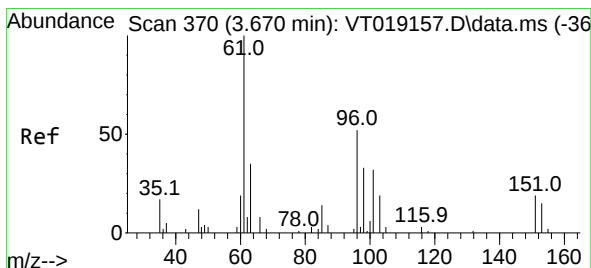
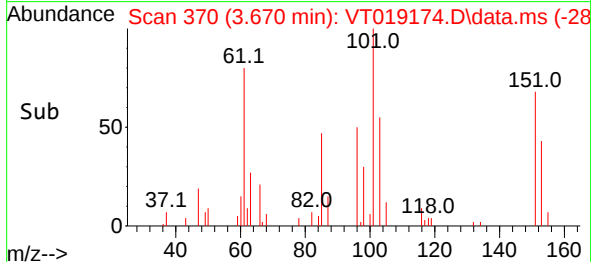
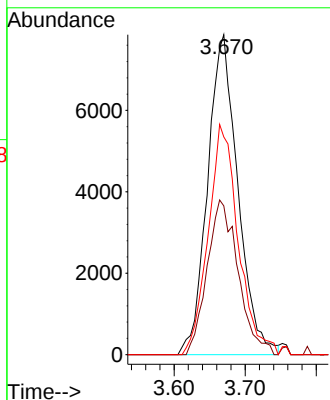
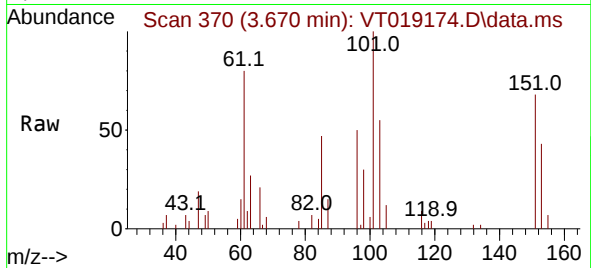




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.038 ug/l
RT: 3.670 min Scan# 31
Delta R.T. -0.012 min
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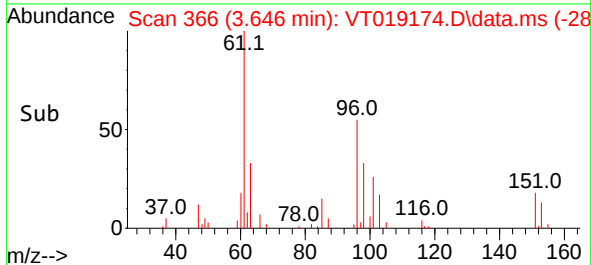
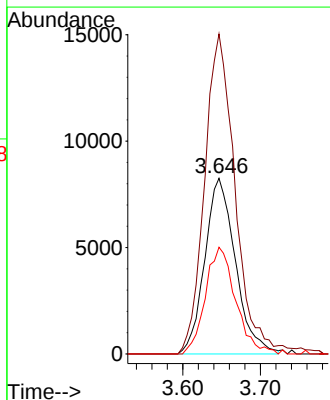
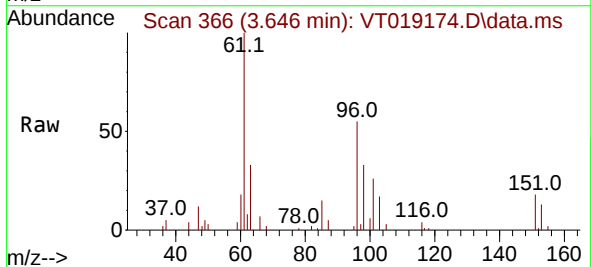
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

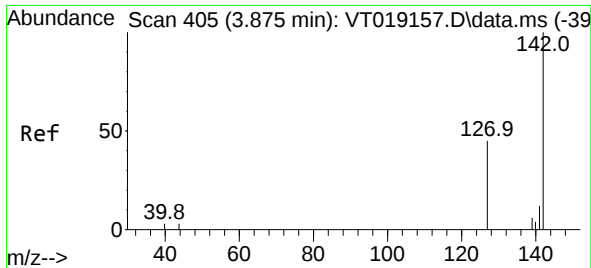
Tgt Ion:101 Resp: 23288
Ion Ratio Lower Upper
101 100
85 49.1 0.0 91.8
151 71.3 0.0 137.2



#10
1,1-Dichloroethene
Concen: 20.444 ug/l
RT: 3.646 min Scan# 366
Delta R.T. -0.024 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

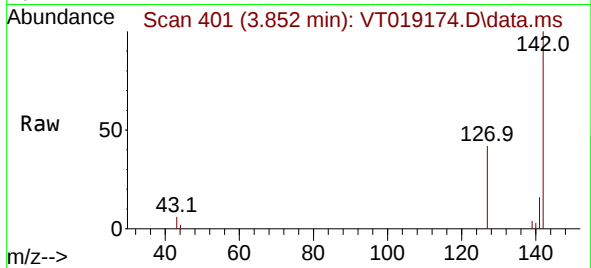
Tgt Ion: 96 Resp: 22671
Ion Ratio Lower Upper
96 100
61 182.2 145.5 218.3
98 60.8 49.5 74.3



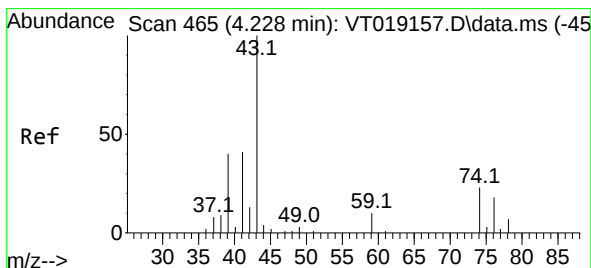
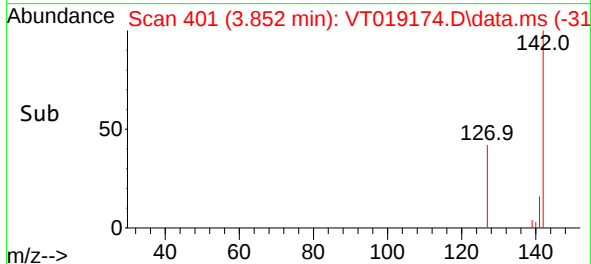
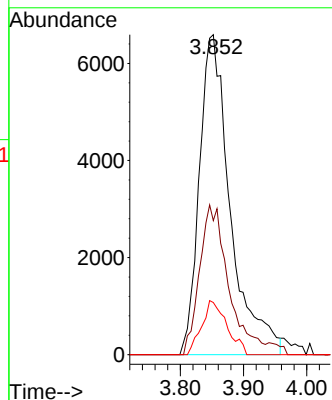


#11
Methyl Iodide
Concen: 20.822 ug/l
RT: 3.852 min Scan# 401
Delta R.T. -0.018 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

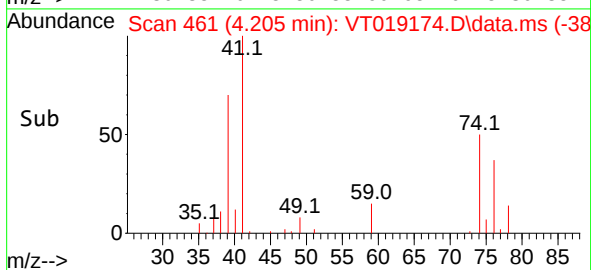
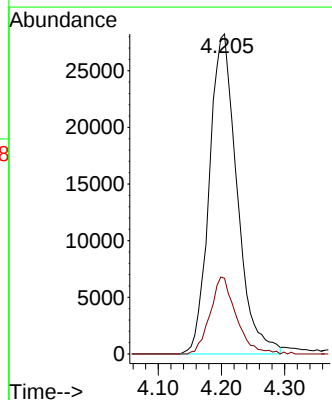
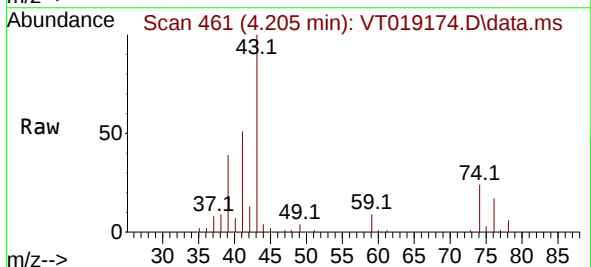


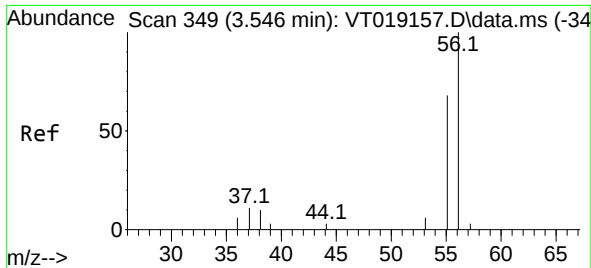
Tgt Ion:142 Resp: 22501
Ion Ratio Lower Upper
142 100
127 41.7 0.9 2.8#
141 16.7 55.5 166.5#



#12
Methyl Acetate
Concen: 19.632 ug/l
RT: 4.205 min Scan# 461
Delta R.T. -0.023 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 43 Resp: 86090
Ion Ratio Lower Upper
43 100
74 23.9 18.4 27.6





#13

Acrolein

Concen: 104.461 ug/l

RT: 3.529 min Scan# 34

Delta R.T. -0.017 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

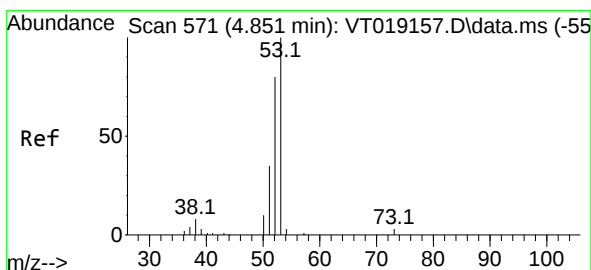
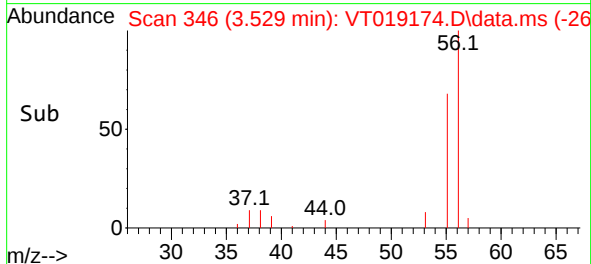
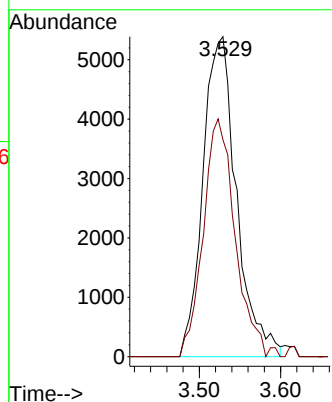
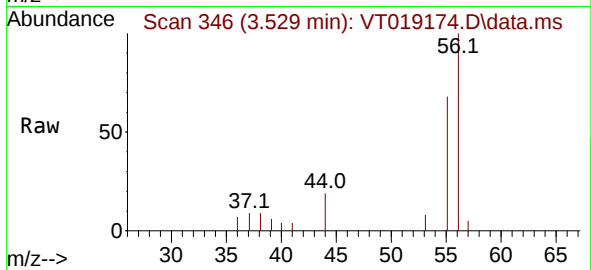
VT1024WBSD01

Tgt Ion: 56 Resp: 15449

Ion Ratio Lower Upper

56 100

55 70.2 56.8 85.2



#14

Acrylonitrile

Concen: 87.625 ug/l

RT: 4.822 min Scan# 566

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

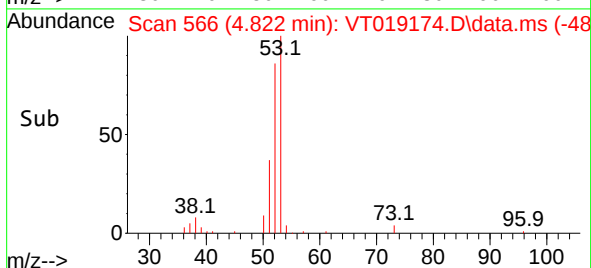
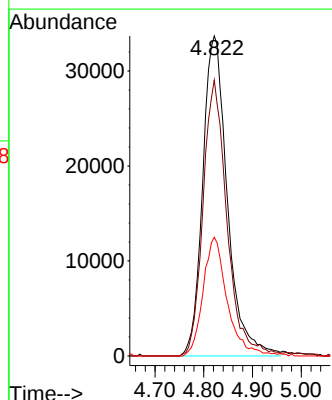
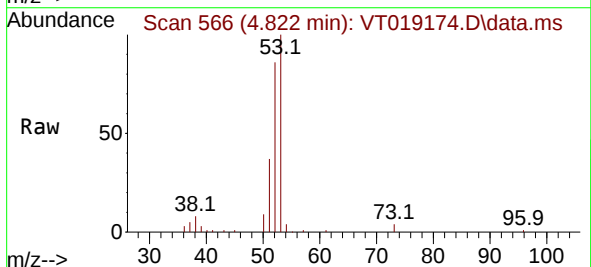
Tgt Ion: 53 Resp: 118434

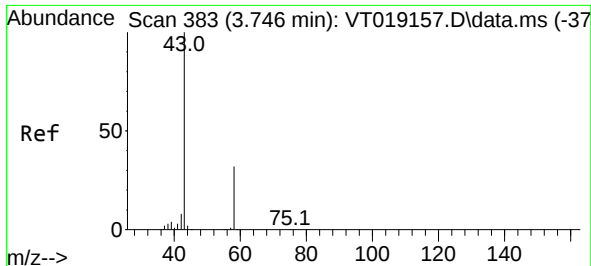
Ion Ratio Lower Upper

53 100

52 81.9 41.3 123.7

51 35.0 17.2 51.5

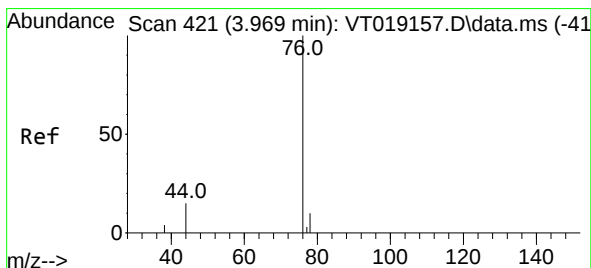
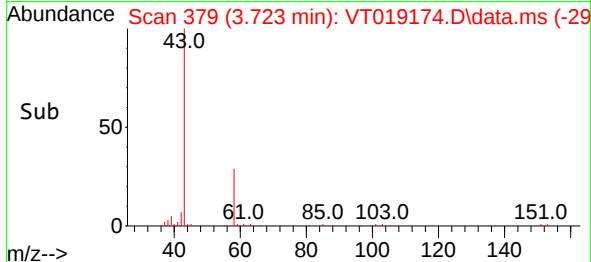
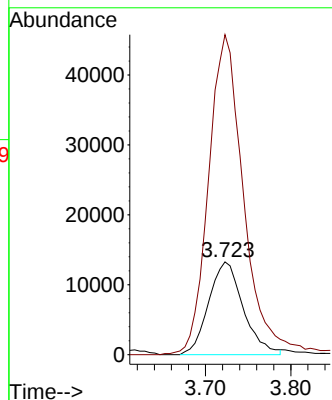
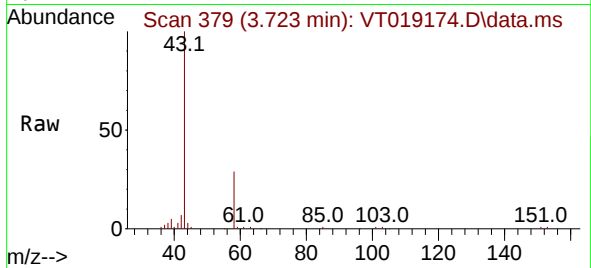




#15
Acetone
Concen: 77.729 ug/l
RT: 3.723 min Scan# 31
Delta R.T. -0.017 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

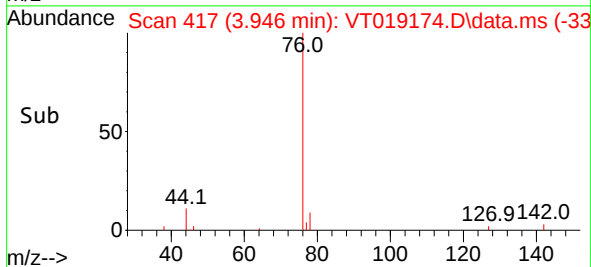
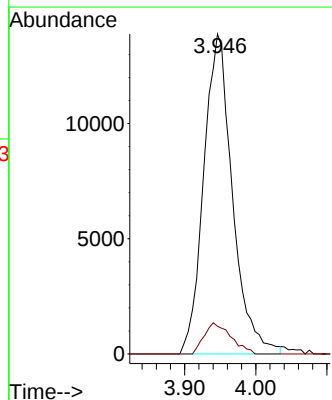
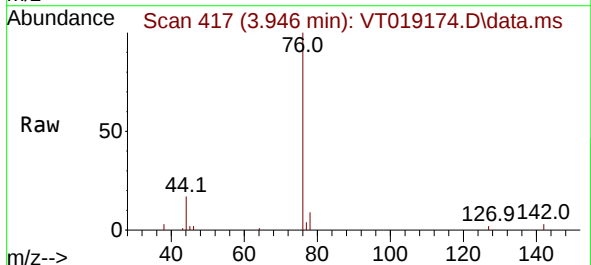
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

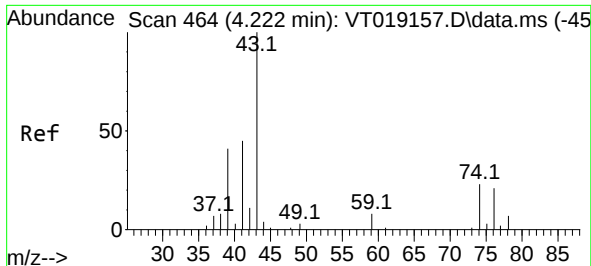
Tgt Ion: 58 Resp: 37431
Ion Ratio Lower Upper
58 100
43 340.5 266.9 400.3



#16
Carbon Disulfide
Concen: 18.867 ug/l
RT: 3.946 min Scan# 417
Delta R.T. -0.018 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 76 Resp: 39075
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7

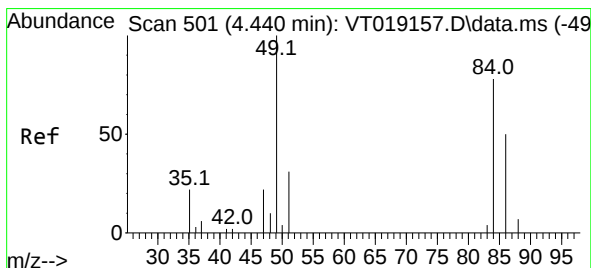
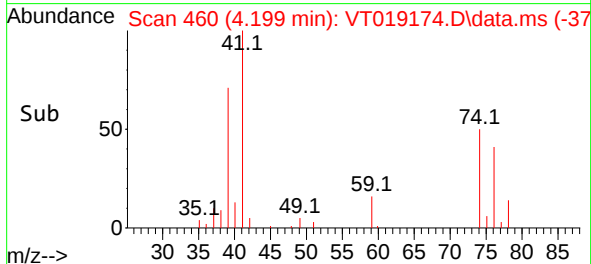
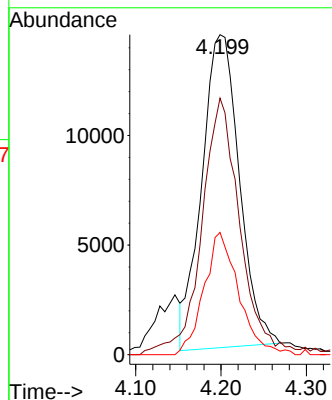
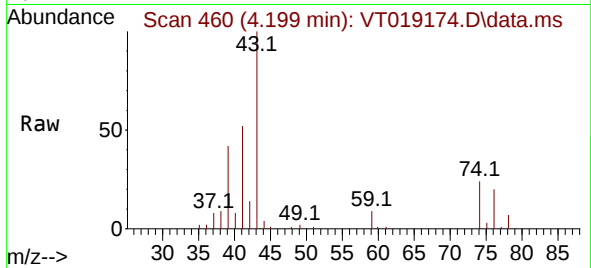




#17
 Allyl chloride
 Concen: 16.613 ug/l
 RT: 4.199 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VT019174.D
 Acq: 24 Oct 2025 10:34

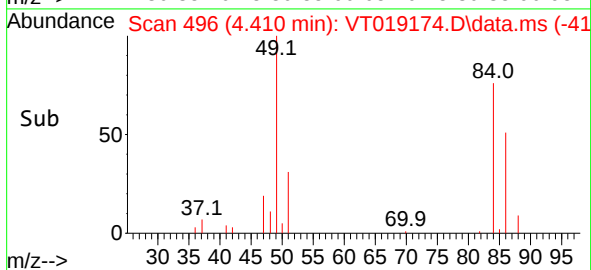
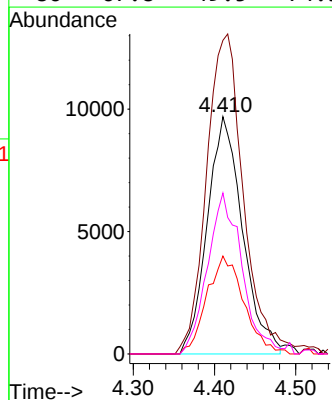
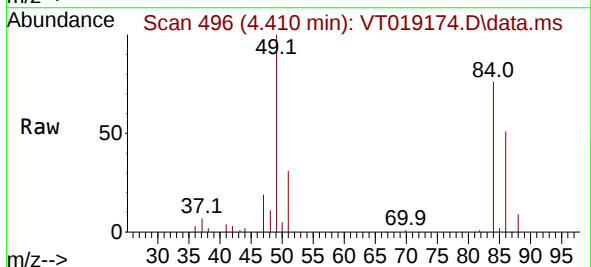
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1024WBSD01

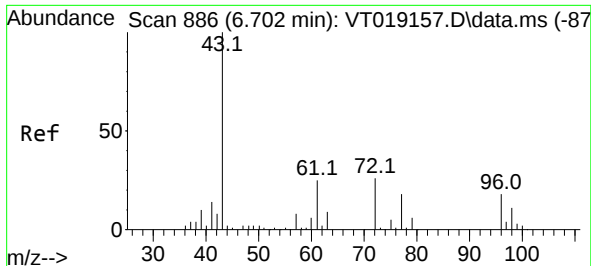
Tgt Ion: 41 Resp: 43792
 Ion Ratio Lower Upper
 41 100
 39 79.1 34.3 102.8
 76 38.5 16.7 50.0



#18
 Methylene Chloride
 Concen: 17.694 ug/l
 RT: 4.410 min Scan# 496
 Delta R.T. -0.018 min
 Lab File: VT019174.D
 Acq: 24 Oct 2025 10:34

Tgt Ion: 84 Resp: 29264
 Ion Ratio Lower Upper
 84 100
 49 129.2 107.9 161.9
 51 41.3 33.4 50.2
 86 67.8 49.5 74.3

