

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT102425\
 Data File : VT019180.D
 Acq On : 24 Oct 2025 15:29
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MDL05

Quant Time: Oct 25 01:46:08 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	7.054	128	23205	30.000	ug/l	#-0.02
28) 1,4-Difluorobenzene	8.553	114	159543	30.000	ug/l	-0.02
57) Chlorobenzene-d5	11.731	117	129900	30.000	ug/l	-0.02
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.947	65	63927	31.445	ug/l	-0.02
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.800%
60) 4-Bromofluorobenzene	12.859	95	57986	28.402	ug/l	-0.03
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.667%
63) Toluene-d8	10.227	98	188124	29.754	ug/l	-0.03
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.167%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.872	85	1627	2.555	ug/l	99
3) Chloromethane	2.107	50	774	0.529	ug/l #	70
4) Vinyl Chloride	2.189	62	4001	2.449	ug/l	92
5) Bromomethane	2.536	94	3770	2.779	ug/l	95
6) Chloroethane	2.677	64	3288	2.282	ug/l	99
7) Trichlorofluoromethane	2.977	101	6488	2.449	ug/l	86
8) Diethyl Ether	3.341	74	3582	2.196	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.658	101	1061	1.020	ug/l #	1
10) 1,1-Dichloroethene	3.641	96	1743	1.673	ug/l	85
11) Methyl Iodide	3.858	142	1626	1.601	ug/l #	1
12) Methyl Acetate	4.210	43	7192	1.745	ug/l	93
13) Acrolein	3.523	56	986	7.095	ug/l	85
14) Acrylonitrile	4.816	53	15487	12.193	ug/l #	66
15) Acetone	3.729	58	7608	16.813	ug/l	87
16) Carbon Disulfide	3.940	76	5214	2.679	ug/l	98
17) Allyl chloride	4.199	41	5753	2.323	ug/l	94
18) Methylene Chloride	4.410	84	5262	3.386	ug/l	92
19) trans-1,2-Dichloroethene	6.661	96	2348	1.465	ug/l	97
20) Diisopropyl ether	5.773	45	7818	1.240	ug/l #	27
21) 1,1-Dichloroethane	5.668	63	7314	2.482	ug/l #	82
22) cis-1,2-Dichloroethene	6.661	96	2348	1.465	ug/l #	21
23) tert-Butyl Alcohol	4.633	59	9047	16.258	ug/l #	100
24) Methyl tert-Butyl Ether	4.880	73	8995	1.437	ug/l	92
25) Chloroform	7.236	83	6544	2.428	ug/l	99
26) Cyclohexane	7.536	56	4877	2.821	ug/l #	69
29) 1,1-Dichloropropene	7.689	75	3960	2.372	ug/l	84
30) 2-Butanone	6.678	43	26882	13.064	ug/l	97
31) 2,2-Dichloropropane	6.661	77	6305	2.579	ug/l #	85
32) 1,1,1-Trichloroethane	7.454	97	5048	2.400	ug/l #	44
33) Carbon Tetrachloride	7.665	117	3034	2.251	ug/l #	95
34) Benzene	7.959	78	14721	2.380	ug/l #	7
35) Methacrylonitrile	7.013	41	1807	1.032	ug/l	89
36) 1,2-Dichloroethane	8.053	62	5166	2.253	ug/l	96
37) Trichloroethene	8.829	130	2583	2.270	ug/l	90
38) Methylcyclohexane	9.093	83	4387	2.609	ug/l	97
39) 1,2-Dichloropropane	9.140	63	3775	2.330	ug/l #	87
40) Dibromomethane	9.275	93	56	0.056	ug/l #	16
41) Bromodichloromethane	10.803	83	56	0.044	ug/l #	28
42) Vinyl Acetate	5.715	43	50878	10.078	ug/l	99