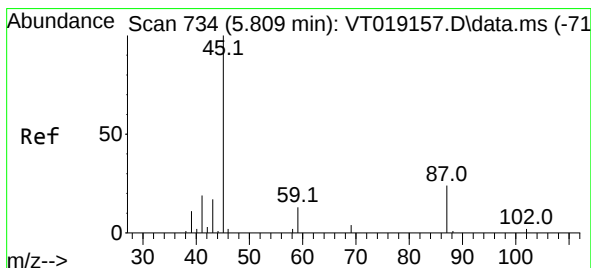
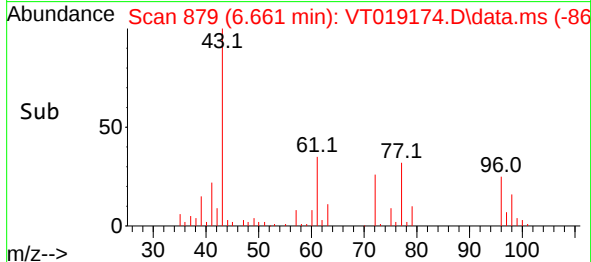
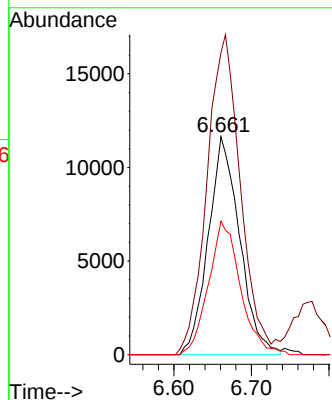
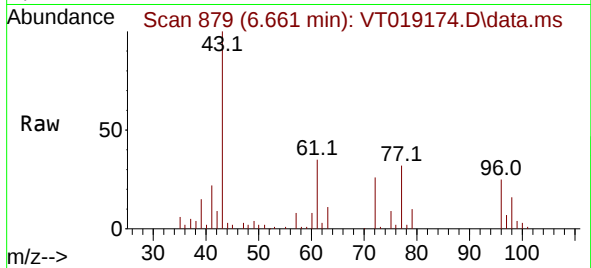




#19
trans-1,2-Dichloroethene
Concen: 19.179 ug/l
RT: 6.661 min Scan# 81
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

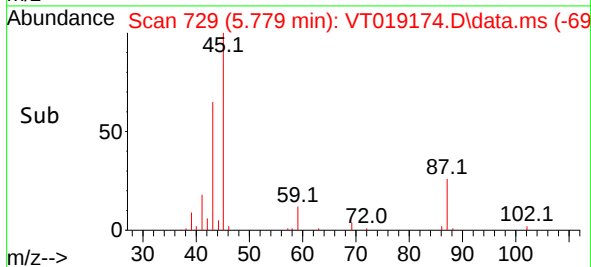
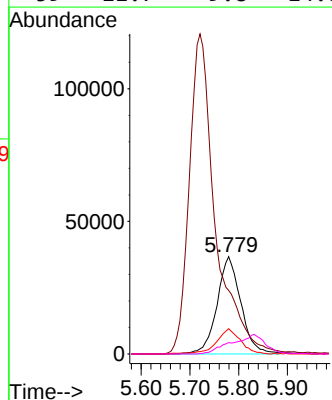
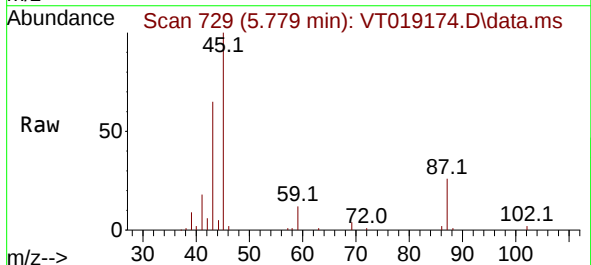
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

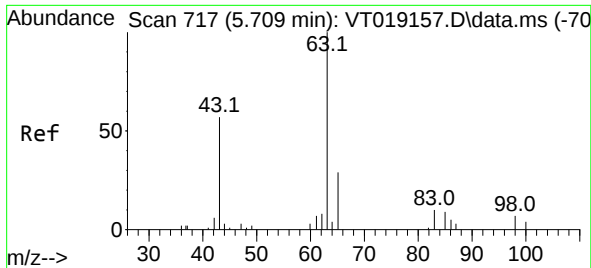
Tgt Ion: 96 Resp: 32721
Ion Ratio Lower Upper
96 100
61 136.1 122.3 183.5
98 61.3 50.2 75.2



#20
Diisopropyl ether
Concen: 18.559 ug/l
RT: 5.779 min Scan# 729
Delta R.T. -0.024 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 45 Resp: 124537
Ion Ratio Lower Upper
45 100
43 62.5 89.1 133.7#
87 25.6 21.3 31.9
59 11.7 9.8 14.8

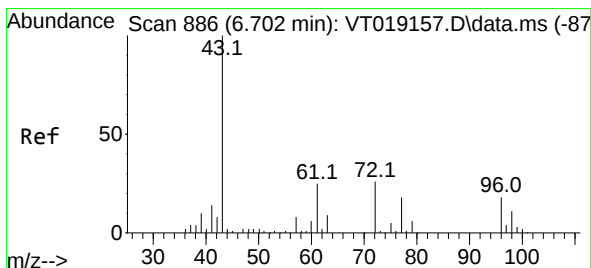
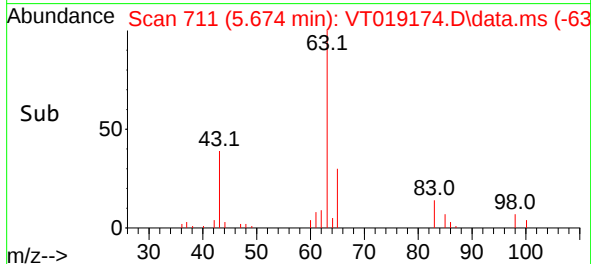
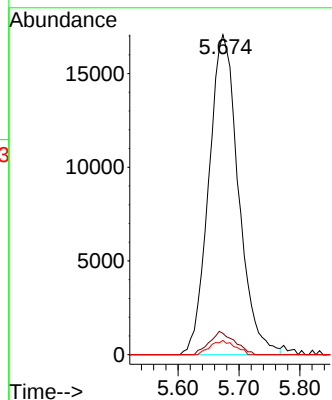
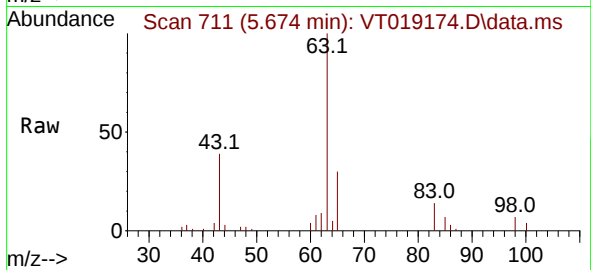




#21
1,1-Dichloroethane
Concen: 18.472 ug/l
RT: 5.674 min Scan# 717
Delta R.T. -0.035 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

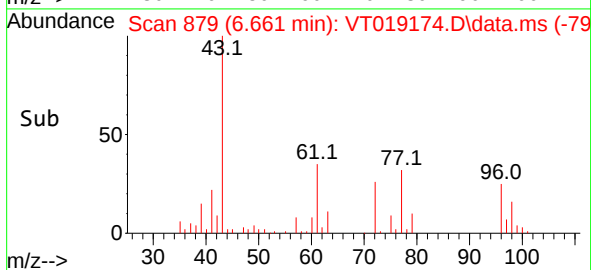
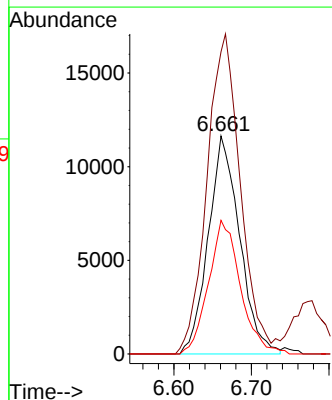
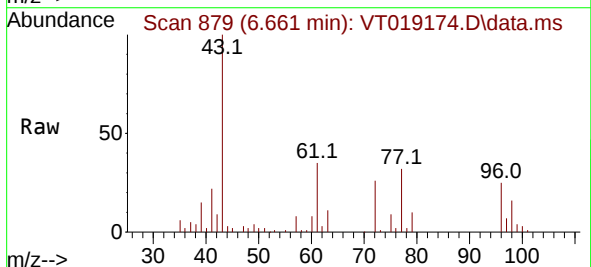
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

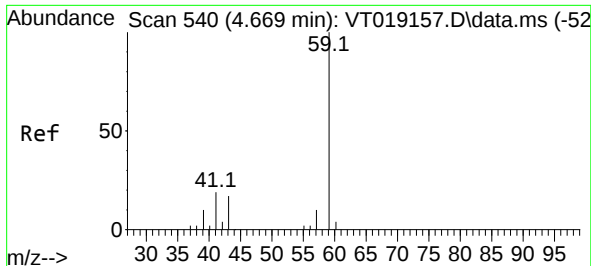
Tgt Ion: 63 Resp: 57917
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.5
100 4.5 2.2 6.6



#22
cis-1,2-Dichloroethene
Concen: 19.179 ug/l
RT: 6.661 min Scan# 879
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 96 Resp: 32721
Ion Ratio Lower Upper
96 100
61 155.6 120.0 180.0
98 62.4 52.8 79.2

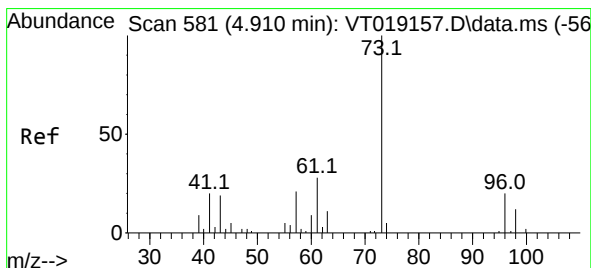
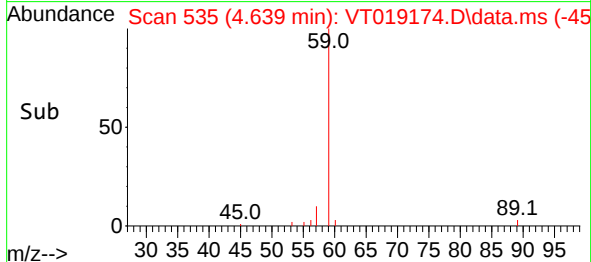
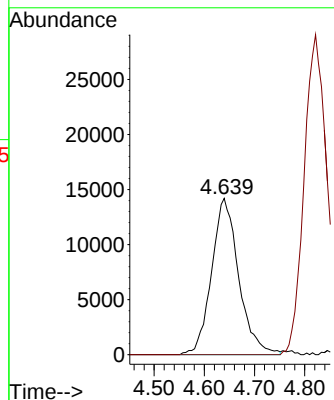
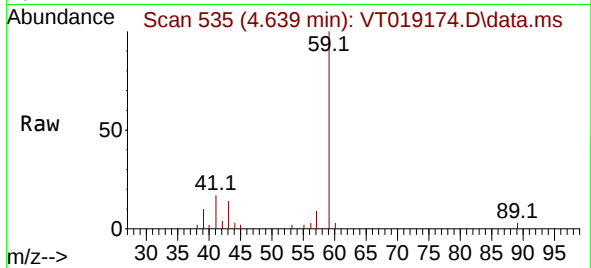




#23
tert-Butyl Alcohol
Concen: 89.992 ug/l
RT: 4.639 min Scan# 51
Delta R.T. -0.036 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

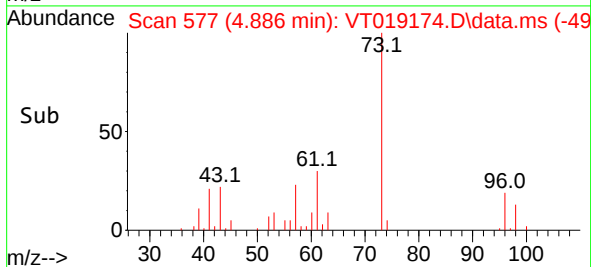
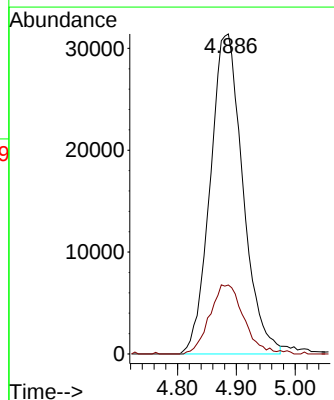
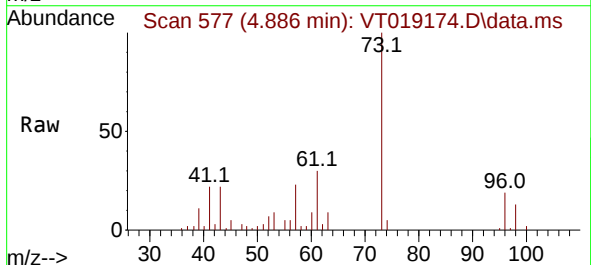
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

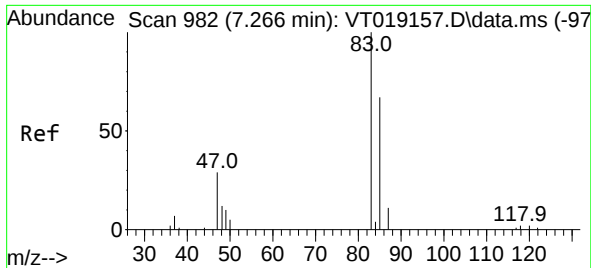
Tgt Ion: 59 Resp: 53289
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 18.175 ug/l
RT: 4.886 min Scan# 577
Delta R.T. -0.035 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 73 Resp: 121107
Ion Ratio Lower Upper
73 100
43 22.3 16.9 25.3

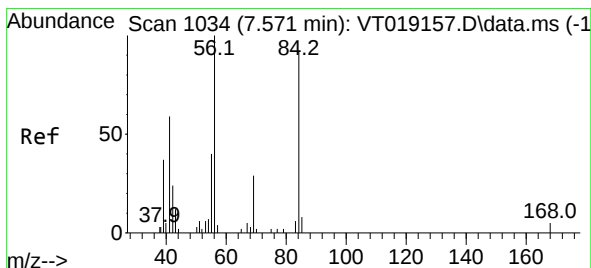
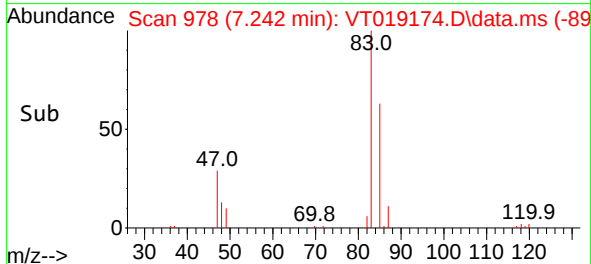
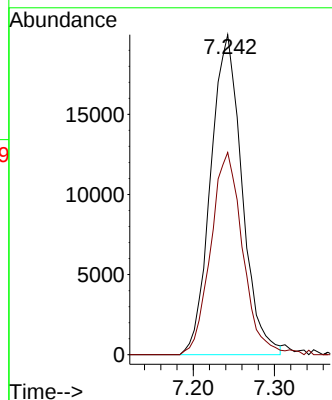
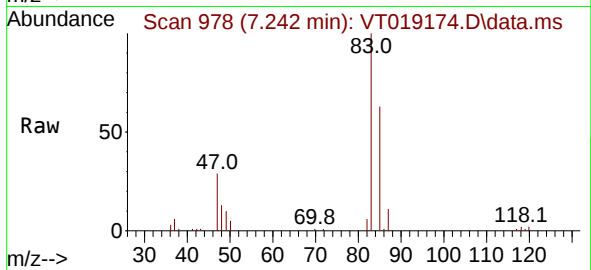




#25
Chloroform
Concen: 18.675 ug/l
RT: 7.242 min Scan# 91
Delta R.T. -0.024 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

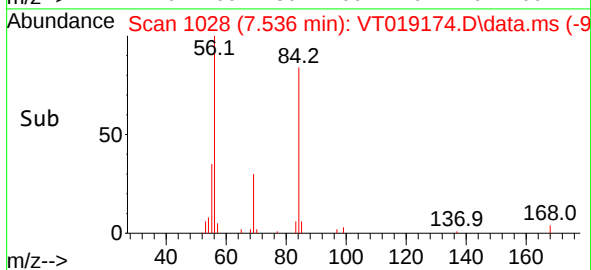
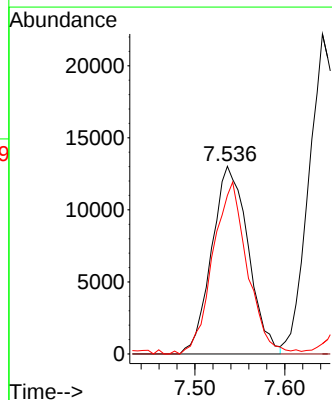
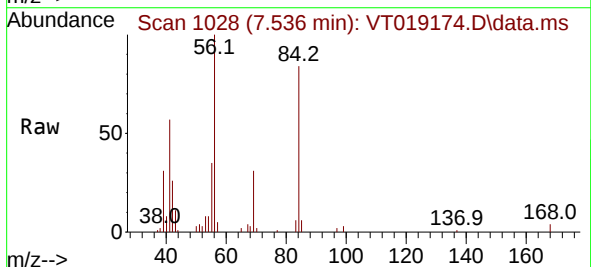
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

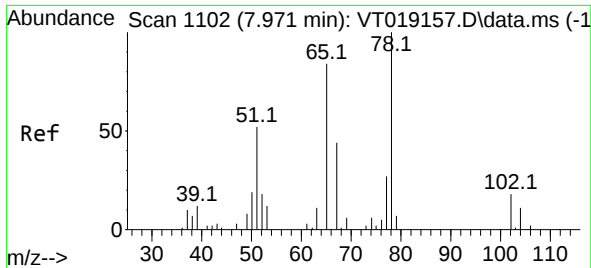
Tgt Ion: 83 Resp: 53563
Ion Ratio Lower Upper
83 100
85 63.2 48.0 72.0



#26
Cyclohexane
Concen: 19.973 ug/l
RT: 7.536 min Scan# 1028
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 56 Resp: 36749
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.3 67.9 101.9





#27

1,2-Dichloroethane-d4

Concen: 30.619 ug/l

RT: 7.941 min Scan# 1102

Delta R.T. -0.030 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

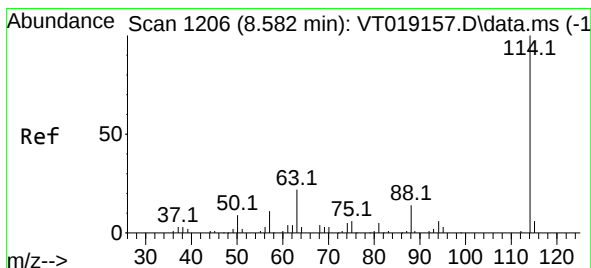
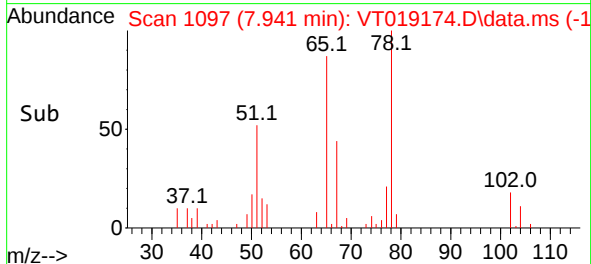
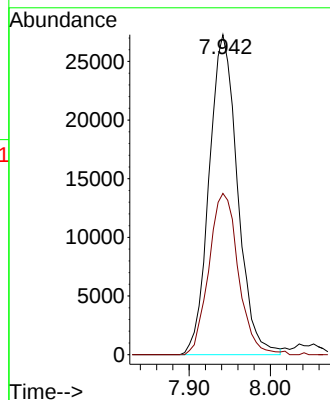
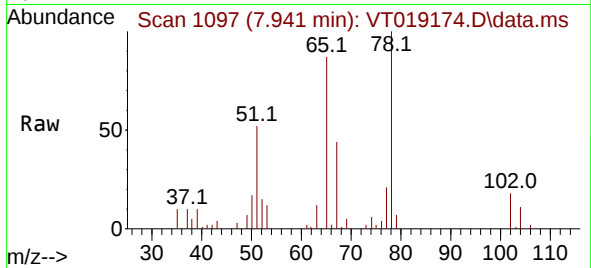
VT1024WBSD01

Tgt Ion: 65 Resp: 66244

Ion Ratio Lower Upper

65 100

67 52.2 40.7 61.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.553 min Scan# 1201

Delta R.T. -0.023 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

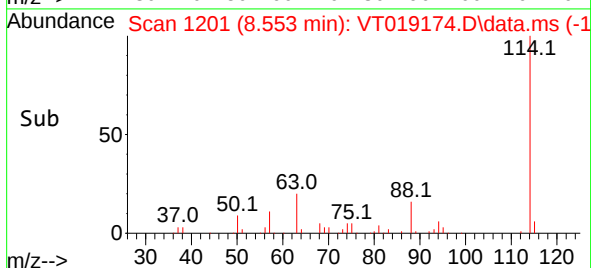
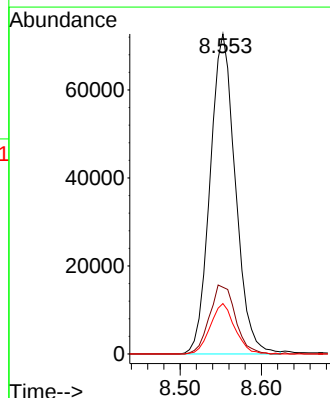
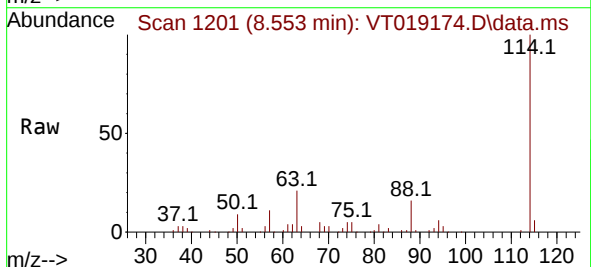
Tgt Ion: 114 Resp: 157222

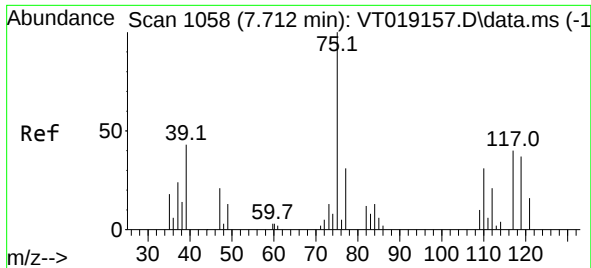
Ion Ratio Lower Upper

114 100

63 22.1 17.4 26.0

88 15.2 13.0 19.6





#29

1,1-Dichloropropene

Concen: 19.372 ug/l

RT: 7.683 min Scan# 1

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBSD01

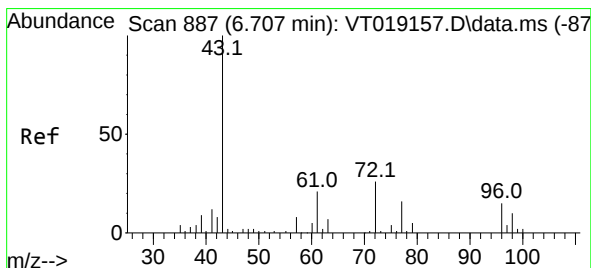
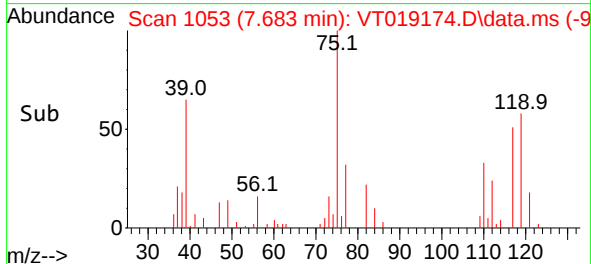
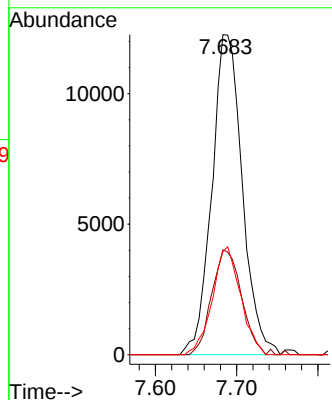
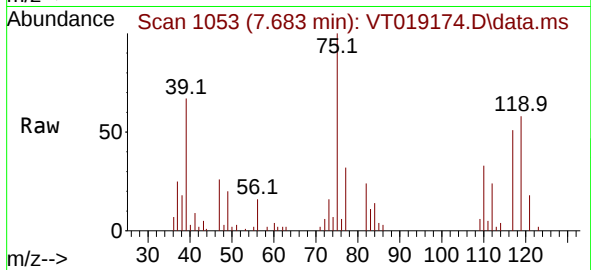
Tgt Ion: 75 Resp: 31870

Ion Ratio Lower Upper

75 100

110 31.9 0.0 70.8

77 31.3 0.0 61.6



#30

2-Butanone

Concen: 81.782 ug/l

RT: 6.672 min Scan# 881

Delta R.T. -0.030 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

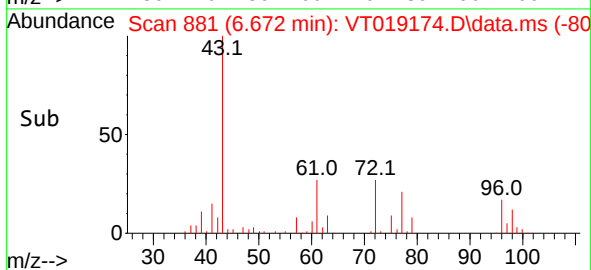
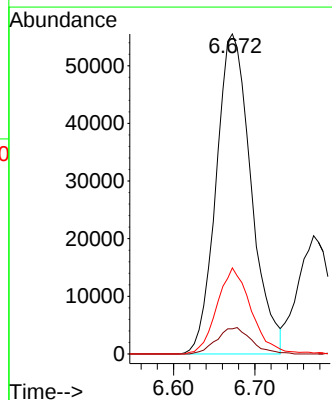
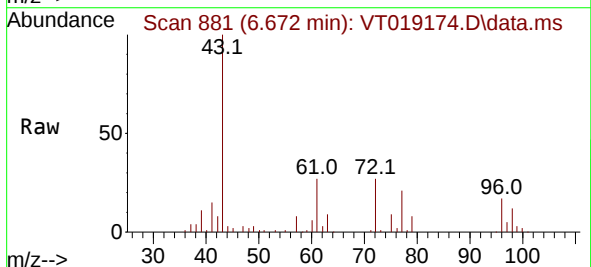
Tgt Ion: 43 Resp: 165839

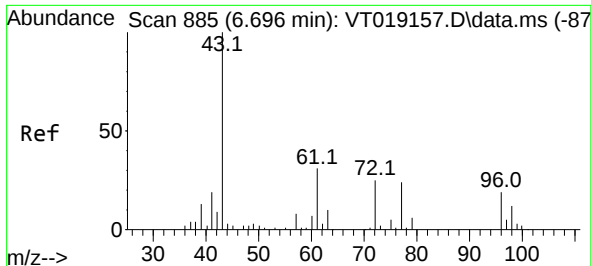
Ion Ratio Lower Upper

43 100

57 8.2 5.9 8.9

72 26.2 20.2 30.2

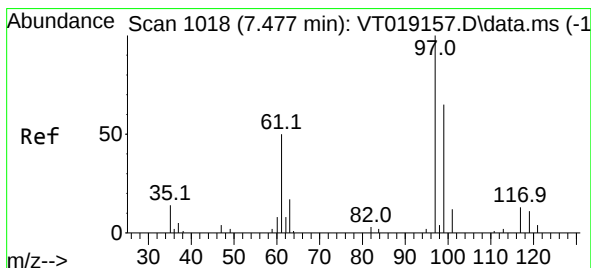
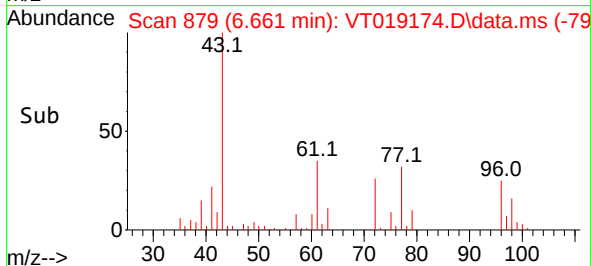
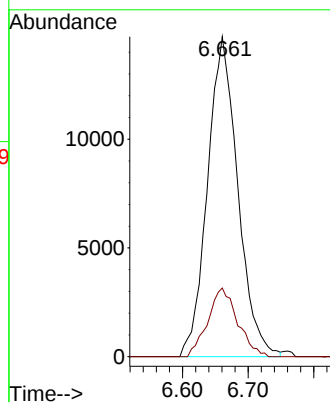
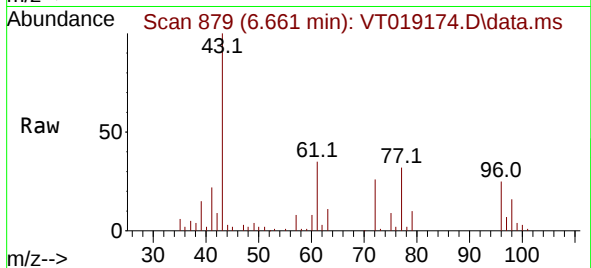




#31
2,2-Dichloropropane
Concen: 19.613 ug/l
RT: 6.661 min Scan# 81
Delta R.T. -0.023 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

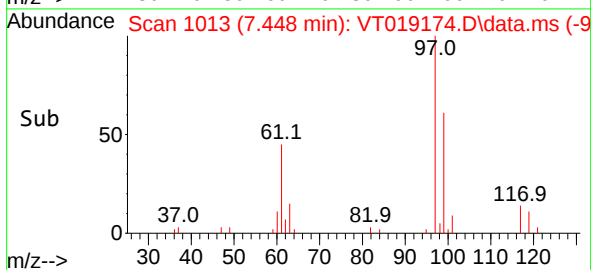
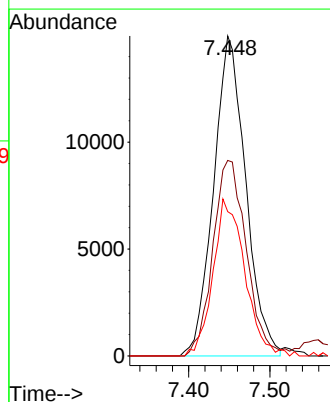
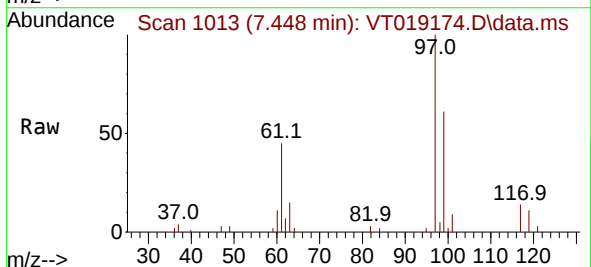
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

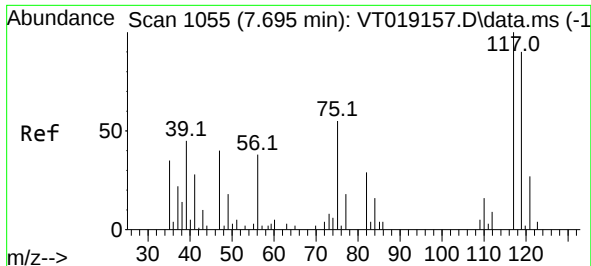
Tgt Ion: 77 Resp: 47241
Ion Ratio Lower Upper
77 100
97 21.0 14.5 21.7



#32
1,1,1-Trichloroethane
Concen: 19.826 ug/l
RT: 7.448 min Scan# 1013
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 97 Resp: 41094
Ion Ratio Lower Upper
97 100
99 63.8 30.0 45.0#
61 47.9 36.1 54.1

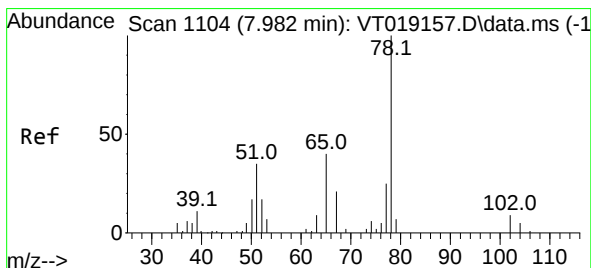
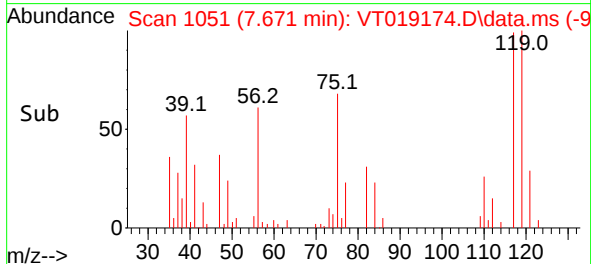
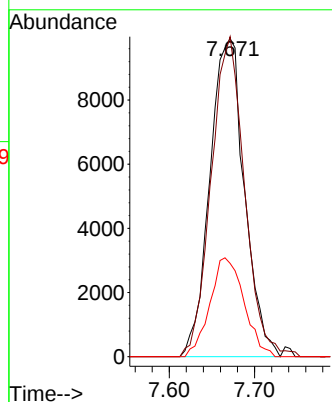
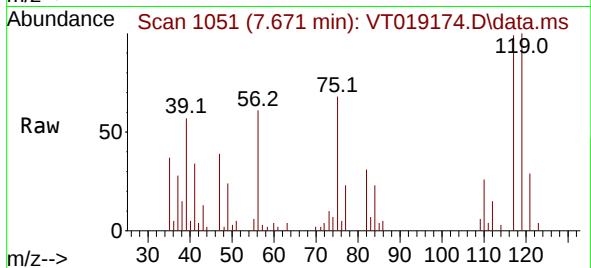




#33
Carbon Tetrachloride
Concen: 21.071 ug/l
RT: 7.671 min Scan# 1099
Delta R.T. -0.024 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

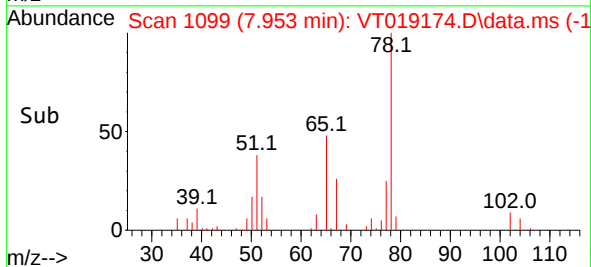
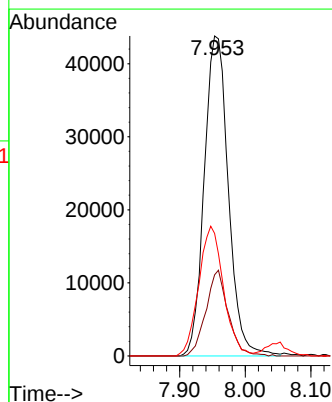
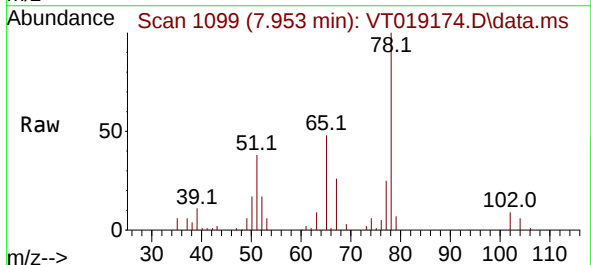
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

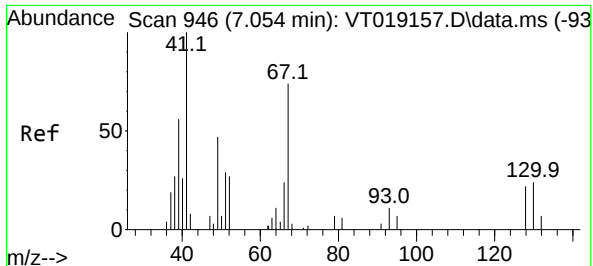
Tgt Ion:117 Resp: 27983
Ion Ratio Lower Upper
117 100
119 100.6 76.5 114.7
121 29.3 0.5 0.7#



#34
Benzene
Concen: 18.374 ug/l
RT: 7.953 min Scan# 1099
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 78 Resp: 111994
Ion Ratio Lower Upper
78 100
77 25.4 17.6 26.4
51 37.5 13.8 20.6#





#35

Methacrylonitrile

Concen: 17.149 ug/l

RT: 7.019 min Scan# 946

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBSD01

Tgt Ion: 41 Resp: 29599

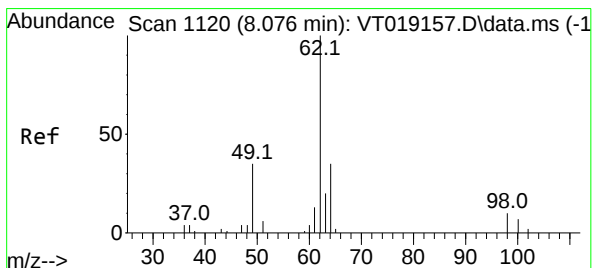
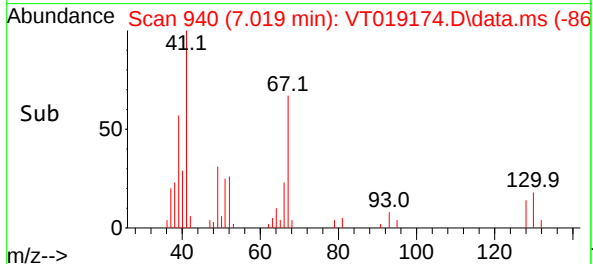
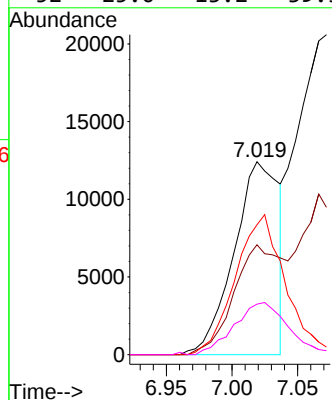
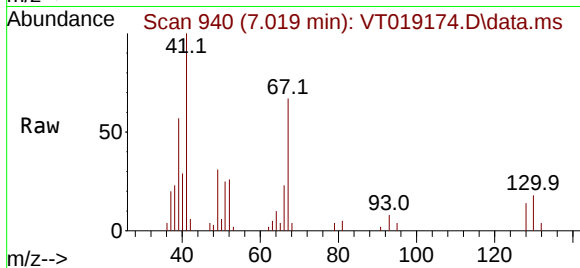
Ion Ratio Lower Upper

41 100

39 57.0 26.2 78.5

67 67.4 31.4 94.3

52 25.0 13.2 39.5



#36

1,2-Dichloroethane

Concen: 18.283 ug/l

RT: 8.047 min Scan# 1115

Delta R.T. -0.024 min

Lab File: VT019174.D

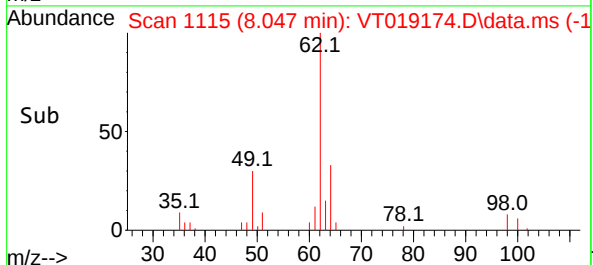
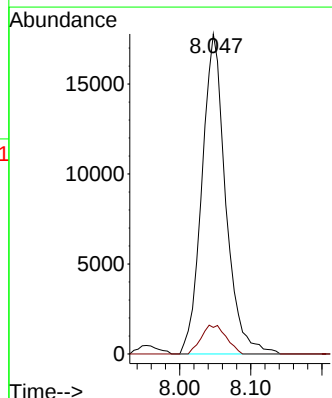
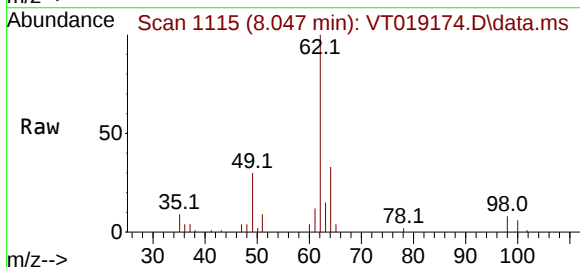
Acq: 24 Oct 2025 10:34

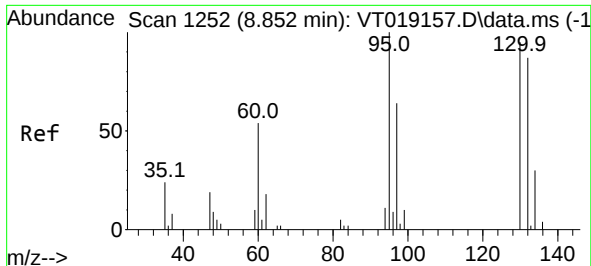
Tgt Ion: 62 Resp: 41312

Ion Ratio Lower Upper

62 100

98 9.4 6.7 10.1





#37

Trichloroethene

Concen: 18.772 ug/l

RT: 8.829 min Scan# 1248

Delta R.T. -0.023 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

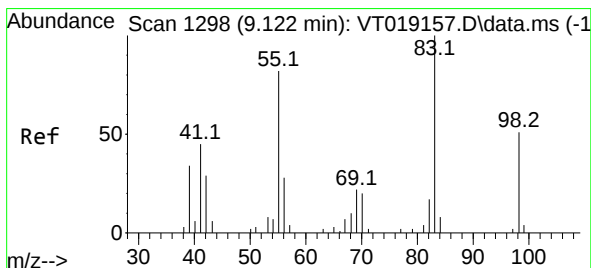
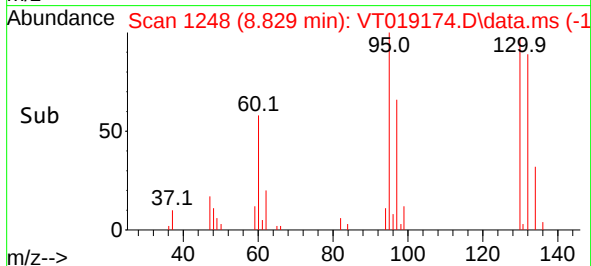
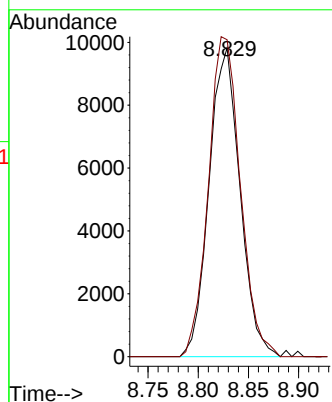
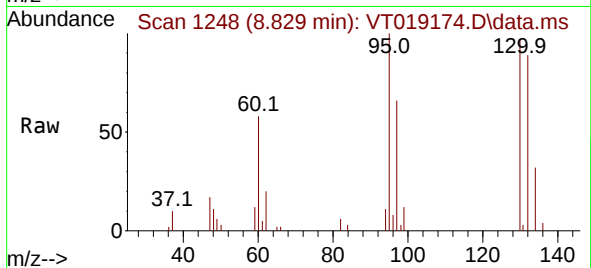
VT1024WBSD01

Tgt Ion:130 Resp: 21049

Ion Ratio Lower Upper

130 100

95 102.6 79.4 119.2



#38

Methylcyclohexane

Concen: 21.084 ug/l

RT: 9.099 min Scan# 1294

Delta R.T. -0.023 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

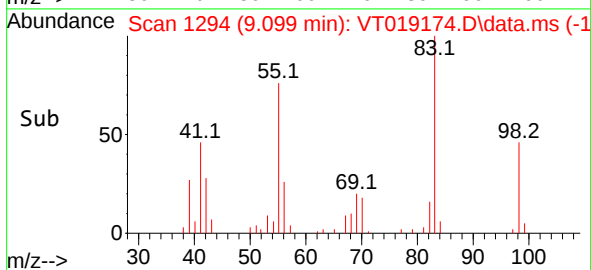
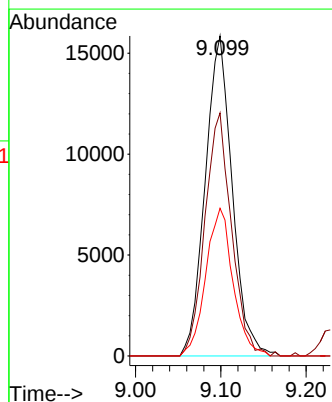
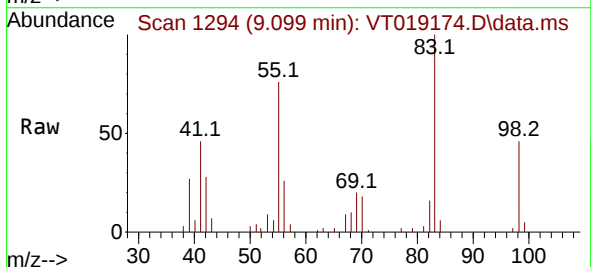
Tgt Ion: 83 Resp: 34931

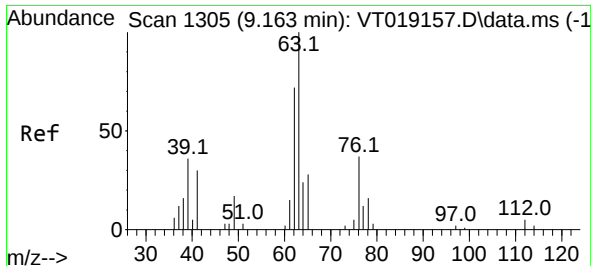
Ion Ratio Lower Upper

83 100

55 74.1 40.3 120.8

98 46.5 24.3 72.9





#39

1,2-Dichloropropane

Concen: 17.876 ug/l

RT: 9.140 min Scan# 1301

Delta R.T. -0.023 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

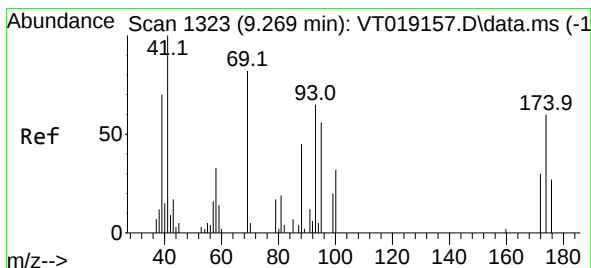
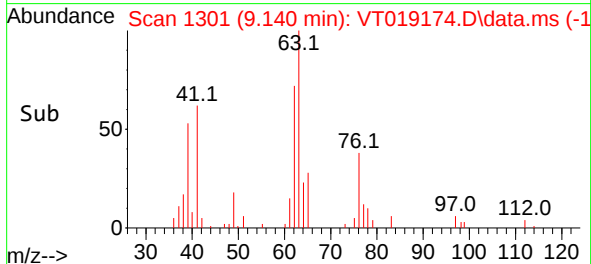
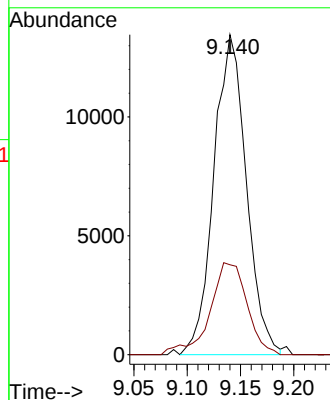
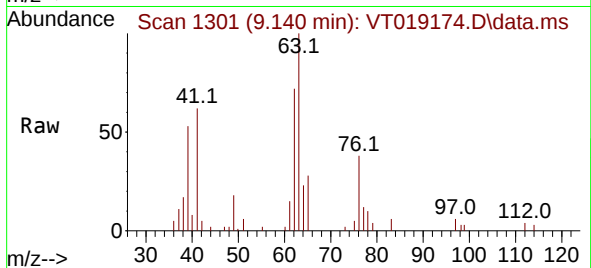
VT1024WBSD01