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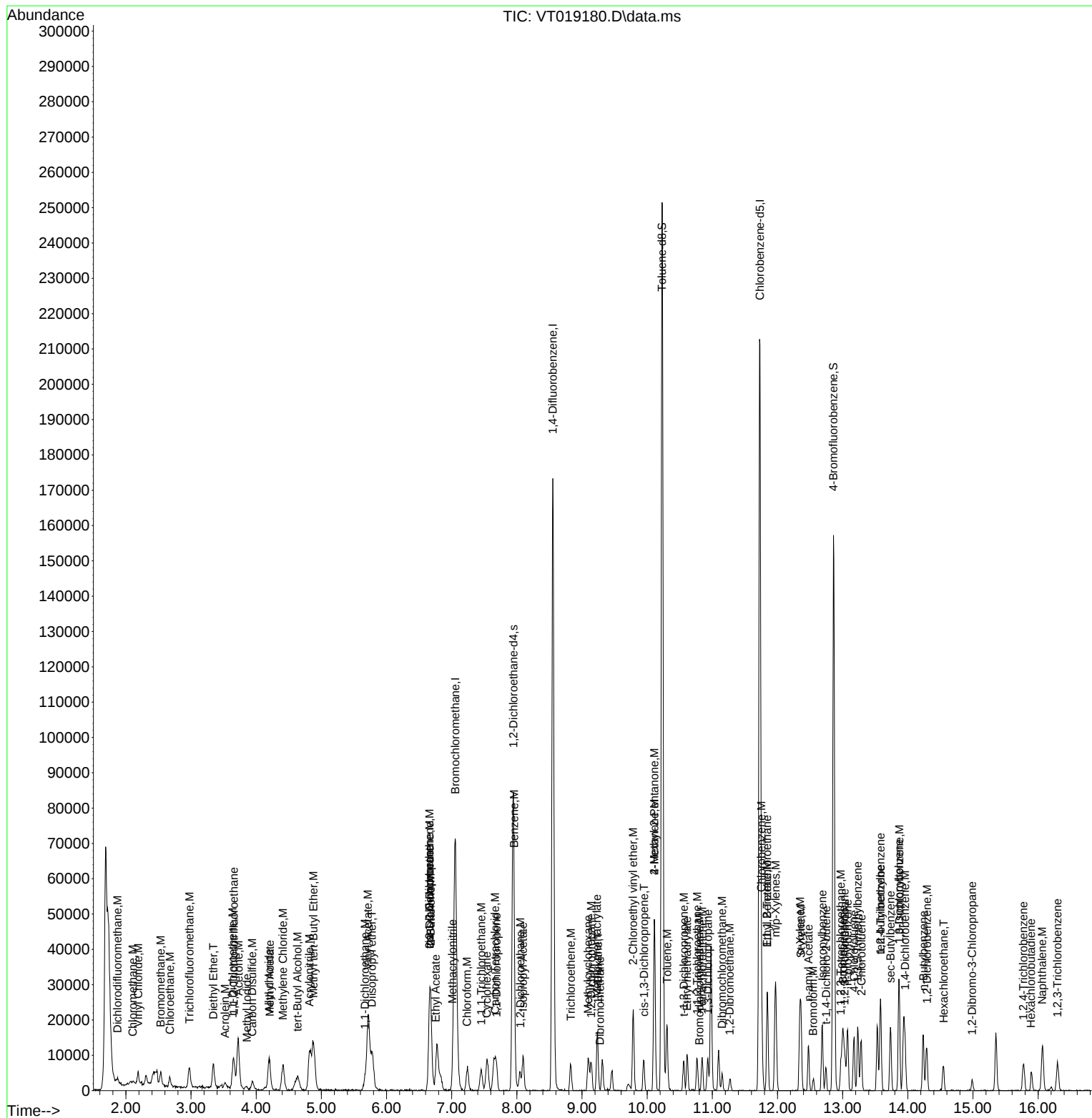
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	6.755	43	2051	0.606	ug/l	95
44) Isopropyl Acetate	8.094	43	11815	2.219	ug/l	99
45) 1,4-Dioxane	9.246	88	2092	45.295	ug/l #	72
46) Methyl methacrylate	9.228	41	5193	2.182	ug/l	93
47) n-amyl Acetate	12.477	43	7747	2.162	ug/l	95
48) t-1,3-Dichloropropene	10.562	75	5259	2.259	ug/l	96
49) cis-1,3-Dichloropropene	9.951	75	5612	2.295	ug/l	98
50) 1,1,2-Trichloroethane	10.768	97	3255	2.216	ug/l #	78
51) Ethyl methacrylate	10.609	69	6031	2.191	ug/l	94
52) 1,3-Dichloropropane	10.932	76	6194	2.361	ug/l	97
53) Dibromochloromethane	11.150	129	2924	2.134	ug/l #	1
54) 1,2-Dibromoethane	11.267	107	2930	2.144	ug/l	92
55) 2-Chloroethyl vinyl ether	9.786	63	10407	12.961	ug/l	99
56) Bromoform	12.548	173	1715	1.904	ug/l #	37
58) 4-Methyl-2-Pentanone	10.110	43	34274	10.774	ug/l	97
59) 2-Hexanone	10.110	43	34274	10.774	ug/l #	84
61) Tetrachloroethene	10.844	164	2321	2.827	ug/l #	77
62) Toluene	10.309	91	14265	2.452	ug/l	98
64) Chlorobenzene	11.755	112	8489	2.389	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.843	131	2680	2.315	ug/l	96
66) Ethyl Benzene	11.843	91	14799	2.340	ug/l	94
67) m/p-Xylenes	11.972	106	11114	4.728	ug/l	99
68) o-Xylene	12.348	106	5964	2.458	ug/l	89
69) Styrene	12.360	104	9486	2.178	ug/l	95
70) Isopropylbenzene	12.689	105	14901	2.504	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.971	83	5735	2.456	ug/l	89
72) 1,2,3-Trichloropropane	13.030	75	7069	4.101	ug/l #	1
73) Bromobenzene	13.006	156	3513	2.510	ug/l	68
74) n-propylbenzene	13.077	91	18407	2.565	ug/l	97
75) 2-Chlorotoluene	13.288	91	10923	2.486	ug/l	99
76) 1,3,5-Trimethylbenzene	13.229	105	11711	2.399	ug/l	95
77) t-1,4-Dichloro-2-butene	12.748	75	1498	1.789	ug/l	67
78) 4-Chlorotoluene	13.177	91	10733	2.477	ug/l	97
79) tert-butylbenzene	13.582	119	2746	0.633	ug/l	71
80) 1,2,4-Trimethylbenzene	13.582	105	12176	2.390	ug/l	97
81) sec-Butylbenzene	13.735	105	15240	2.439	ug/l	97
82) p-Isopropyltoluene	13.864	119	13385	2.575	ug/l	96
83) 1,3-Dichlorobenzene	13.870	146	6810	2.481	ug/l	97
84) 1,4-Dichlorobenzene	13.958	146	6545	2.369	ug/l	97
85) n-Butylbenzene	14.240	91	12256	2.576	ug/l	96
86) Hexachloroethane	14.551	117	713	1.024	ug/l #	1
87) 1,2-Dichlorobenzene	14.293	146	6634	2.420	ug/l	95
88) 1,2-Dibromo-3-Chloropr...	14.986	75	703	1.370	ug/l #	56
89) 1,2,4-Trichlorobenzene	15.774	180	4251	2.547	ug/l #	94
90) Hexachlorobutadiene	15.891	225	914	1.652	ug/l	79
91) Naphthalene	16.061	128	16141	2.502	ug/l #	93
92) 1,2,3-Trichlorobenzene	16.297	180	2780	1.650	ug/l	58