Tgt Ion: 63 Resp: 28536

Ion Ratio Lower Upper

63 100

65 28.1 19.8 29.6



#40

Dibromomethane

Concen: 17.719 ug/l

RT: 9.240 min Scan# 1318

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

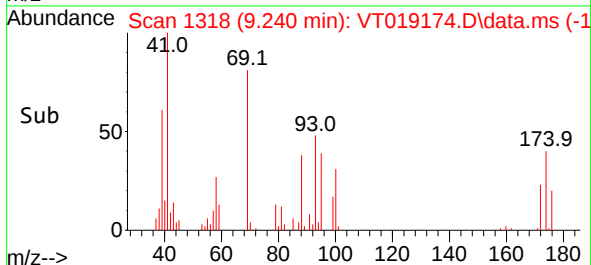
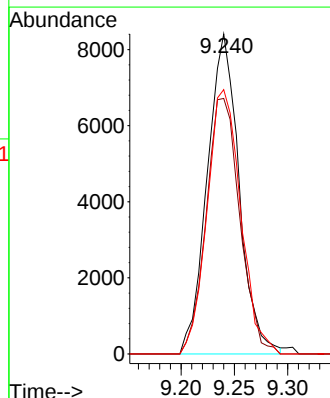
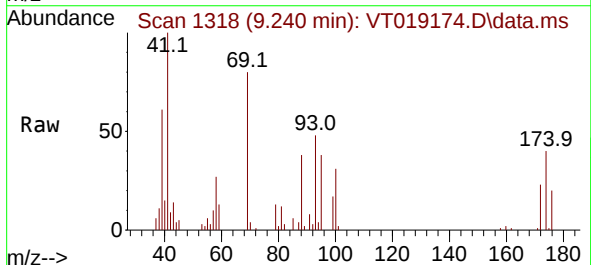
Tgt Ion: 93 Resp: 17441

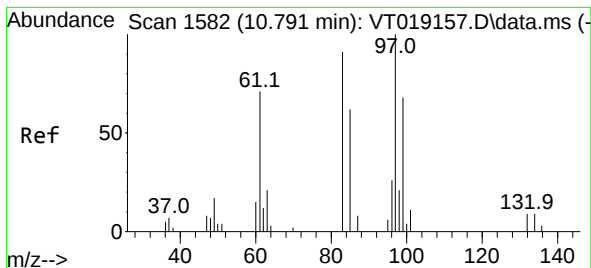
Ion Ratio Lower Upper

93 100

95 84.1 0.0 166.2

174 87.3 0.0 26.4





#41

Bromodichloromethane

Concen: 18.417 ug/l

RT: 10.762 min Scan# 11

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBSD01

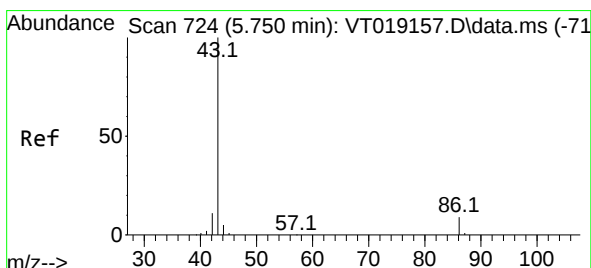
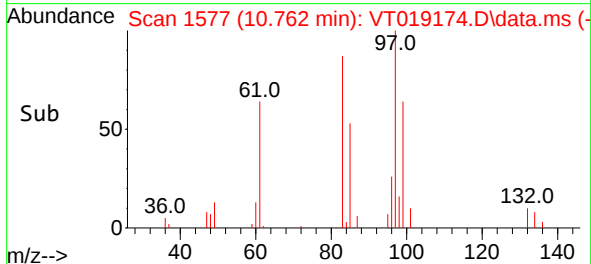
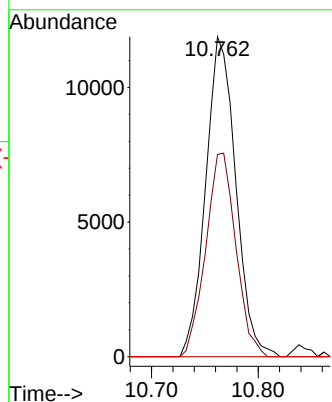
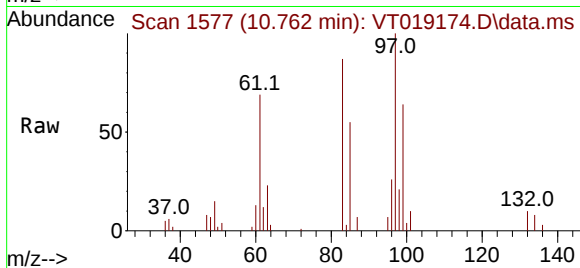
Tgt Ion: 83 Resp: 23285

Ion Ratio Lower Upper

83 100

85 63.2 47.2 70.8

127 0.0 7.1 10.7#



#42

Vinyl Acetate

Concen: 90.260 ug/l

RT: 5.721 min Scan# 719

Delta R.T. -0.029 min

Lab File: VT019174.D

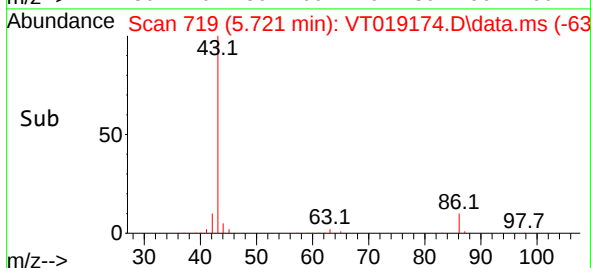
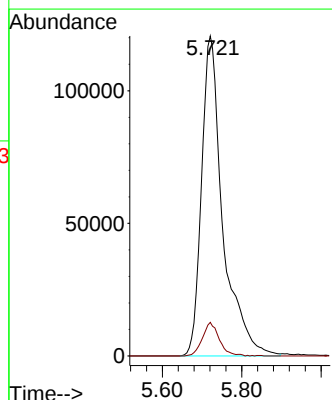
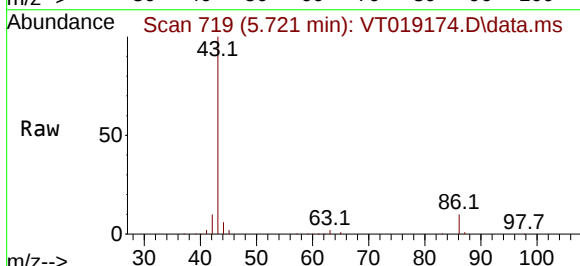
Acq: 24 Oct 2025 10:34

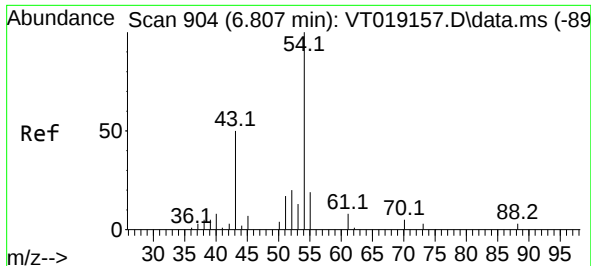
Tgt Ion: 43 Resp: 449066

Ion Ratio Lower Upper

43 100

86 8.2 6.9 10.3





#43

Ethyl Acetate

Concen: 17.692 ug/l

RT: 6.772 min Scan# 89

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

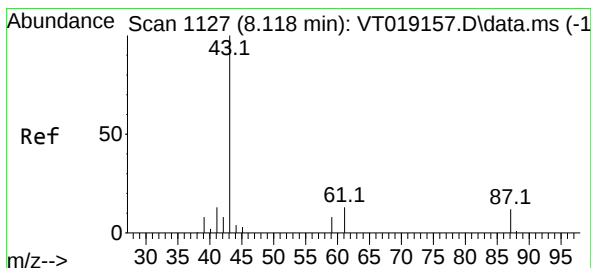
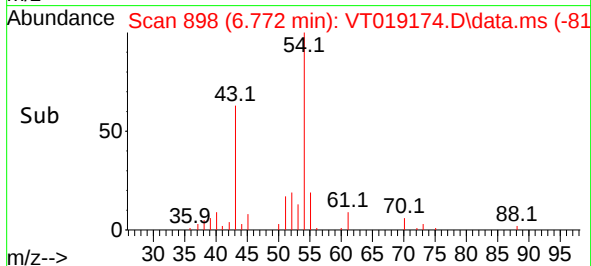
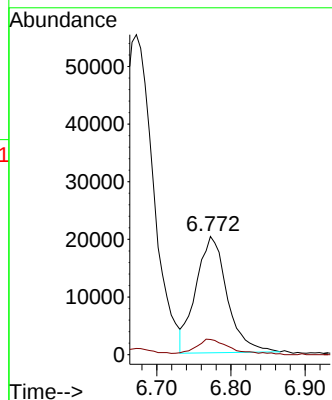
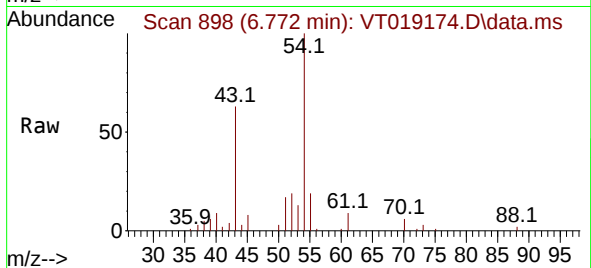
VT1024WBSD01

Tgt Ion: 43 Resp: 58976

Ion Ratio Lower Upper

43 100

45 12.1 10.6 16.0



#44

Isopropyl Acetate

Concen: 17.909 ug/l

RT: 8.094 min Scan# 1123

Delta R.T. -0.029 min

Lab File: VT019174.D

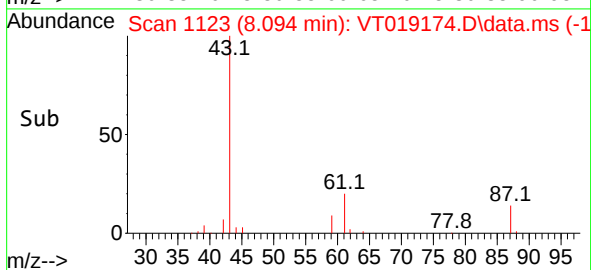
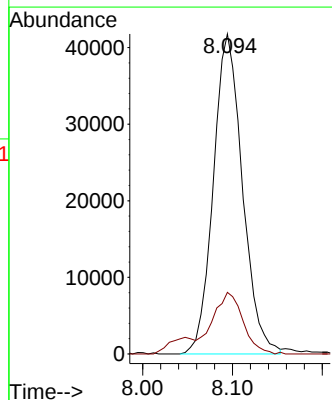
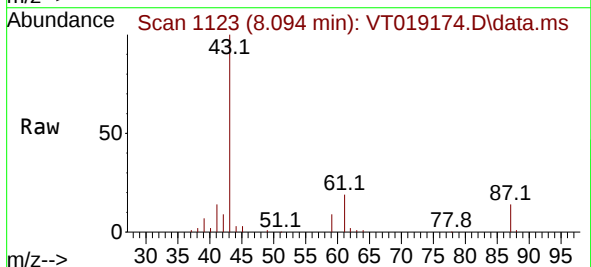
Acq: 24 Oct 2025 10:34

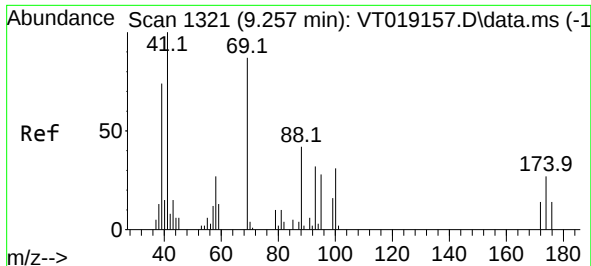
Tgt Ion: 43 Resp: 93959

Ion Ratio Lower Upper

43 100

61 19.9 14.7 22.1

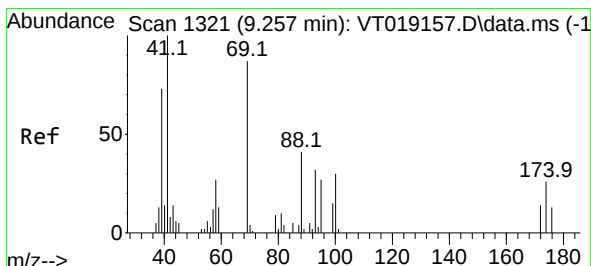
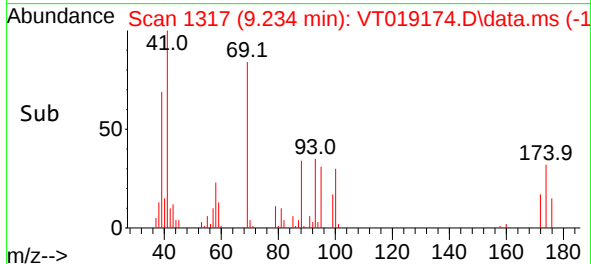
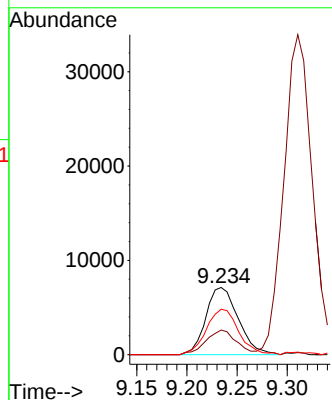
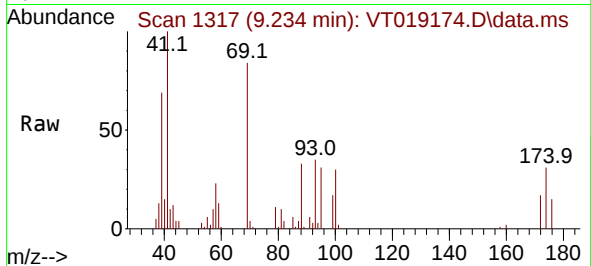




#45
1,4-Dioxane
Concen: 351.365 ug/l
RT: 9.234 min Scan# 1317
Delta R.T. -0.035 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

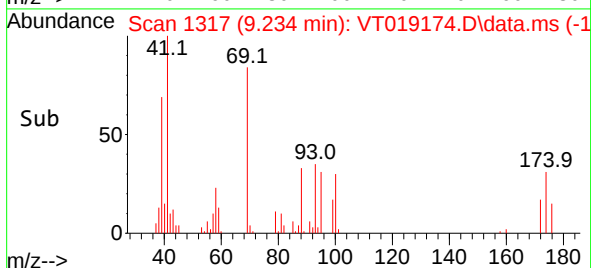
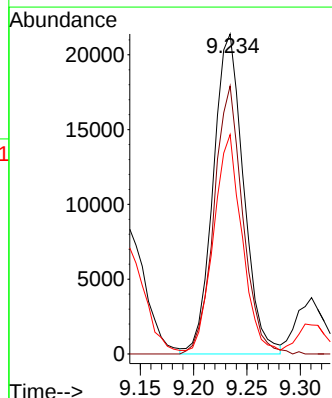
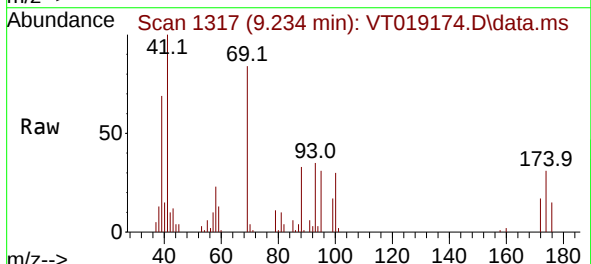
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

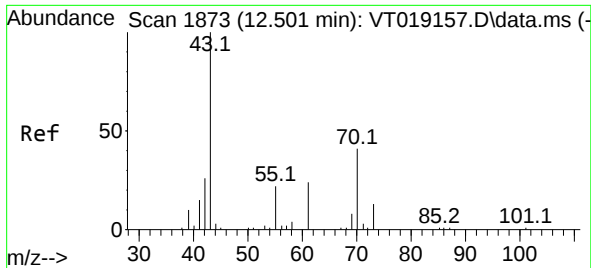
Tgt Ion: 88 Resp: 15992
Ion Ratio Lower Upper
88 100
43 34.1 30.2 45.2
58 66.8 33.3 49.9#



#46
Methyl methacrylate
Concen: 18.060 ug/l
RT: 9.234 min Scan# 1317
Delta R.T. -0.023 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 41 Resp: 42366
Ion Ratio Lower Upper
41 100
69 85.2 35.8 107.3
39 68.6 24.4 73.4

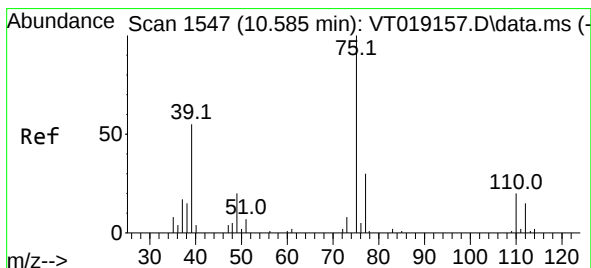
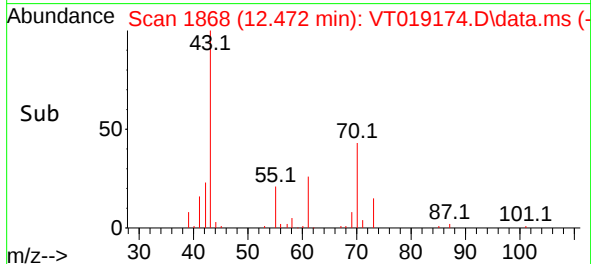
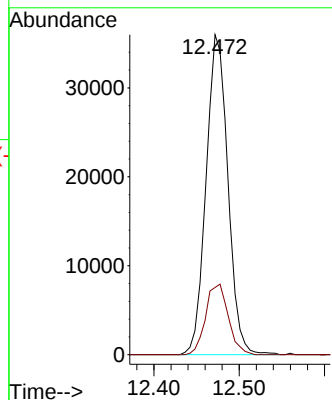
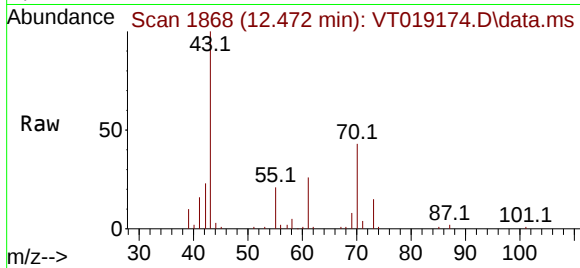




#47
n-amyl Acetate
Concen: 18.156 ug/l
RT: 12.472 min Scan# 1868
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

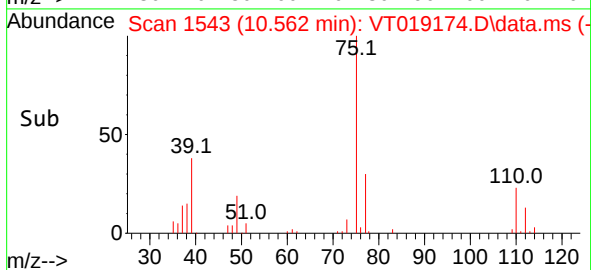
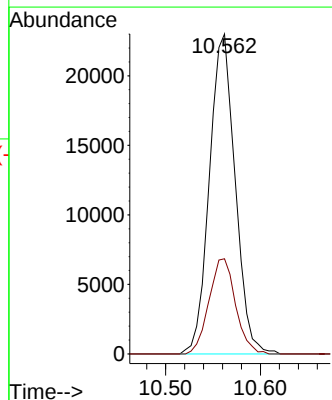
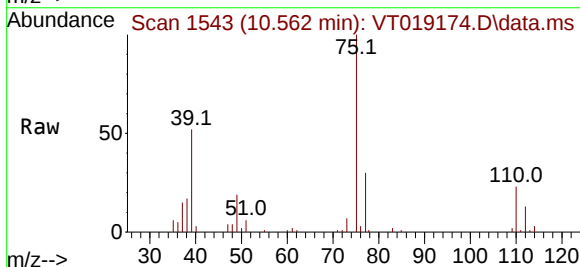
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

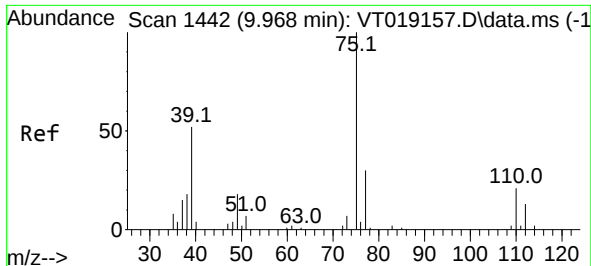
Tgt Ion: 43 Resp: 64100
Ion Ratio Lower Upper
43 100
55 22.8 18.4 27.6



#48
t-1,3-Dichloropropene
Concen: 18.954 ug/l
RT: 10.562 min Scan# 1543
Delta R.T. -0.023 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 75 Resp: 43481
Ion Ratio Lower Upper
75 100
77 29.8 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 18.540 ug/l

RT: 9.951 min Scan# 1442

Delta R.T. -0.023 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBSD01

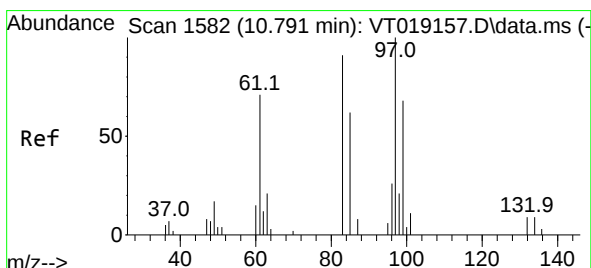
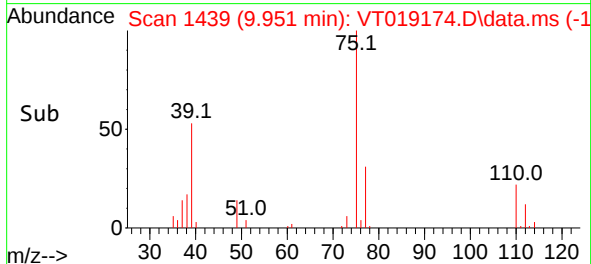
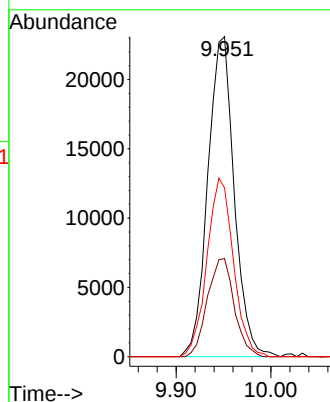
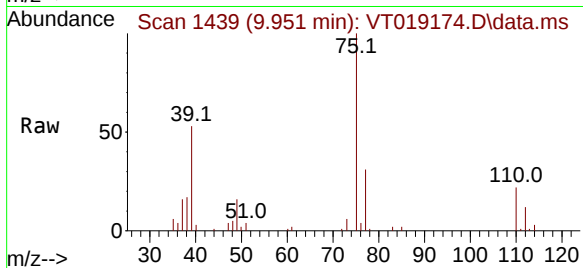
Tgt Ion: 75 Resp: 44678

Ion Ratio Lower Upper

75 100

77 30.7 25.1 37.7

39 52.8 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 18.509 ug/l

RT: 10.762 min Scan# 1577

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Tgt Ion: 97 Resp: 26795

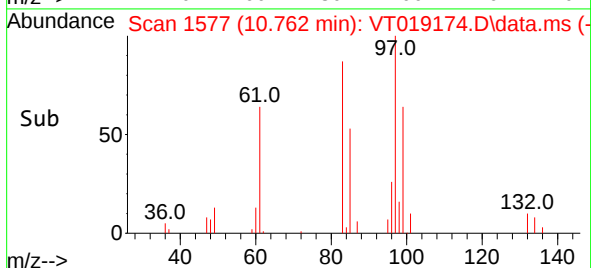
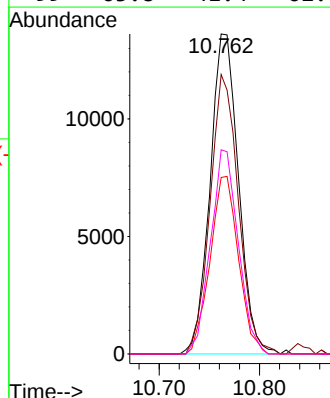
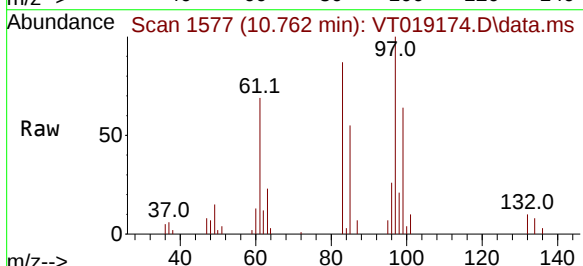
Ion Ratio Lower Upper

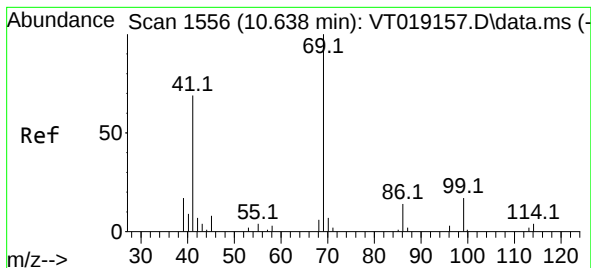
97 100

83 87.3 58.3 87.5

85 55.2 36.5 54.7#

99 63.8 41.4 62.0#





#51

Ethyl methacrylate

Concen: 17.905 ug/l

RT: 10.615 min Scan# 1

Delta R.T. -0.023 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBSD01

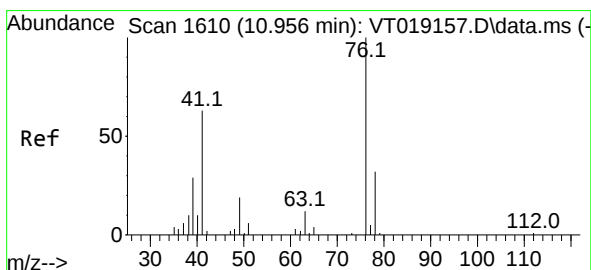
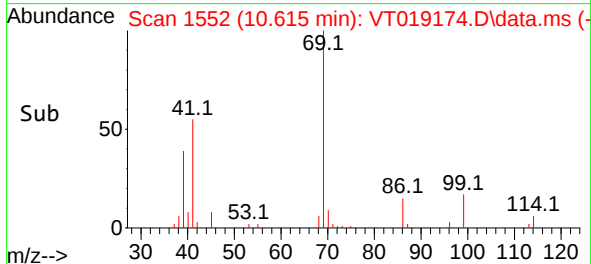
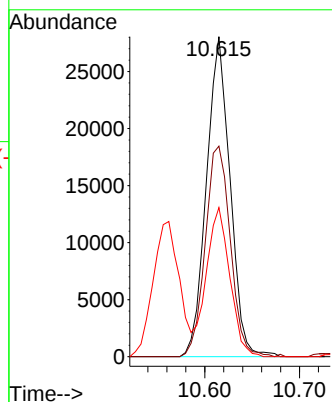
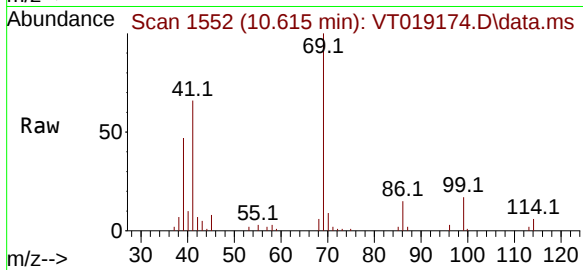
Tgt Ion: 69 Resp: 48577

Ion Ratio Lower Upper

69 100

41 65.8 35.0 105.1

39 46.6 19.5 58.5



#52

1,3-Dichloropropane

Concen: 18.261 ug/l

RT: 10.926 min Scan# 1605

Delta R.T. -0.030 min

Lab File: VT019174.D

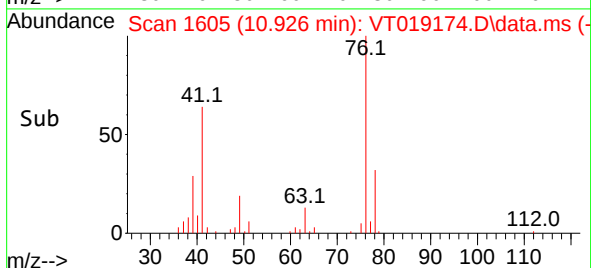
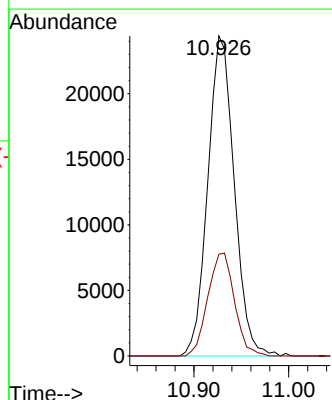
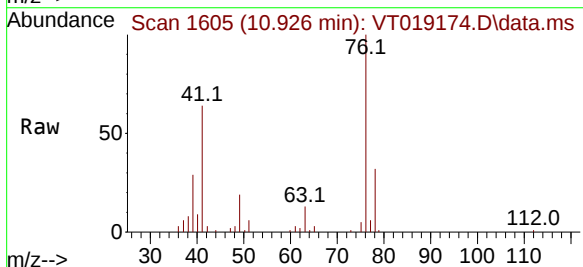
Acq: 24 Oct 2025 10:34

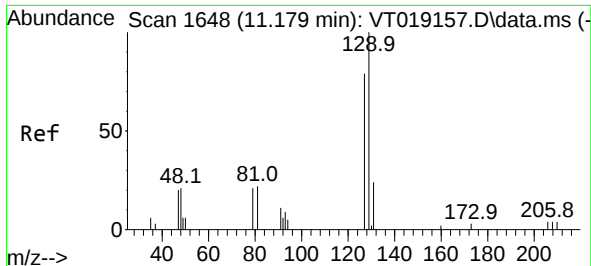
Tgt Ion: 76 Resp: 47219

Ion Ratio Lower Upper

76 100

78 32.4 0.0 63.6

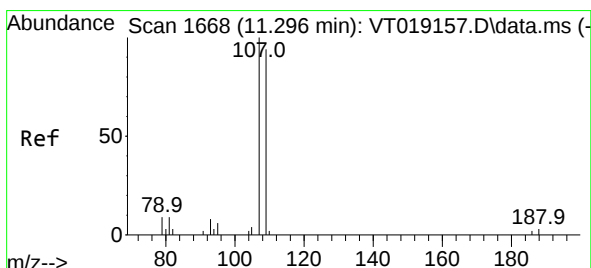
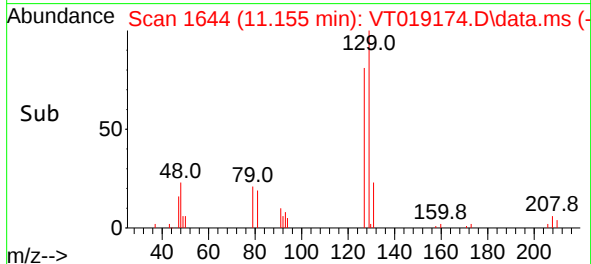
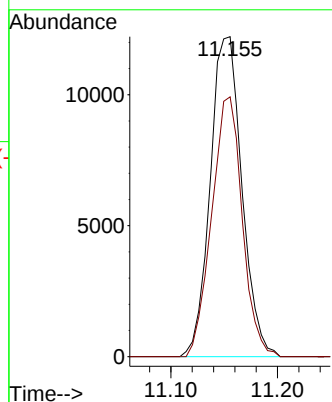
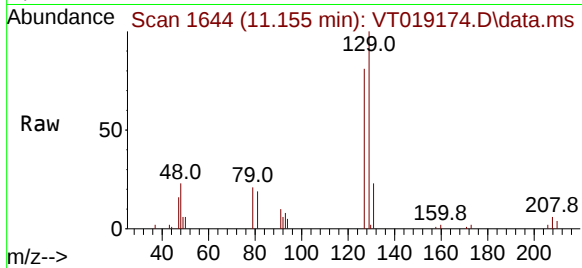




#53
Dibromochloromethane
Concen: 18.689 ug/l
RT: 11.155 min Scan# 1644
Delta R.T. -0.024 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

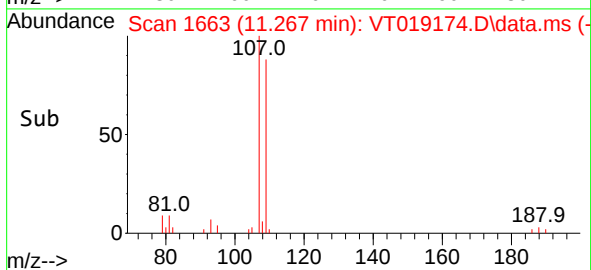
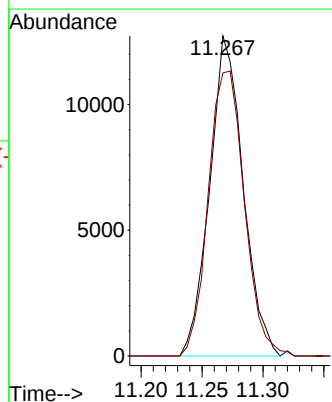
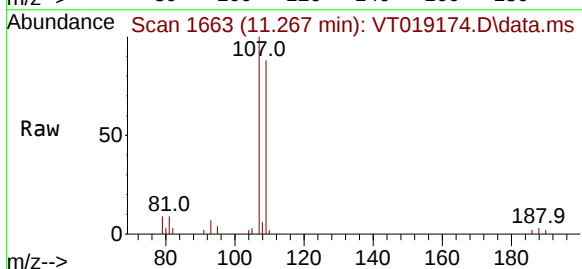
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

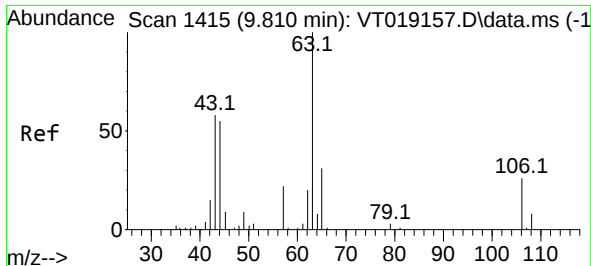
Tgt Ion:129 Resp: 25238
Ion Ratio Lower Upper
129 100
127 78.1 125.0 374.9#



#54
1,2-Dibromoethane
Concen: 18.024 ug/l
RT: 11.267 min Scan# 1663
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion:107 Resp: 24270
Ion Ratio Lower Upper
107 100
109 96.0 74.0 111.0





#55

2-Chloroethyl vinyl ether

Concen: 82.160 ug/l

RT: 9.786 min Scan# 1411

Delta R.T. -0.024 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBSD01

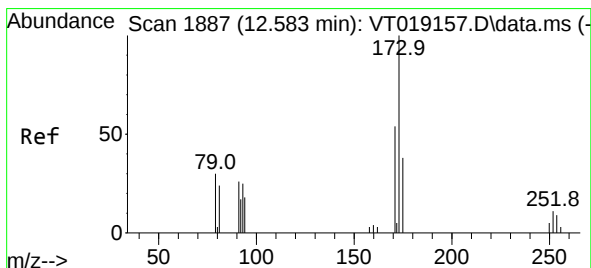
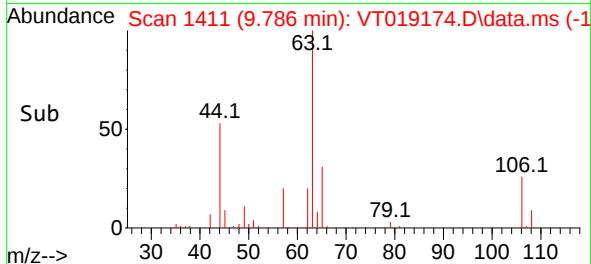
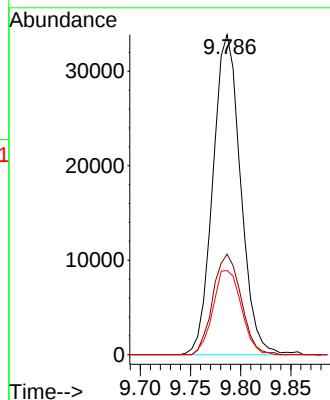
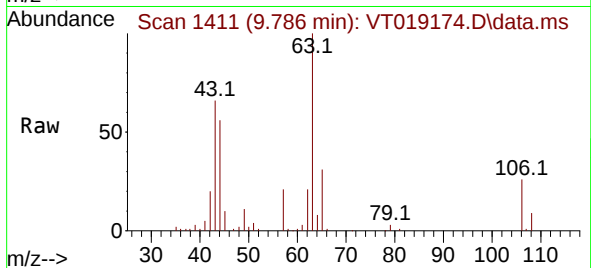
Tgt Ion: 63 Resp: 65012

Ion Ratio Lower Upper

63 100

65 31.8 25.8 38.6

106 27.0 22.1 33.1



#56

Bromoform

Concen: 20.069 ug/l

RT: 12.554 min Scan# 1882

Delta R.T. -0.023 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

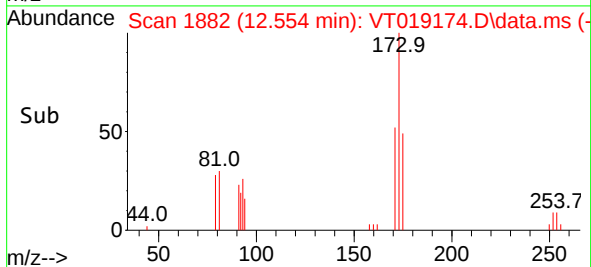
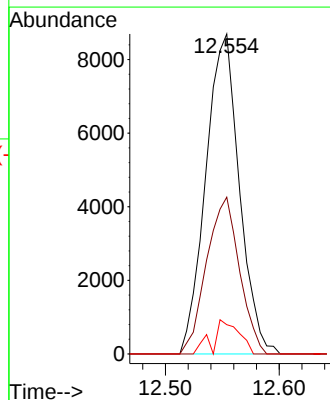
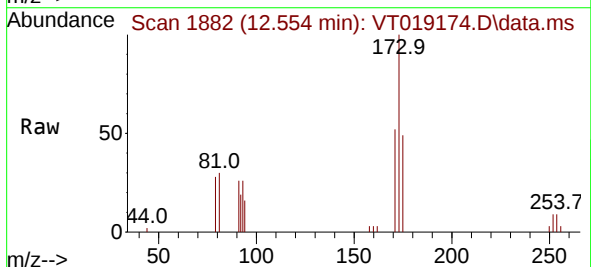
Tgt Ion: 173 Resp: 17817

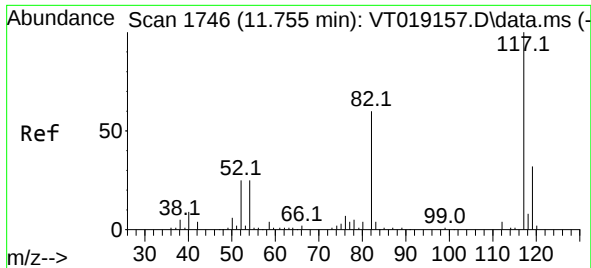
Ion Ratio Lower Upper

173 100

175 48.0 2.6 3.8#

254 6.7 2.2 3.2#

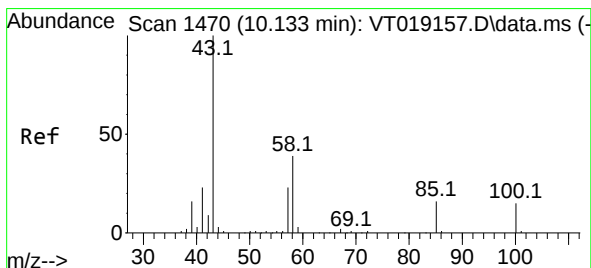
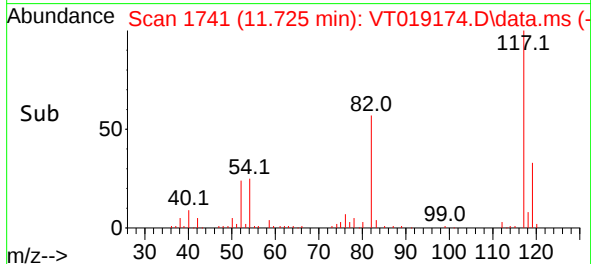
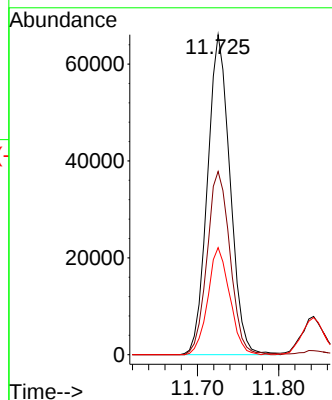
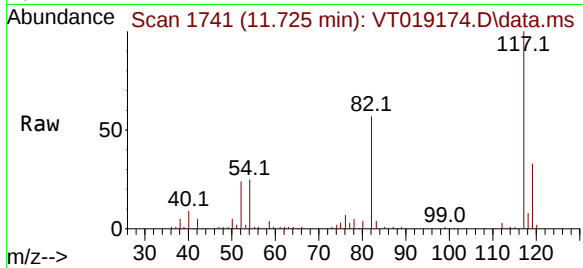




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.725 min Scan# 11
Delta R.T. -0.030 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

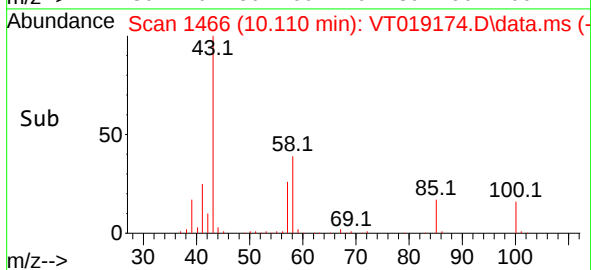
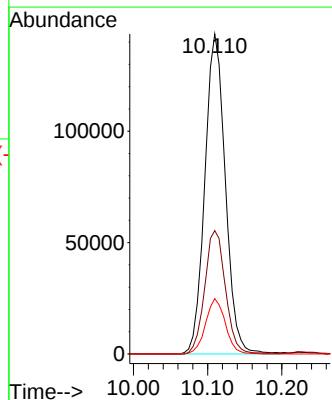
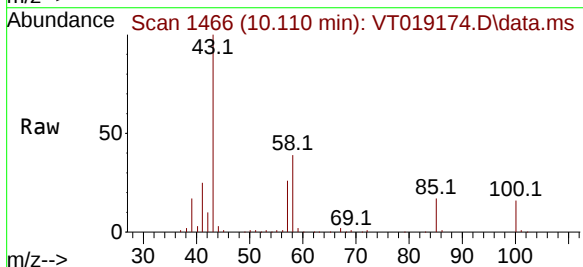
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

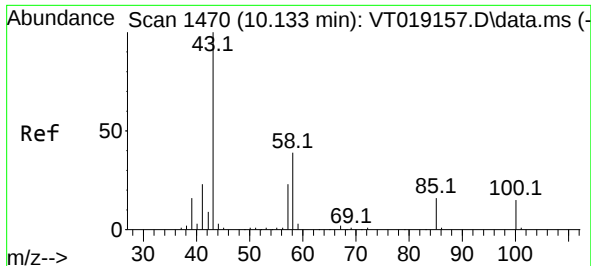
Tgt Ion:117 Resp: 127672
Ion Ratio Lower Upper
117 100
82 58.1 46.0 69.0
119 32.4 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 88.439 ug/l
RT: 10.110 min Scan# 1466
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 43 Resp: 276514
Ion Ratio Lower Upper
43 100
58 39.0 30.6 45.8
85 16.7 13.4 20.2





#59

2-Hexanone

Concen: 88.439 ug/l

RT: 10.110 min Scan# 1466

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBSD01

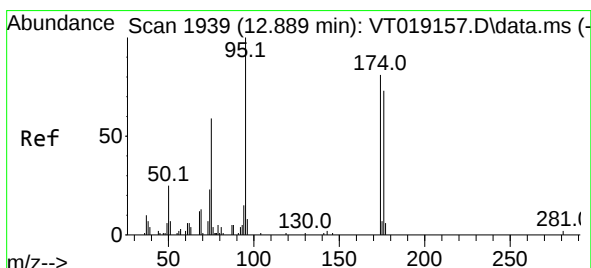
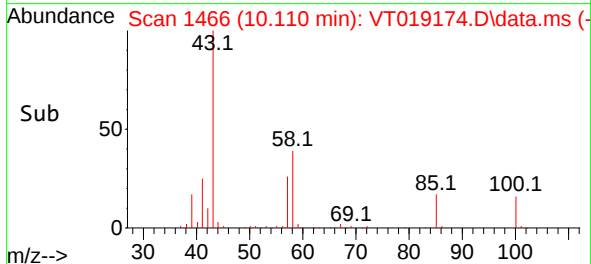
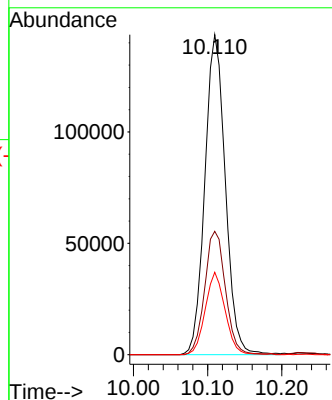
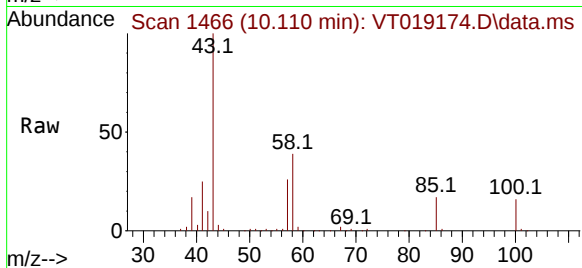
Tgt Ion: 43 Resp: 276514

Ion Ratio Lower Upper

43 100

58 39.0 42.0 63.0#

57 24.9 14.6 21.8#



#60

4-Bromofluorobenzene

Concen: 29.728 ug/l

RT: 12.859 min Scan# 1934

Delta R.T. -0.030 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

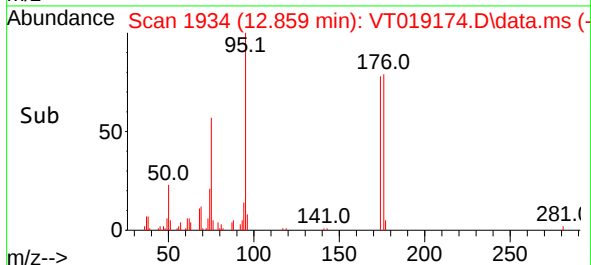
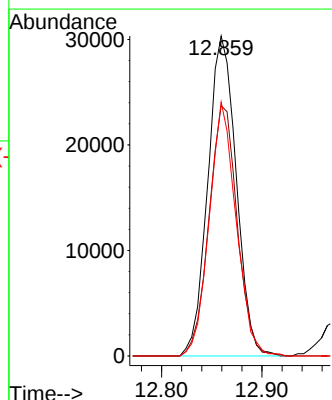
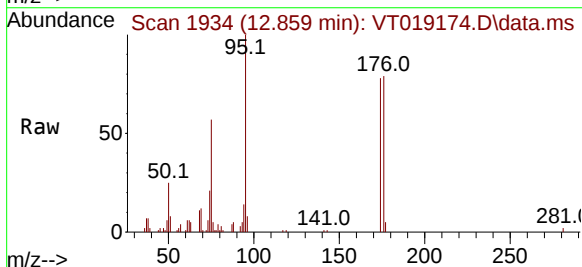
Tgt Ion: 95 Resp: 59651