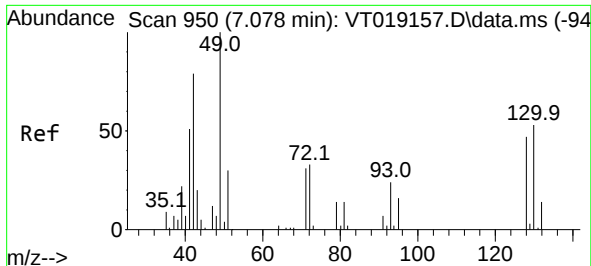
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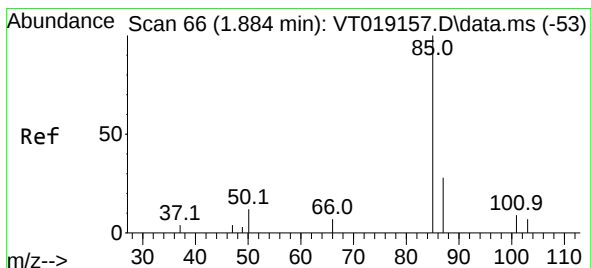
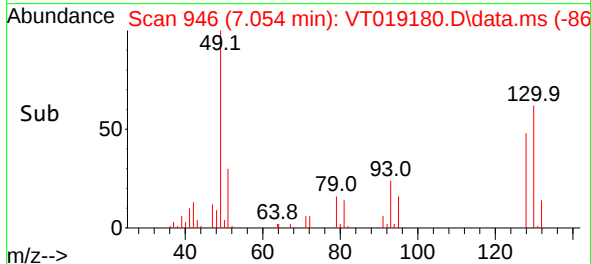
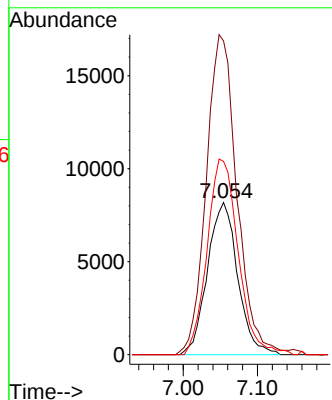
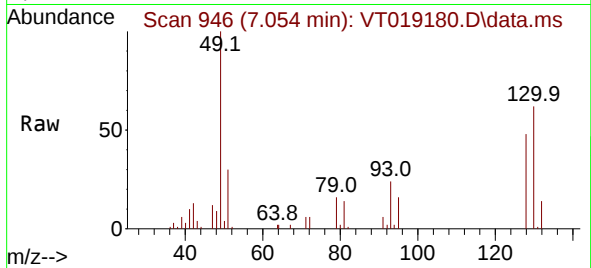