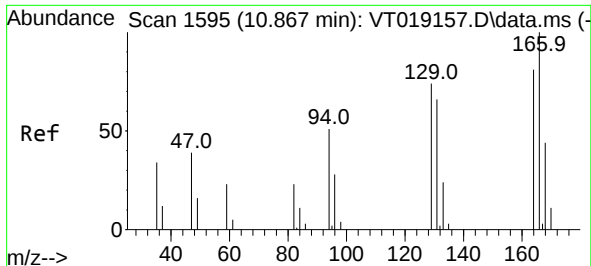
Ion Ratio Lower Upper

95 100

174 78.0 57.5 86.3

176 75.0 56.4 84.6

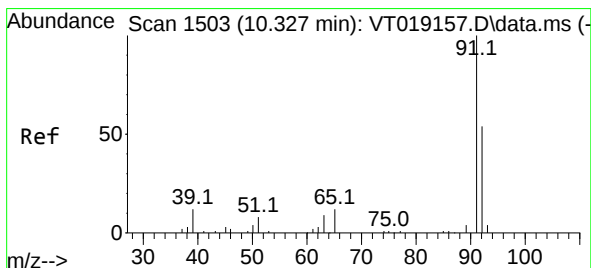
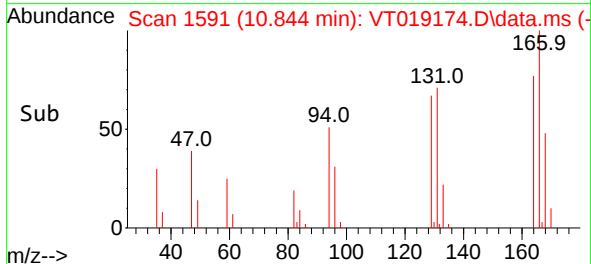
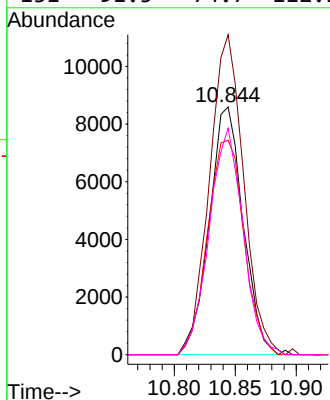
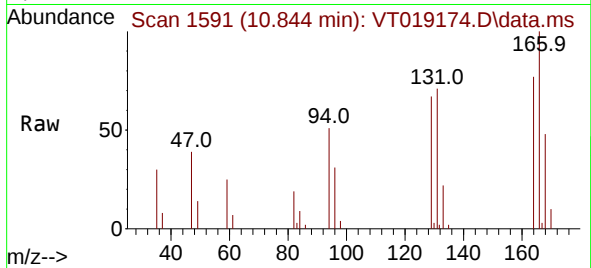




#61
Tetrachloroethene
Concen: 20.610 ug/l
RT: 10.844 min Scan# 11
Delta R.T. -0.023 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

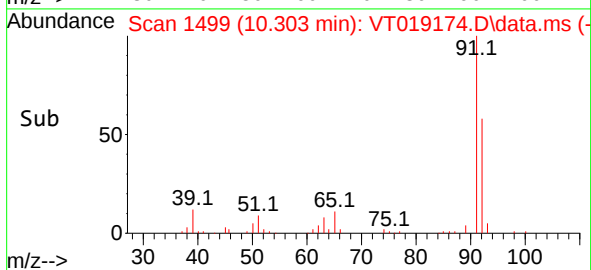
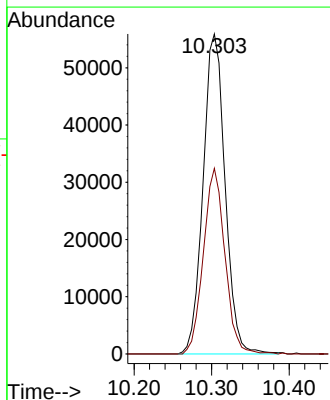
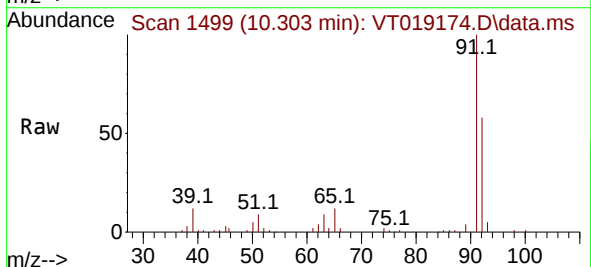
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

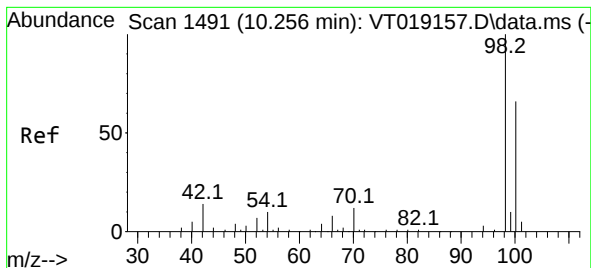
Tgt Ion:164 Resp: 16632
Ion Ratio Lower Upper
164 100
166 129.2 101.0 151.4
129 86.6 78.6 117.8
131 91.5 74.7 112.1



#62
Toluene
Concen: 19.270 ug/l
RT: 10.303 min Scan# 1499
Delta R.T. -0.030 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 91 Resp: 110197
Ion Ratio Lower Upper
91 100
92 56.6 46.6 69.8





#63

Toluene-d8

Concen: 30.286 ug/l

RT: 10.227 min Scan# 1491

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

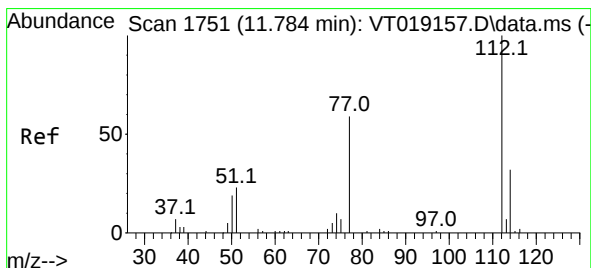
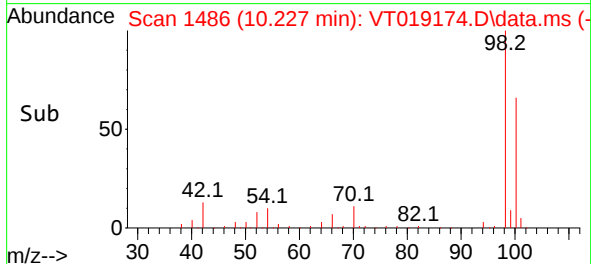
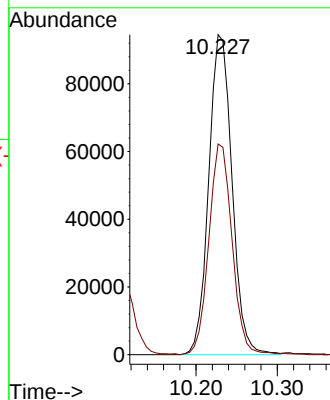
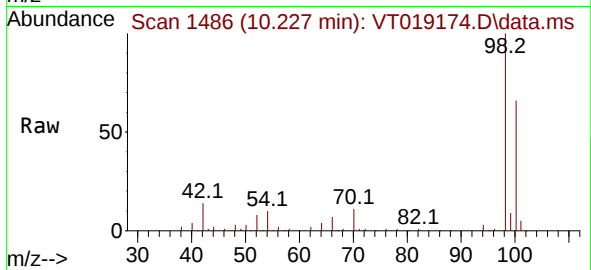
VT1024WBSD01

Tgt Ion: 98 Resp: 188201

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



#64

Chlorobenzene

Concen: 19.072 ug/l

RT: 11.755 min Scan# 1746

Delta R.T. -0.029 min

Lab File: VT019174.D

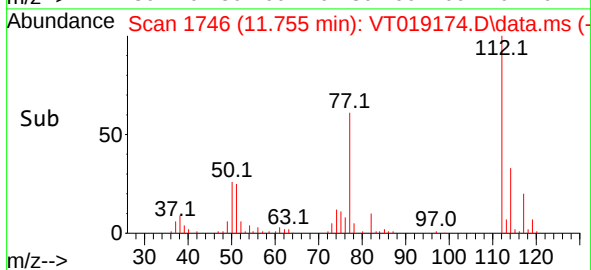
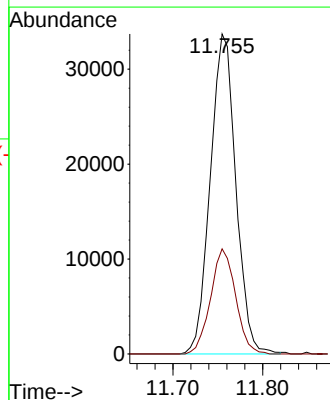
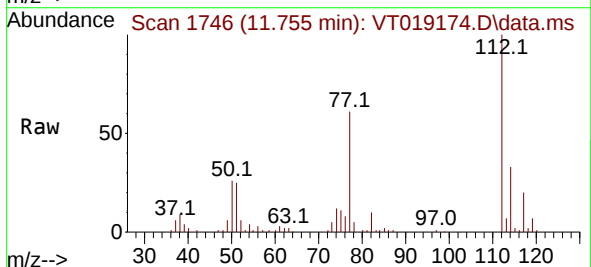
Acq: 24 Oct 2025 10:34

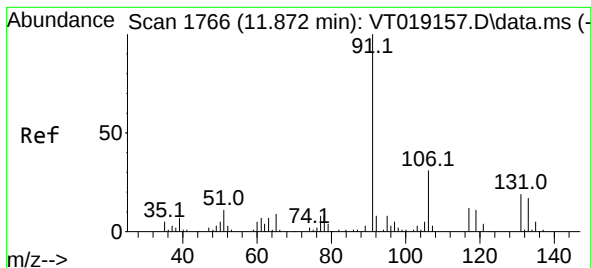
Tgt Ion: 112 Resp: 66617

Ion Ratio Lower Upper

112 100

114 32.8 23.6 35.4

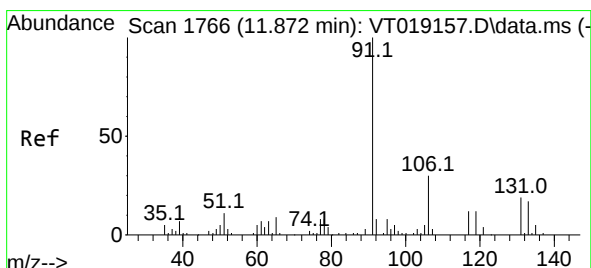
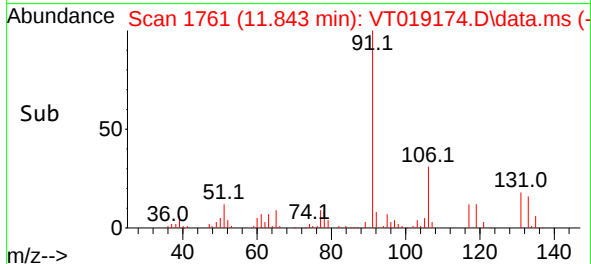
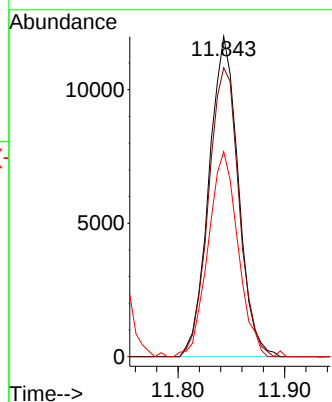
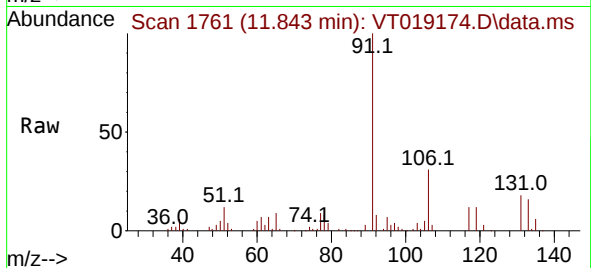




#65
1,1,1,2-Tetrachloroethane
Concen: 20.172 ug/l
RT: 11.843 min Scan# 1761
Delta R.T. -0.023 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

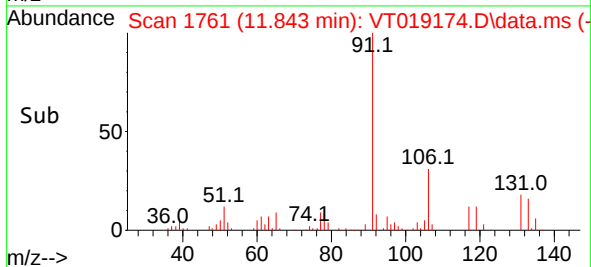
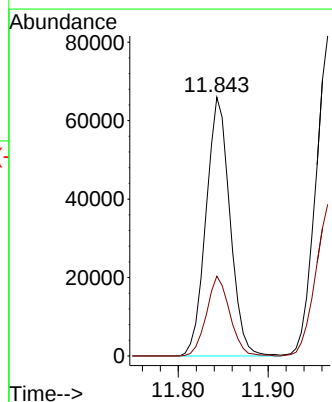
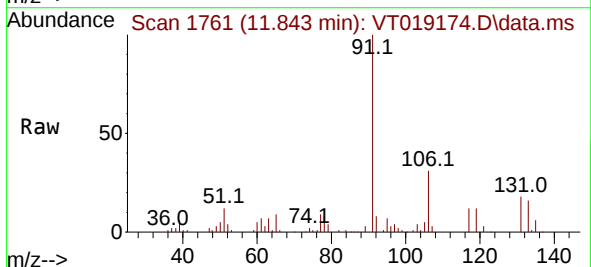
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

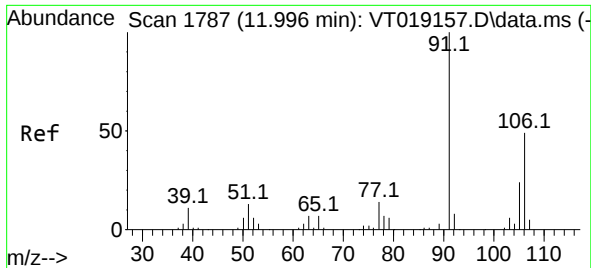
Tgt Ion:131 Resp: 22951
Ion Ratio Lower Upper
131 100
133 93.7 0.0 188.2
119 64.7 0.0 101.8



#66
Ethyl Benzene
Concen: 19.629 ug/l
RT: 11.843 min Scan# 1761
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 91 Resp: 121990
Ion Ratio Lower Upper
91 100
106 30.8 25.1 37.7

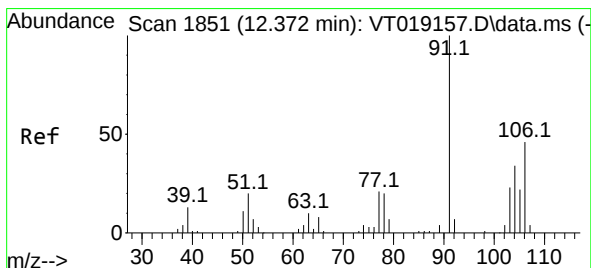
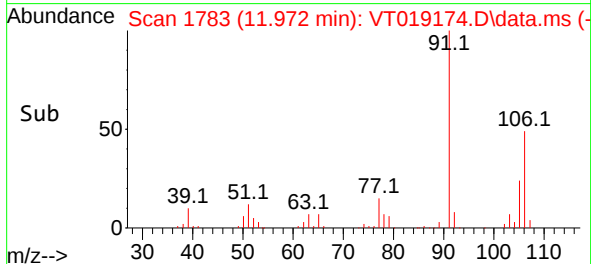
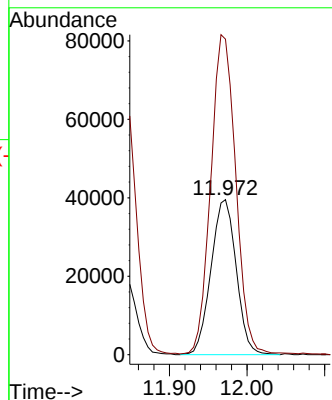
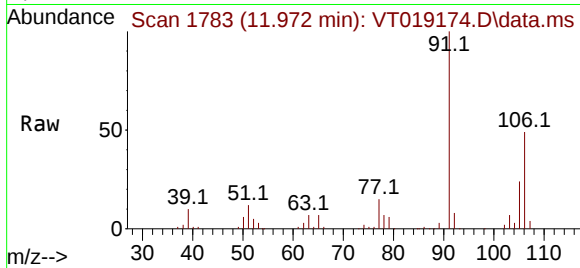




#67
m/p-Xylenes
Concen: 38.720 ug/l
RT: 11.972 min Scan# 11
Delta R.T. -0.023 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

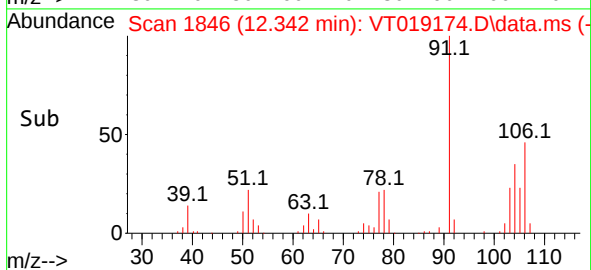
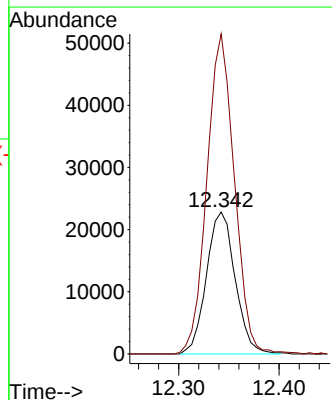
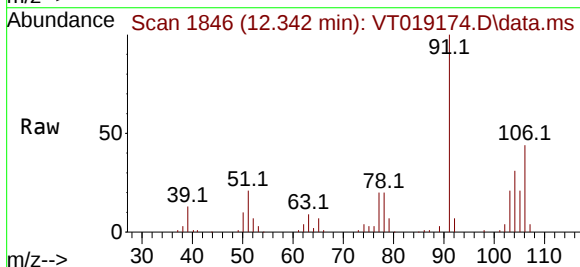
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

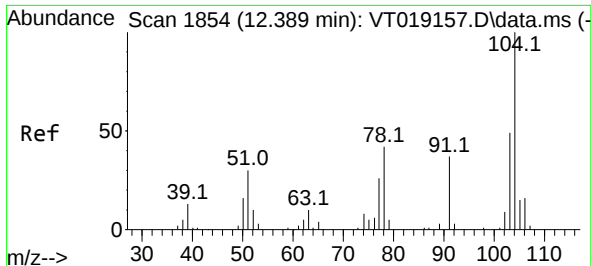
Tgt Ion:106 Resp: 89455
Ion Ratio Lower Upper
106 100
91 202.7 164.4 246.6



#68
o-Xylene
Concen: 19.051 ug/l
RT: 12.342 min Scan# 1846
Delta R.T. -0.030 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion:106 Resp: 45430
Ion Ratio Lower Upper
106 100
91 216.0 111.3 333.8





#69

Styrene

Concen: 19.012 ug/l

RT: 12.360 min Scan# 1849

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBSD01

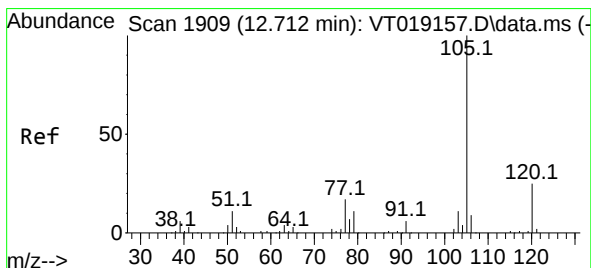
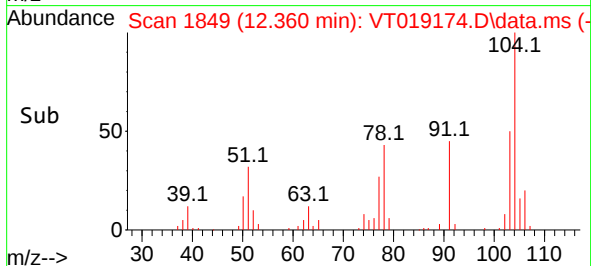
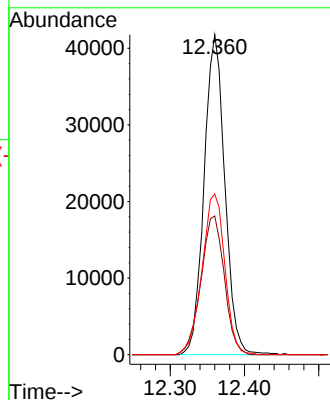
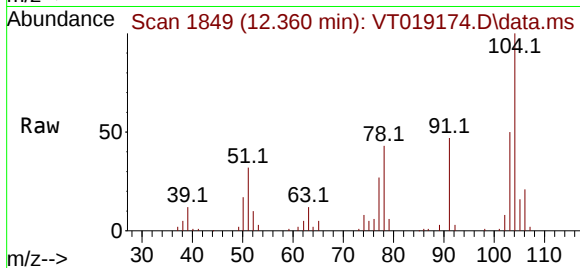
Tgt Ion:104 Resp: 81397

Ion Ratio Lower Upper

104 100

78 48.7 42.6 63.8

103 55.1 43.5 65.3



#70

Isopropylbenzene

Concen: 20.167 ug/l

RT: 12.683 min Scan# 1904

Delta R.T. -0.029 min

Lab File: VT019174.D

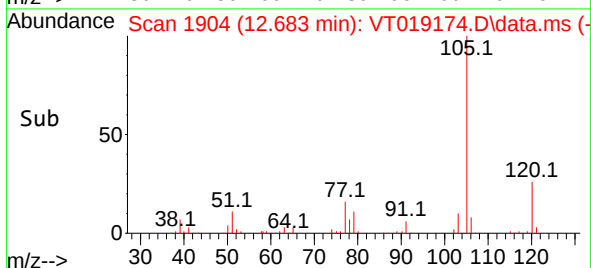
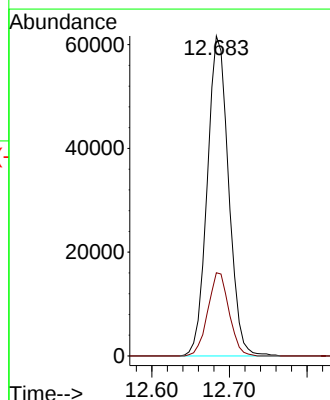
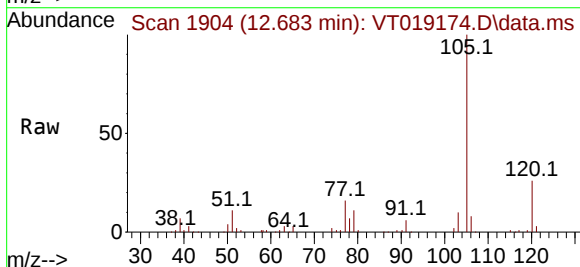
Acq: 24 Oct 2025 10:34

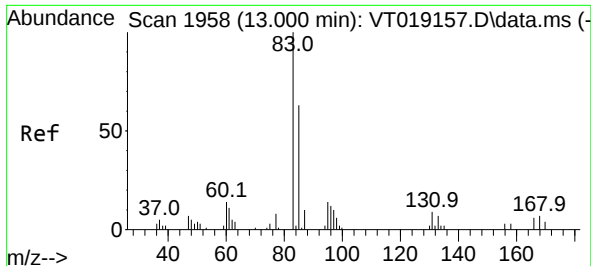
Tgt Ion:105 Resp: 117961

Ion Ratio Lower Upper

105 100

120 25.9 17.8 33.0

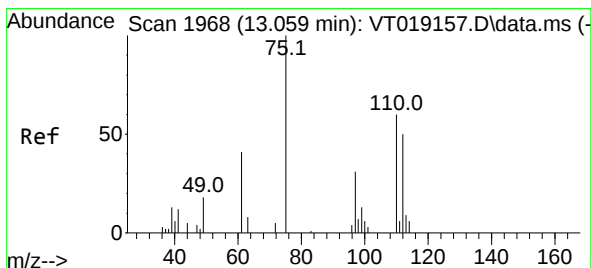
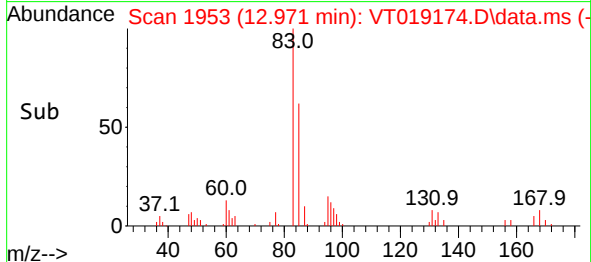
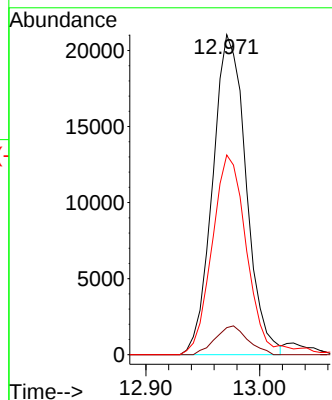
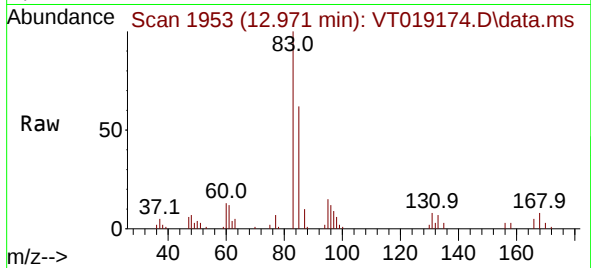