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.054 min Scan# 94
Delta R.T. -0.024 min
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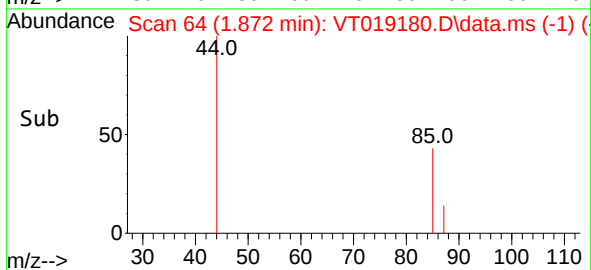
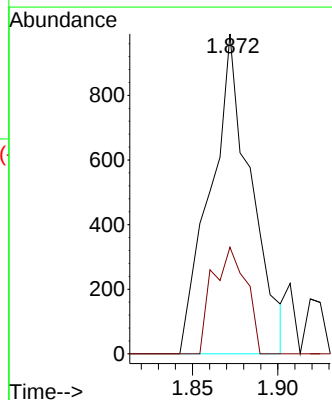
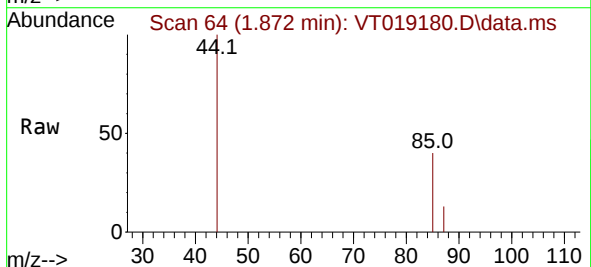
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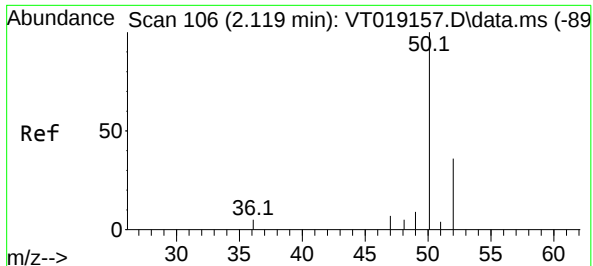
Tgt Ion:128 Resp: 23205
Ion Ratio Lower Upper
128 100
49 212.9 0.0 0.0#
130 131.5 0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 2.555 ug/l
RT: 1.872 min Scan# 64
Delta R.T. -0.006 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 85 Resp: 1627
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.1

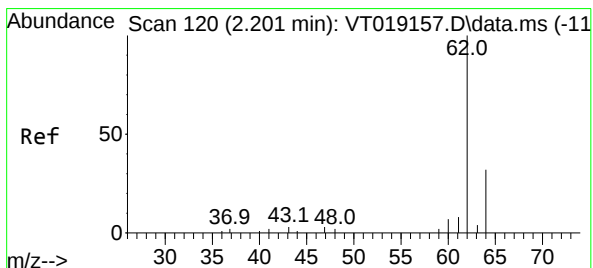
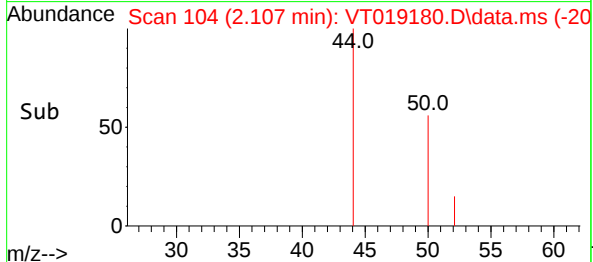
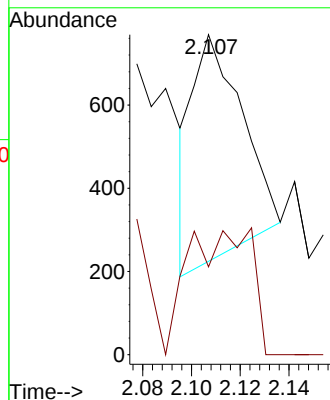
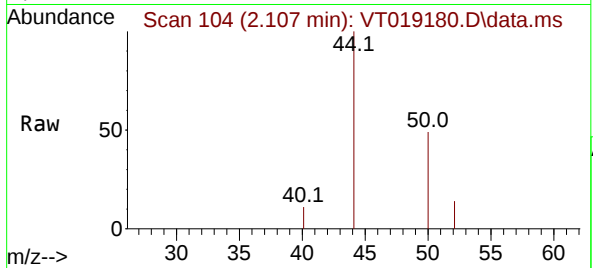




#3
Chloromethane
Concen: 0.529 ug/l
RT: 2.107 min Scan# 104
Delta R.T. -0.006 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

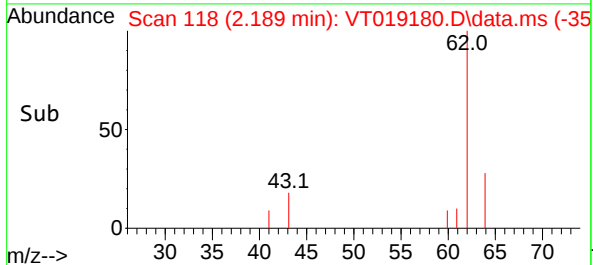
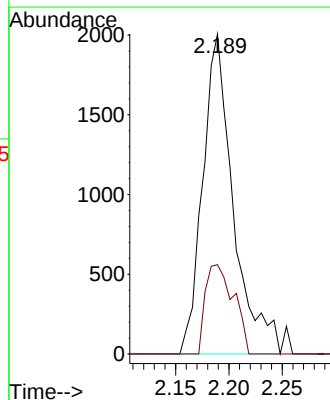
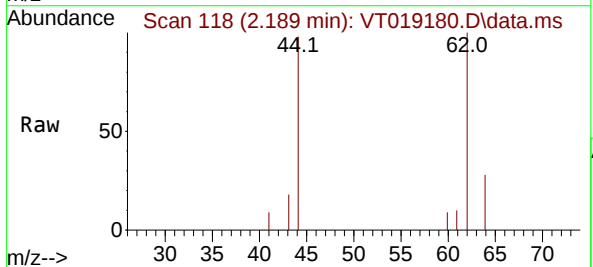
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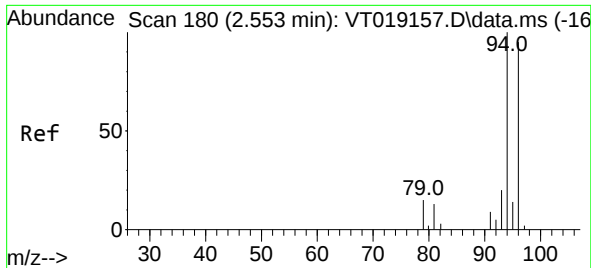
Tgt Ion: 50 Resp: 774
Ion Ratio Lower Upper
50 100
52 46.8 24.4 36.6#



#4
Vinyl Chloride
Concen: 2.449 ug/l
RT: 2.189 min Scan# 118
Delta R.T. -0.012 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 62 Resp: 4001
Ion Ratio Lower Upper
62 100
64 27.9 25.7 38.5

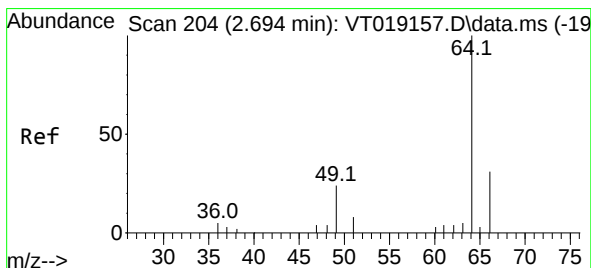
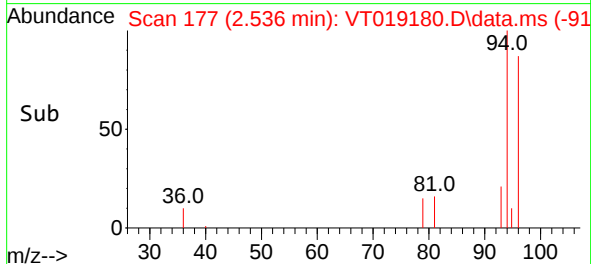
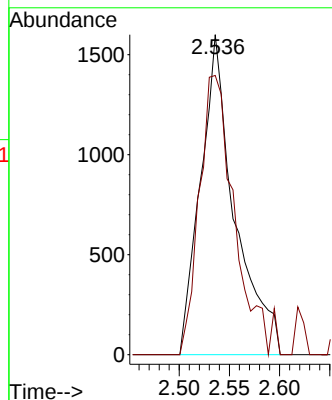
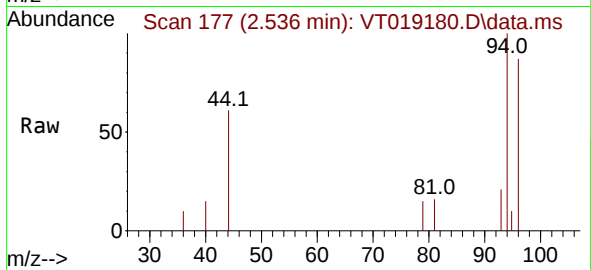




#5
Bromomethane
Concen: 2.779 ug/l
RT: 2.536 min Scan# 11
Delta R.T. 0.006 min
Lab File: VT019180.D
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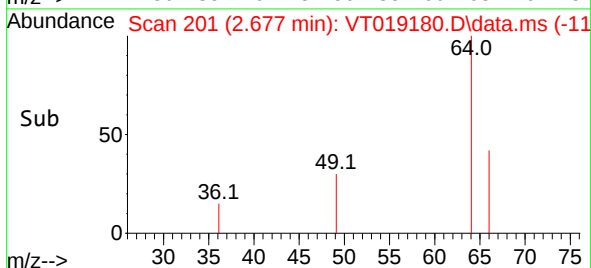
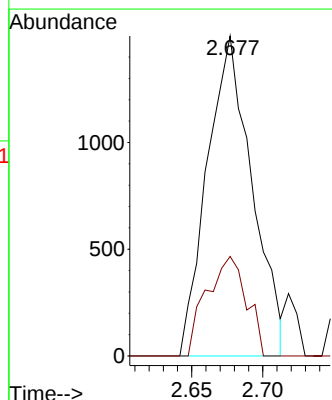
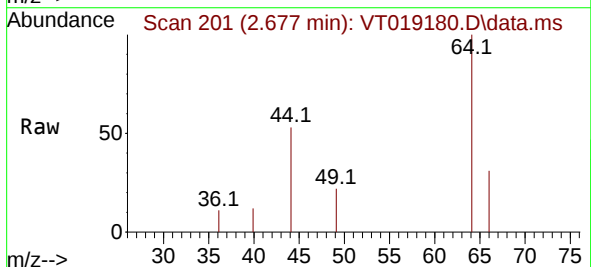
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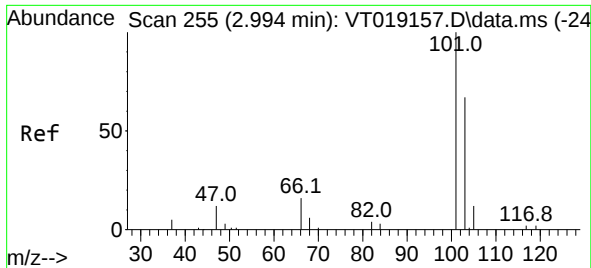
Tgt Ion: 94 Resp: 3770
Ion Ratio Lower Upper
94 100
96 87.3 66.0 99.0