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.697 ug/l
 RT: 12.971 min Scan# 1953
 Delta R.T. -0.029 min
 Lab File: VT019174.D
 Acq: 24 Oct 2025 10:34

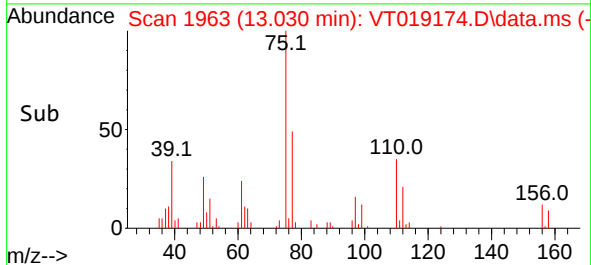
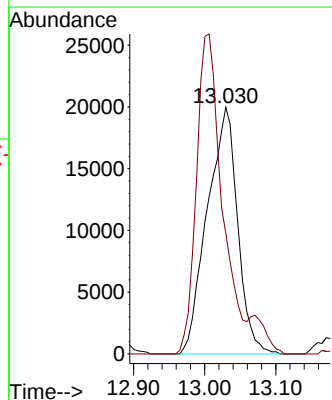
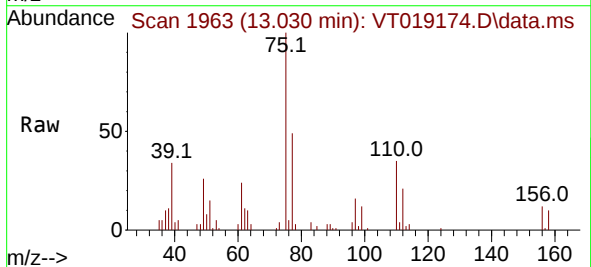
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1024WBSD01

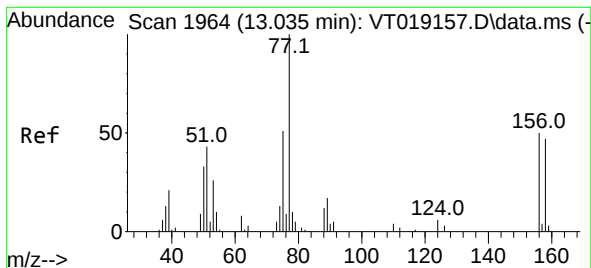
Tgt Ion: 83 Resp: 42910
 Ion Ratio Lower Upper
 83 100
 131 8.7 6.0 18.0
 85 63.3 32.3 96.9



#72
 1,2,3-Trichloropropane
 Concen: 34.836 ug/l
 RT: 13.030 min Scan# 1963
 Delta R.T. -0.029 min
 Lab File: VT019174.D
 Acq: 24 Oct 2025 10:34

Tgt Ion: 75 Resp: 59016
 Ion Ratio Lower Upper
 75 100
 77 110.3 0.0 74.2#





#73

Bromobenzene

Concen: 19.391 ug/l

RT: 13.006 min Scan# 1964

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBSD01

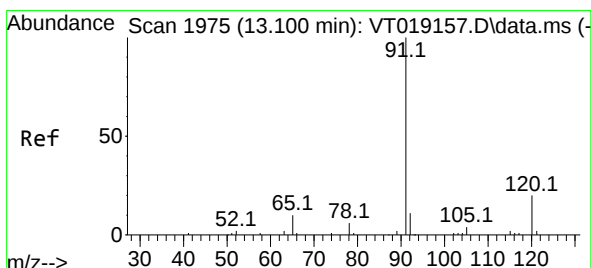
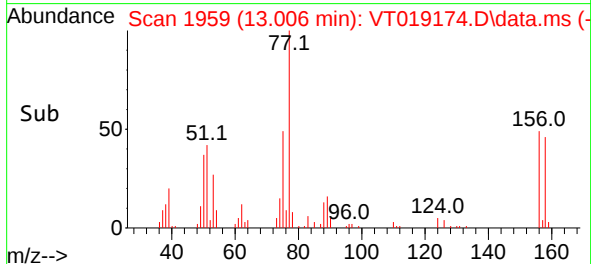
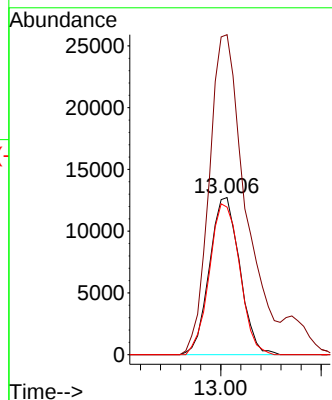
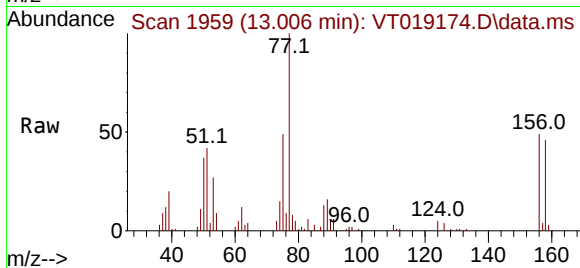
Tgt Ion:156 Resp: 26672

Ion Ratio Lower Upper

156 100

77 244.1 0.0 340.8

158 96.0 0.0 189.0



#74

n-propylbenzene

Concen: 20.449 ug/l

RT: 13.071 min Scan# 1970

Delta R.T. -0.029 min

Lab File: VT019174.D

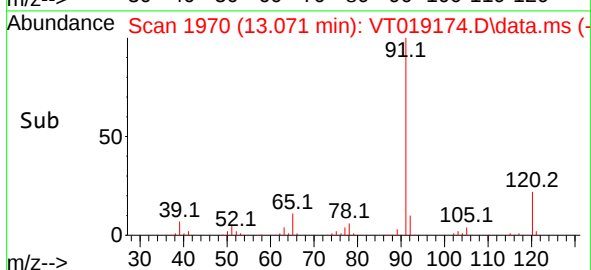
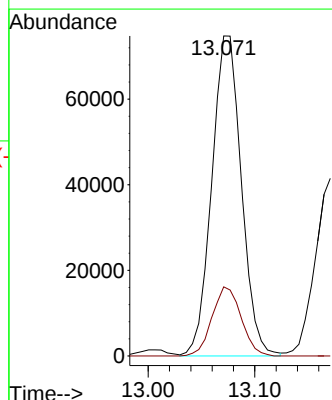
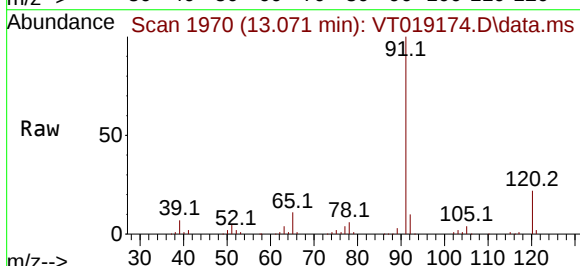
Acq: 24 Oct 2025 10:34

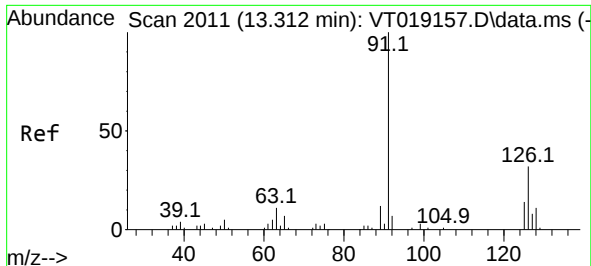
Tgt Ion: 91 Resp: 144227

Ion Ratio Lower Upper

91 100

120 21.2 0.0 44.4

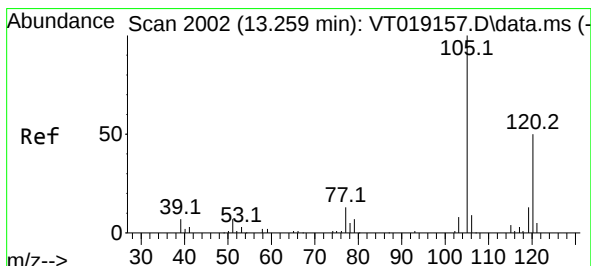
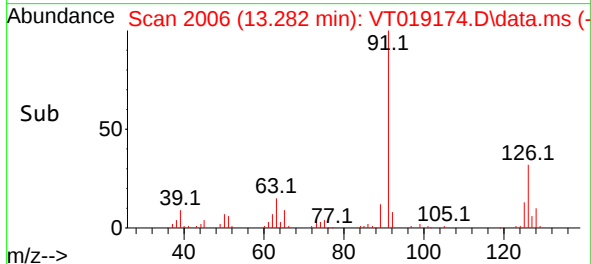
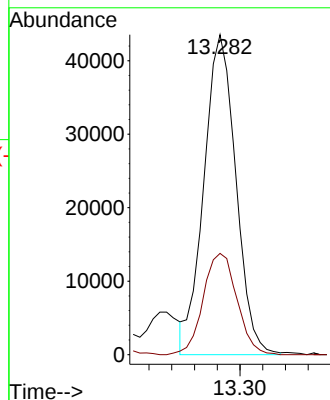
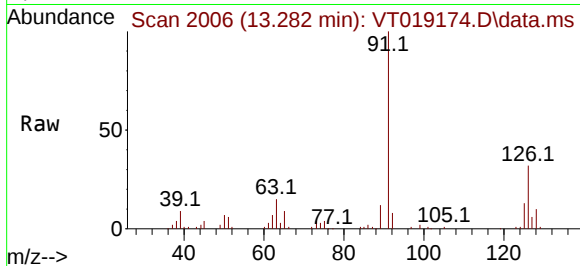




#75
2-Chlorotoluene
Concen: 19.694 ug/l
RT: 13.282 min Scan# 2011
Delta R.T. -0.030 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

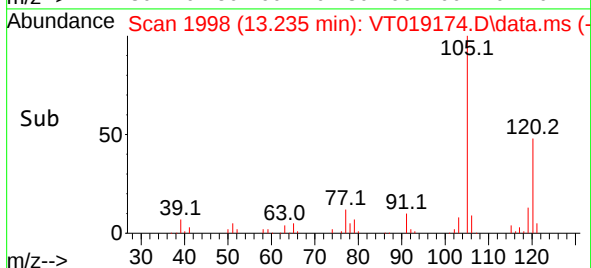
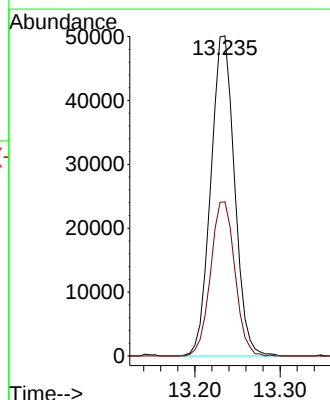
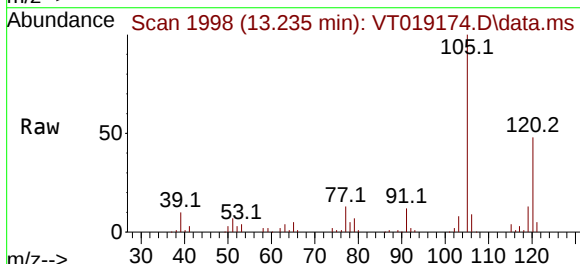
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

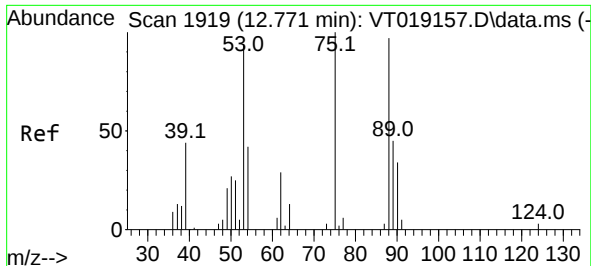
Tgt Ion: 91 Resp: 85036
Ion Ratio Lower Upper
91 100
126 33.3 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 20.247 ug/l
RT: 13.235 min Scan# 1998
Delta R.T. -0.024 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 105 Resp: 97161
Ion Ratio Lower Upper
105 100
120 49.2 0.0 93.0

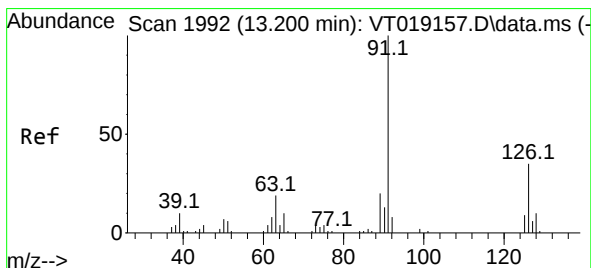
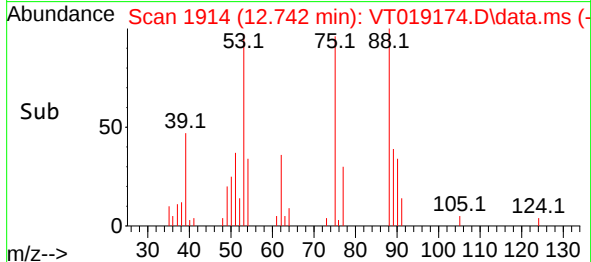
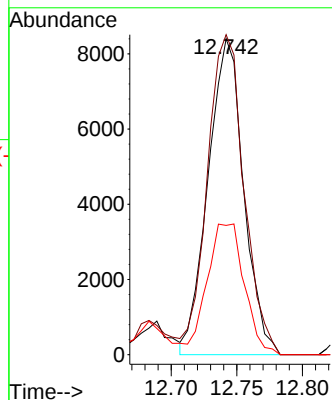
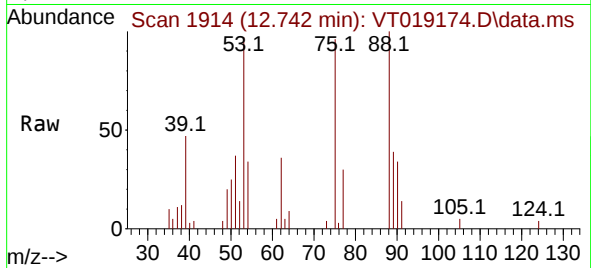




#77
t-1,4-Dichloro-2-butene
Concen: 19.251 ug/l
RT: 12.742 min Scan# 1914
Delta R.T. -0.023 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

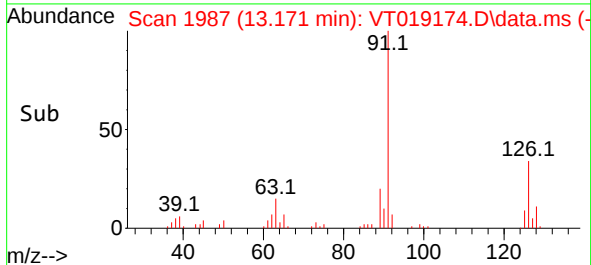
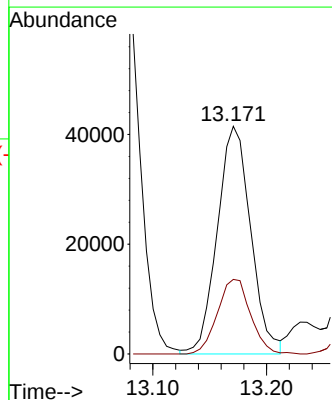
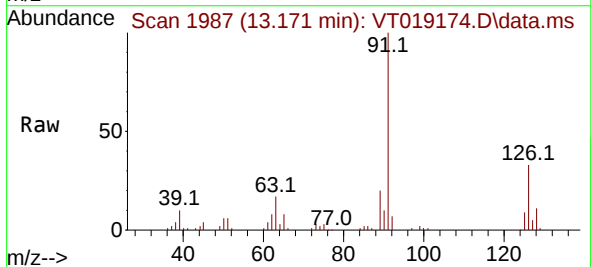
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

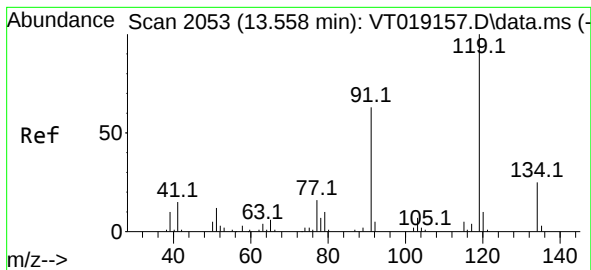
Tgt Ion: 75 Resp: 15846
Ion Ratio Lower Upper
75 100
53 101.3 48.4 145.2
89 40.9 33.8 101.3



#78
4-Chlorotoluene
Concen: 19.930 ug/l
RT: 13.171 min Scan# 1987
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion: 91 Resp: 84887
Ion Ratio Lower Upper
91 100
126 32.2 0.0 57.2

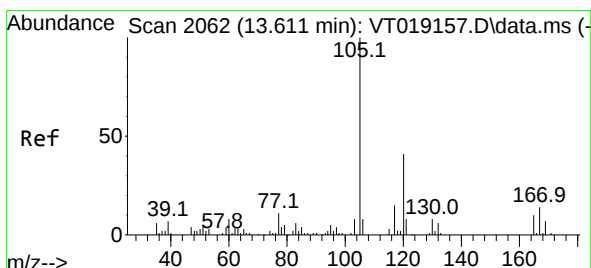
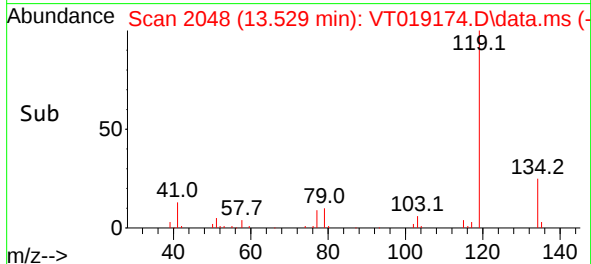
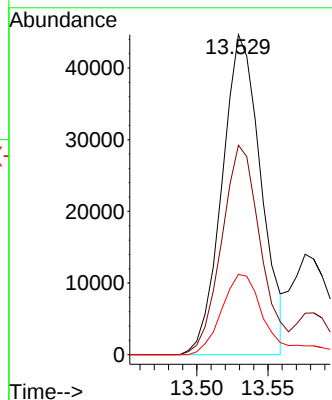
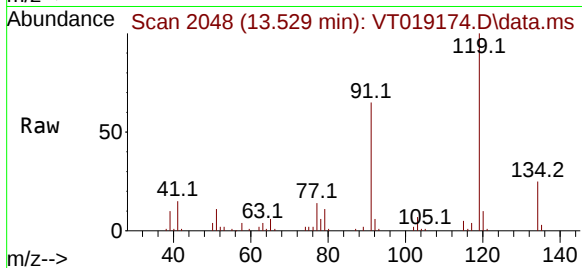




#79
tert-butylbenzene
Concen: 19.948 ug/l
RT: 13.529 min Scan# 2053
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

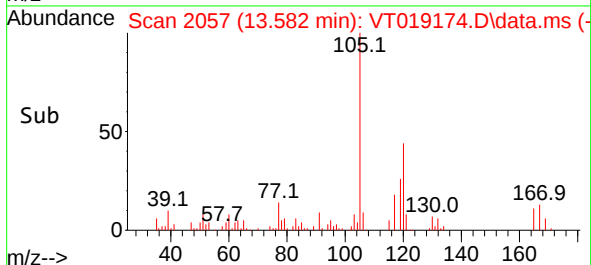
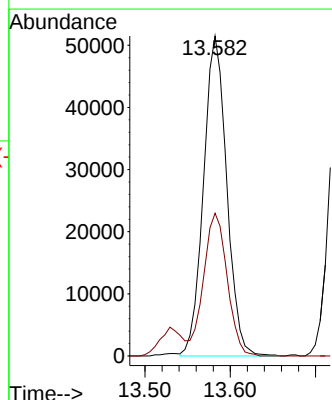
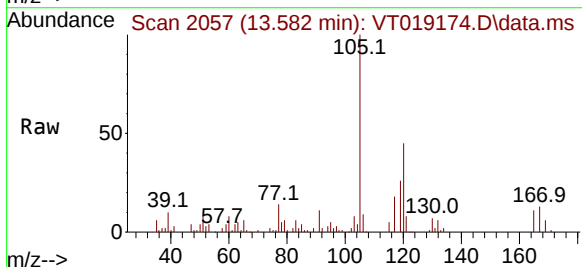
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

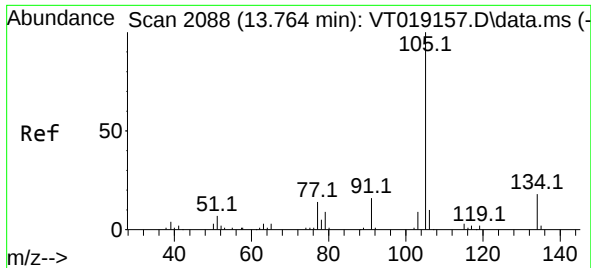
Tgt Ion:119 Resp: 85017
Ion Ratio Lower Upper
119 100
91 66.1 0.0 120.6
134 26.0 0.0 46.0



#80
1,2,4-Trimethylbenzene
Concen: 19.455 ug/l
RT: 13.582 min Scan# 2057
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion:105 Resp: 97405
Ion Ratio Lower Upper
105 100
120 45.9 0.0 88.6

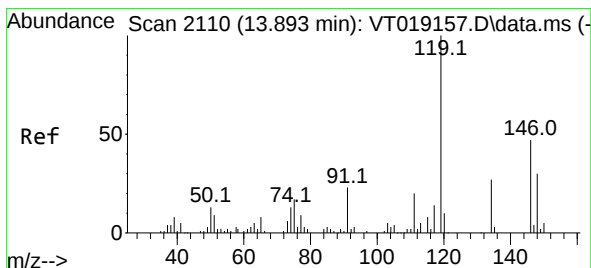
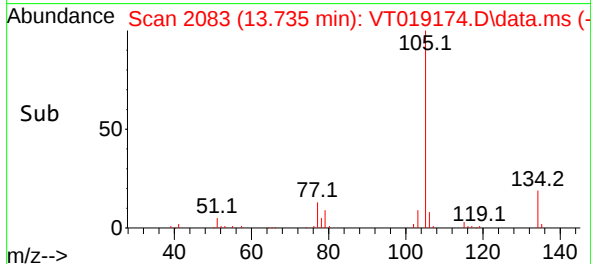
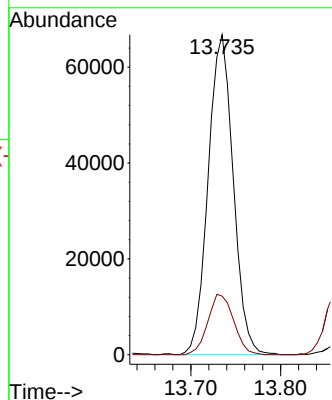
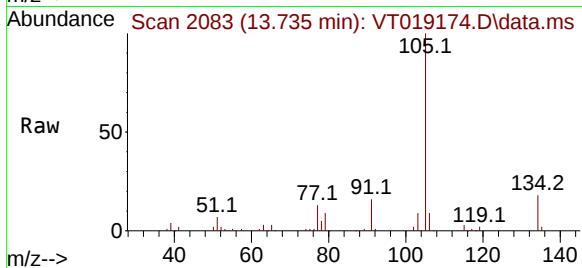