#6
Chloroethane
Concen: 2.282 ug/l
RT: 2.677 min Scan# 201
Delta R.T. -0.000 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 64 Resp: 3288
Ion Ratio Lower Upper
64 100
66 31.1 24.3 36.5

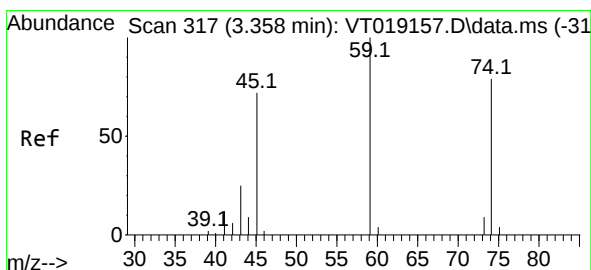
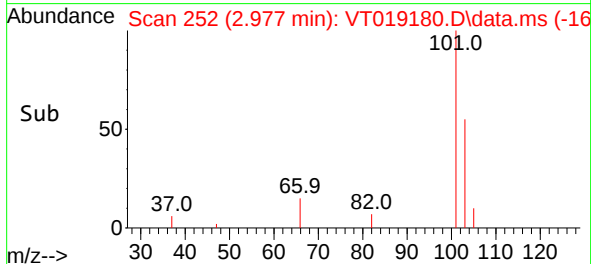
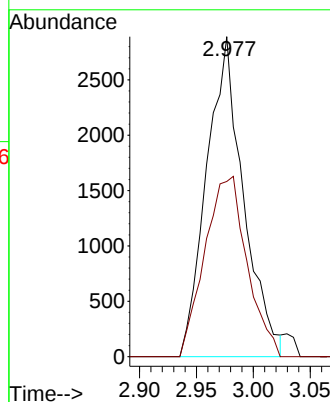
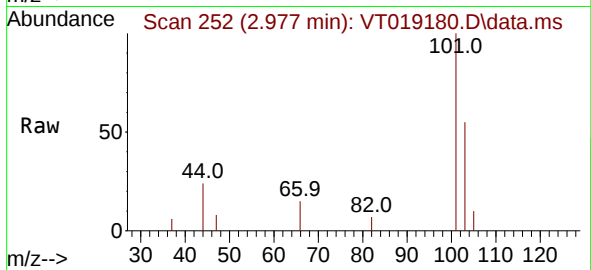




#7
 Trichlorofluoromethane
 Concen: 2.449 ug/l
 RT: 2.977 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VT019180.D
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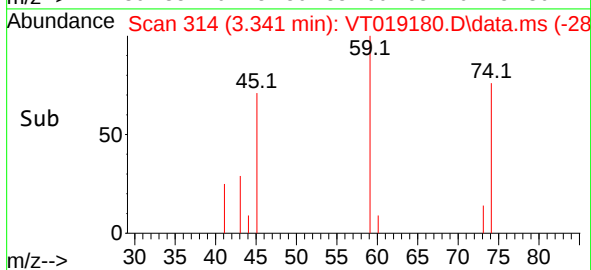
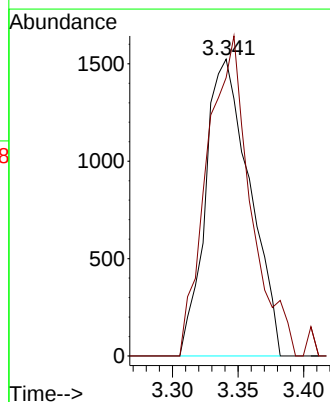
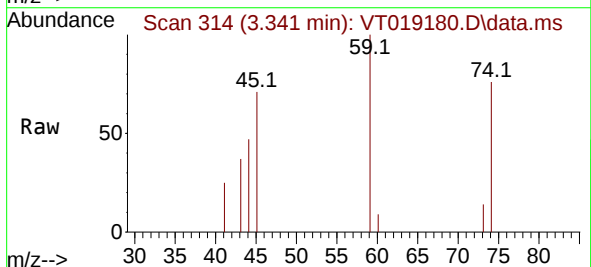
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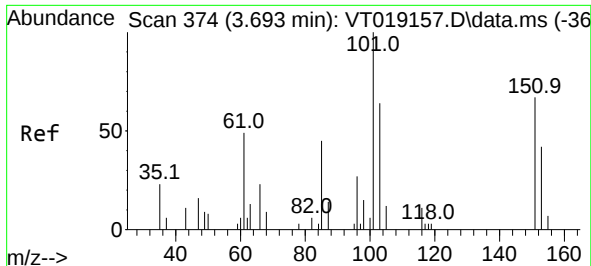
Tgt Ion:101 Resp: 6488
 Ion Ratio Lower Upper
 101 100
 103 54.7 52.4 78.6



#8
 Diethyl Ether
 Concen: 2.196 ug/l
 RT: 3.341 min Scan# 314
 Delta R.T. -0.017 min
 Lab File: VT019180.D
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Tgt Ion: 74 Resp: 3582
 Ion Ratio Lower Upper
 74 100
 45 106.0 22.0 197.6

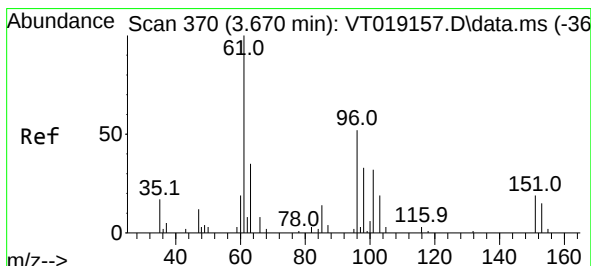
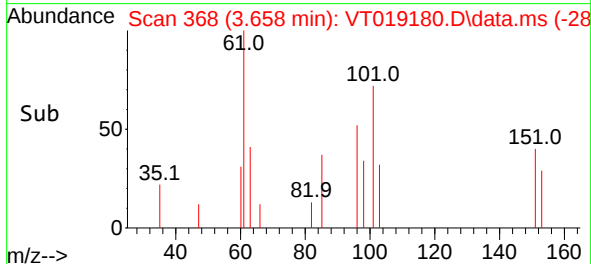
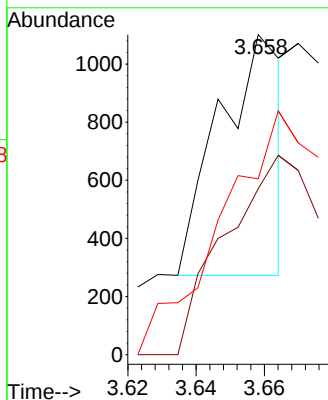
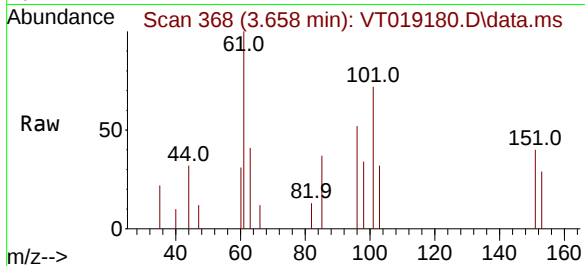




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.020 ug/l
 RT: 3.658 min Scan# 30
 Delta R.T. -0.024 min
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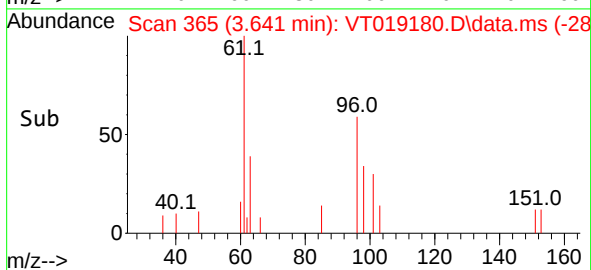
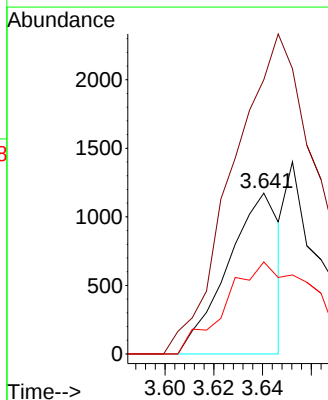
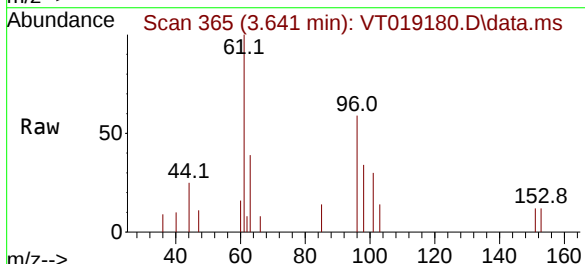
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 ClientSampleId :
 MDL05

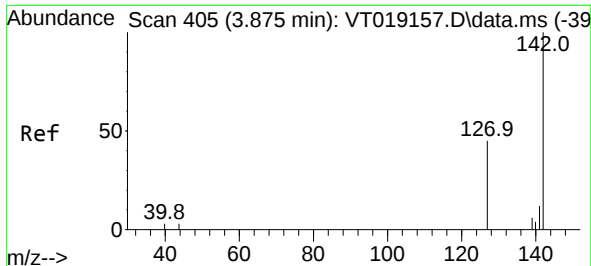
Tgt Ion:101 Resp: 1061
 Ion Ratio Lower Upper
 101 100
 85 150.0 0.0 91.8#
 151 194.7 0.0 137.2#