#81
 sec-Butylbenzene
 Concen: 21.065 ug/l
 RT: 13.735 min Scan# 2083
 Delta R.T. -0.029 min
 Lab File: VT019174.D
 Acq: 24 Oct 2025 10:34

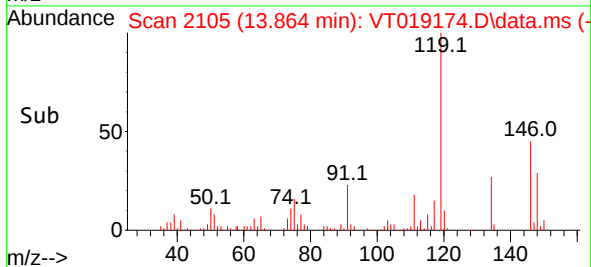
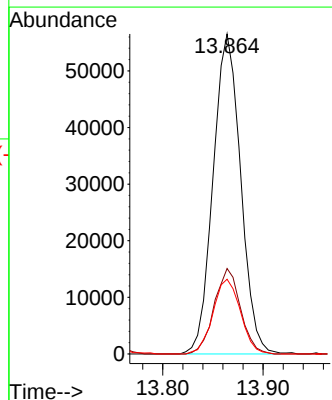
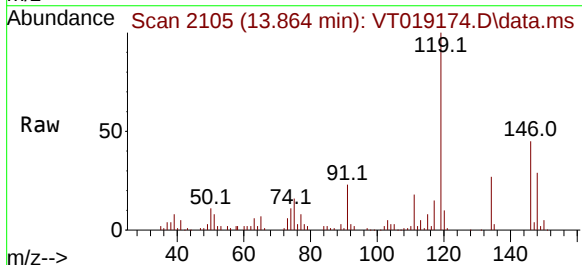
Instrument :
 MSVOA_T
 ClientSampleId :
 VT1024WBSD01

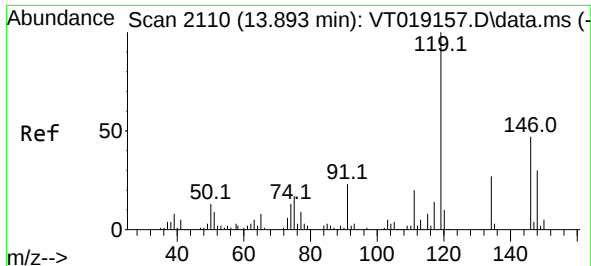
Tgt Ion:105 Resp: 129363
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 21.085 ug/l
 RT: 13.864 min Scan# 2105
 Delta R.T. -0.029 min
 Lab File: VT019174.D
 Acq: 24 Oct 2025 10:34

Tgt Ion:119 Resp: 107723
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 50.8
 91 23.3 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 20.018 ug/l

RT: 13.864 min Scan# 2110

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBSD01

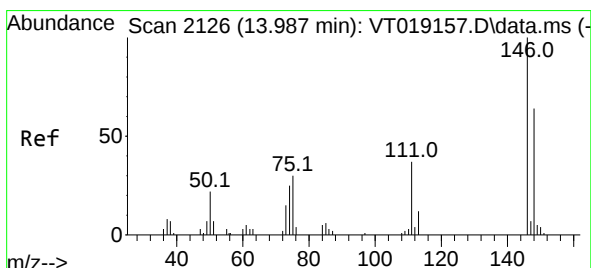
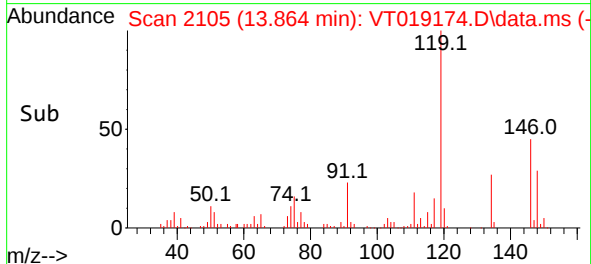
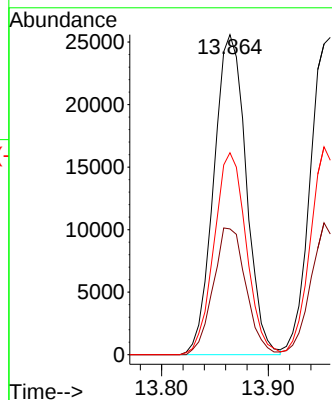
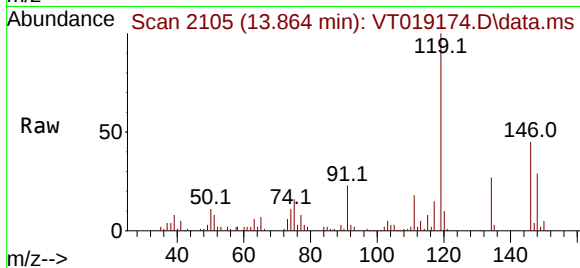
Tgt Ion:146 Resp: 53999

Ion Ratio Lower Upper

146 100

111 39.9 20.7 62.1

148 62.8 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 19.779 ug/l

RT: 13.958 min Scan# 2121

Delta R.T. -0.023 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

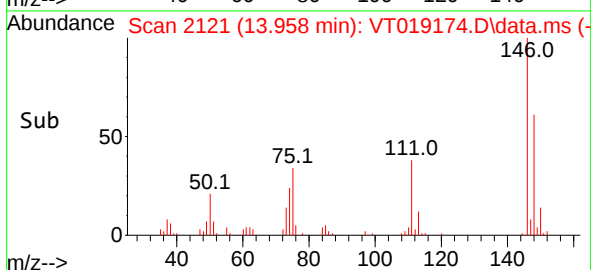
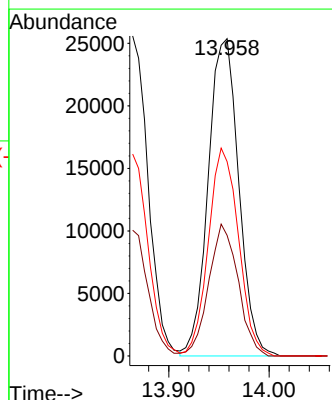
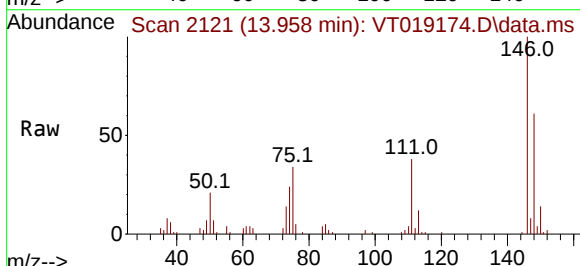
Tgt Ion:146 Resp: 53718

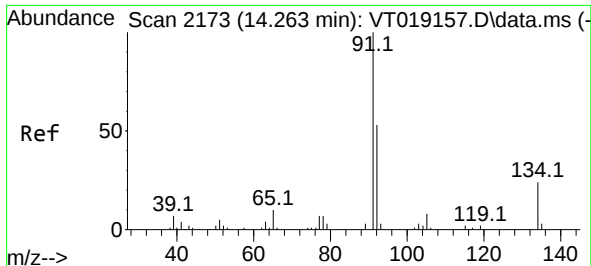
Ion Ratio Lower Upper

146 100

111 40.1 20.4 61.3

148 64.6 32.3 96.8





#85

n-Butylbenzene

Concen: 21.360 ug/l

RT: 14.234 min Scan# 2173

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBSD01

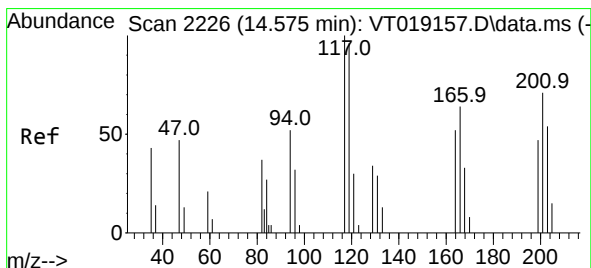
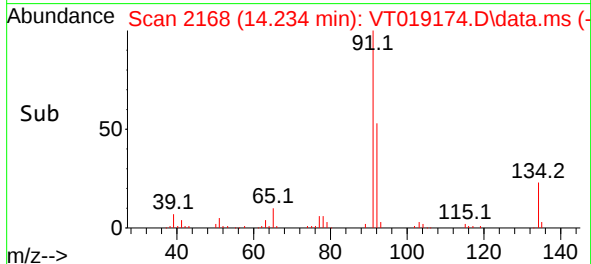
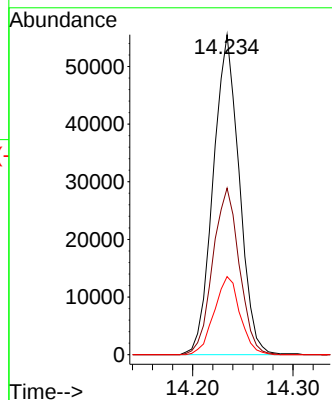
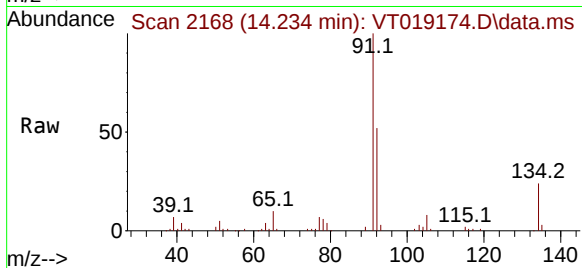
Tgt Ion: 91 Resp: 99874

Ion Ratio Lower Upper

91 100

92 53.1 0.0 107.8

134 24.3 0.0 50.0



#86

Hexachloroethane

Concen: 23.207 ug/l

RT: 14.546 min Scan# 2221

Delta R.T. -0.029 min

Lab File: VT019174.D

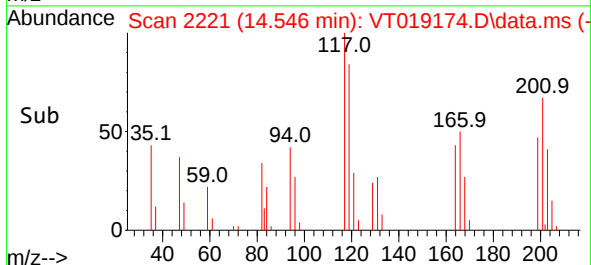
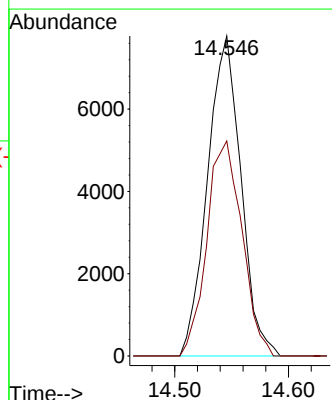
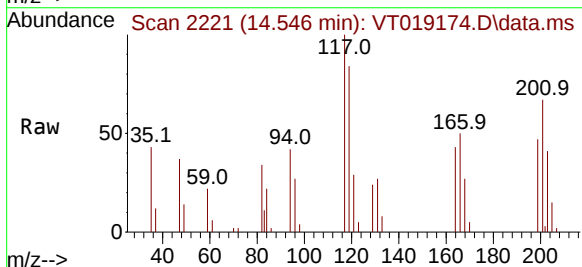
Acq: 24 Oct 2025 10:34

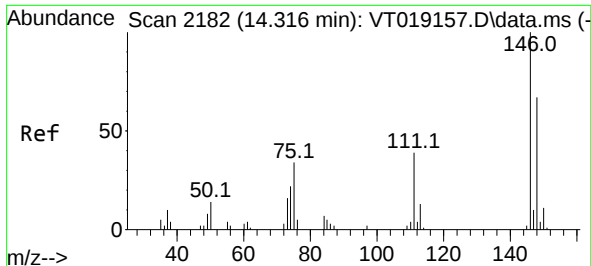
Tgt Ion: 117 Resp: 15889

Ion Ratio Lower Upper

117 100

201 70.5 0.5 1.5#





#87

1,2-Dichlorobenzene

Concen: 19.727 ug/l

RT: 14.287 min Scan# 2182

Delta R.T. -0.029 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

Instrument :

MSVOA_T

ClientSampleId :

VT1024WBSD01

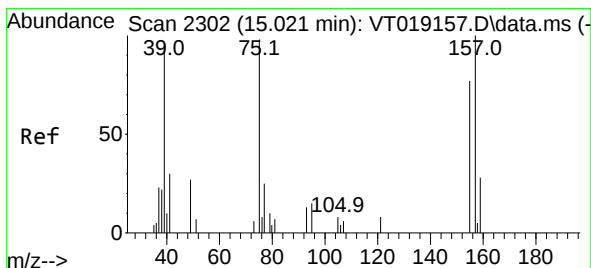
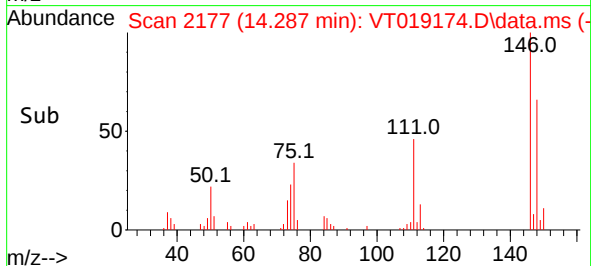
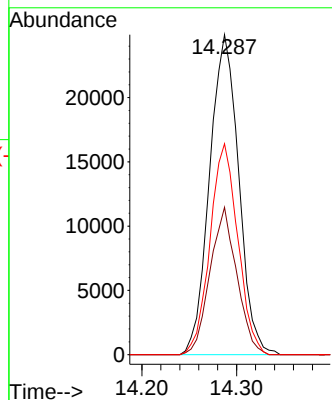
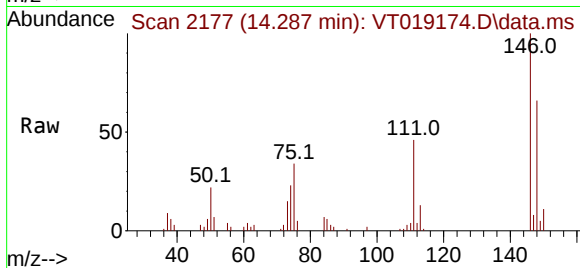
Tgt Ion:146 Resp: 53161

Ion Ratio Lower Upper

146 100

111 42.5 21.8 65.3

148 63.1 32.4 97.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.545 ug/l

RT: 14.986 min Scan# 2296

Delta R.T. -0.035 min

Lab File: VT019174.D

Acq: 24 Oct 2025 10:34

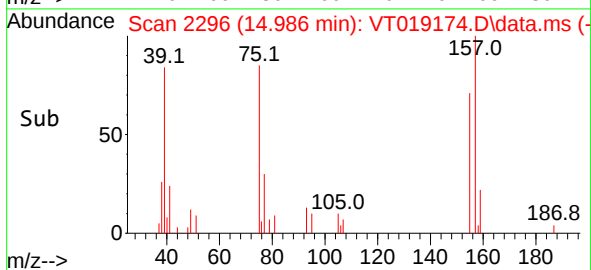
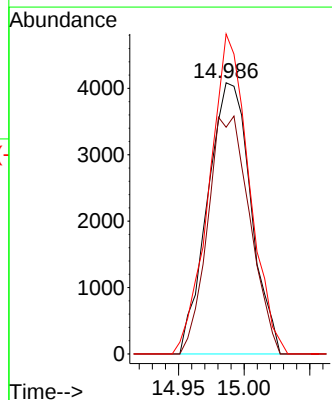
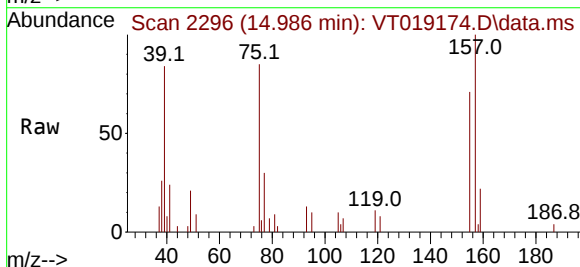
Tgt Ion: 75 Resp: 9351

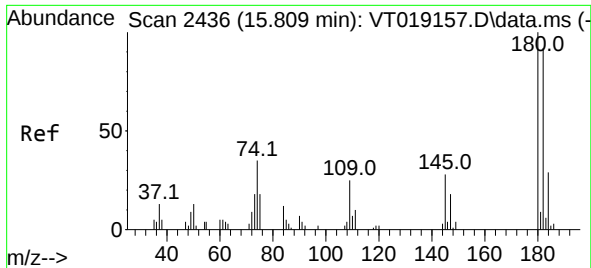
Ion Ratio Lower Upper

75 100

155 85.3 65.4 98.2

157 109.1 82.0 123.0

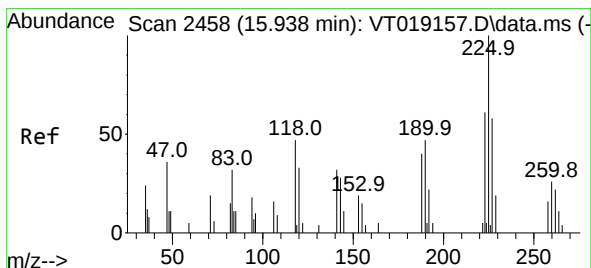
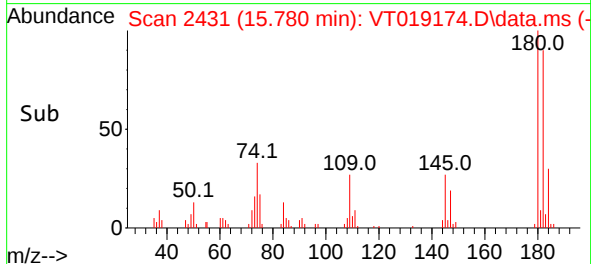
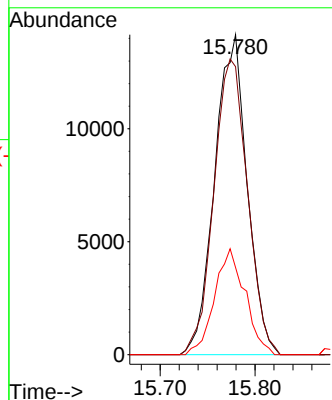
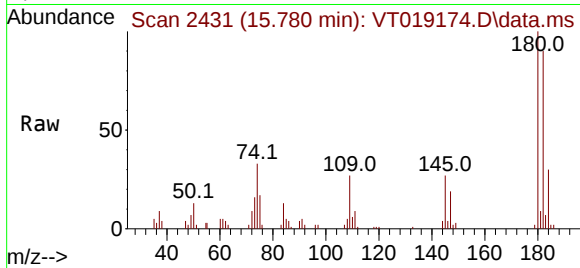




#89
1,2,4-Trichlorobenzene
Concen: 20.503 ug/l
RT: 15.780 min Scan# 2436
Delta R.T. -0.029 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

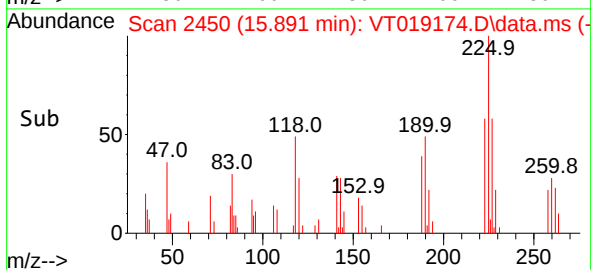
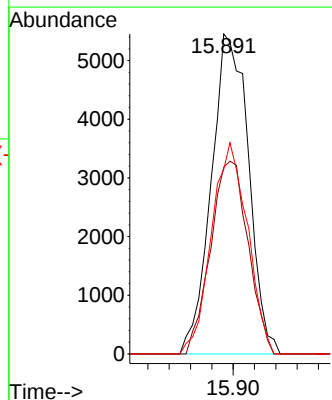
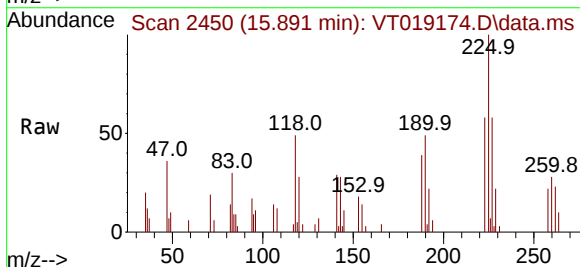
Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

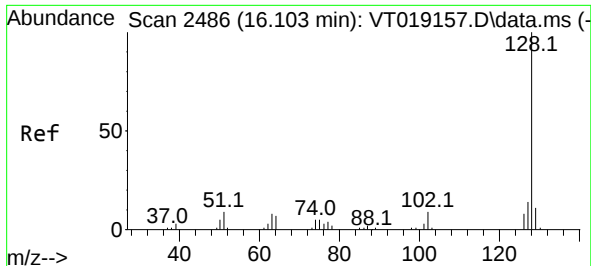
Tgt Ion:180 Resp: 33636
Ion Ratio Lower Upper
180 100
182 96.0 78.2 117.2
145 31.3 26.5 39.7



#90
Hexachlorobutadiene
Concen: 24.284 ug/l
RT: 15.891 min Scan# 2450
Delta R.T. -0.047 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion:225 Resp: 13209
Ion Ratio Lower Upper
225 100
223 60.8 0.0 73.8
227 63.9 0.0 130.6

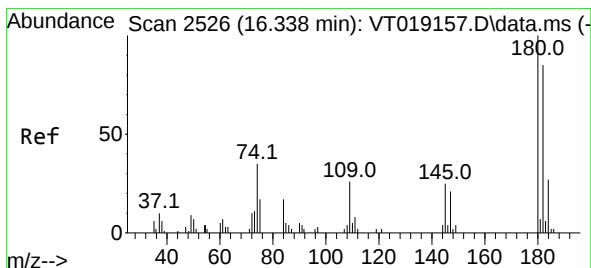
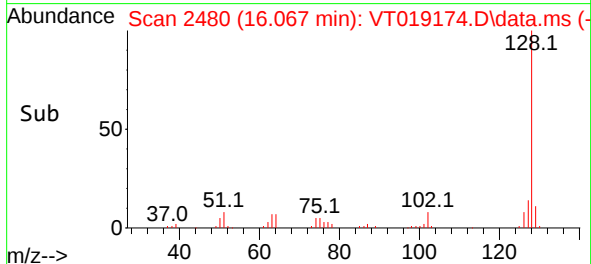
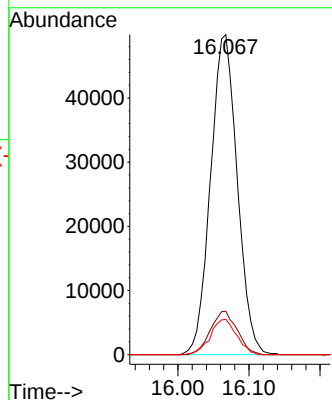
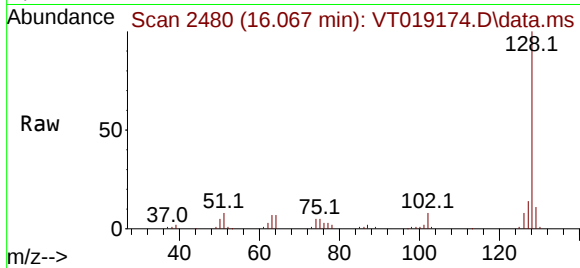




#91
Naphthalene
Concen: 20.529 ug/l
RT: 16.067 min Scan# 2486
Delta R.T. -0.030 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Instrument :
MSVOA_T
ClientSampleId :
VT1024WBSD01

Tgt Ion:128 Resp: 130171
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 10.9 9.0 13.4



#92
1,2,3-Trichlorobenzene
Concen: 20.889 ug/l
RT: 16.297 min Scan# 2519
Delta R.T. -0.041 min
Lab File: VT019174.D
Acq: 24 Oct 2025 10:34

Tgt Ion:180 Resp: 34590
Ion Ratio Lower Upper
180 100
182 95.9 0.0 189.0
145 31.6 0.0 69.2