#10
 1,1-Dichloroethene
 Concen: 1.673 ug/l
 RT: 3.641 min Scan# 365
 Delta R.T. -0.029 min
 Lab File: VT019180.D
 Acq: 24 Oct 2025 15:29

Tgt Ion: 96 Resp: 1743
 Ion Ratio Lower Upper
 96 100
 61 156.4 145.5 218.3
 98 57.2 49.5 74.3

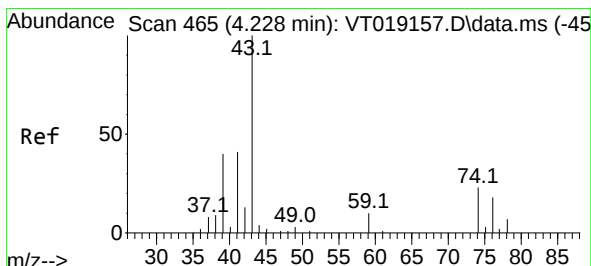
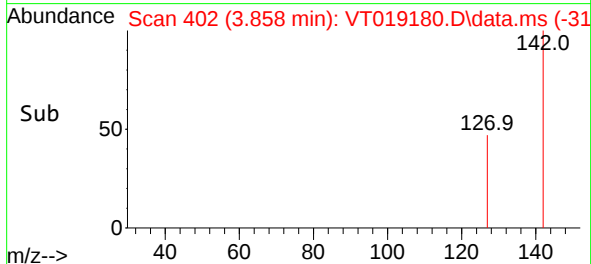
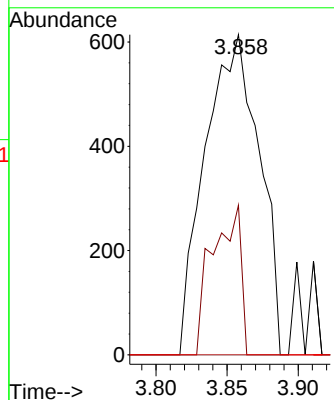
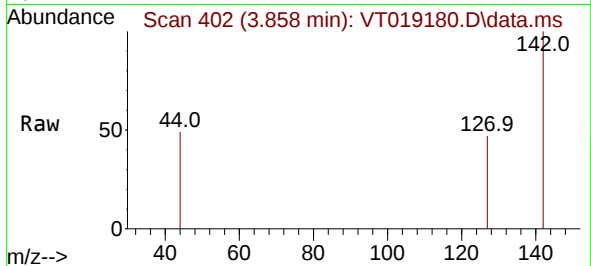




#11
Methyl Iodide
Concen: 1.601 ug/l
RT: 3.858 min Scan# 405
Delta R.T. -0.012 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

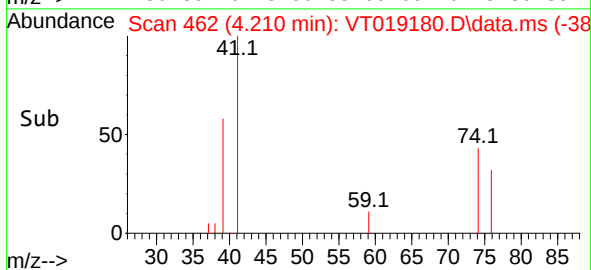
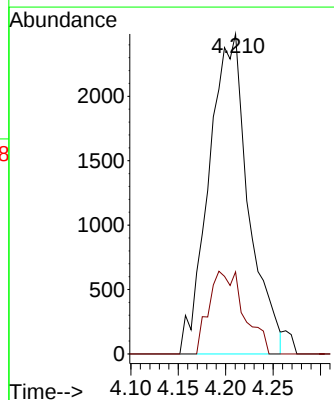
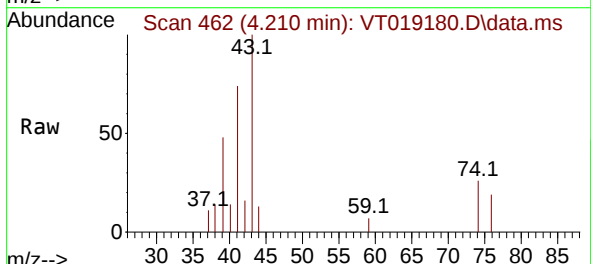
Instrument :
MSVOA_T
ClientSampleId :
MDL05

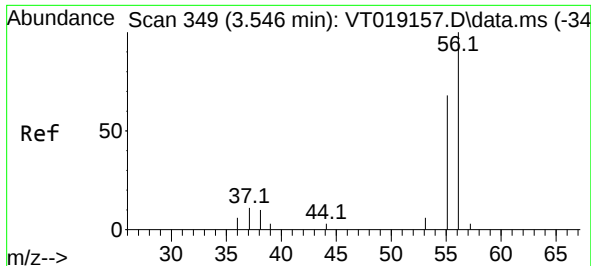
Tgt Ion:142 Resp: 1626
Ion Ratio Lower Upper
142 100
127 46.7 0.9 2.8#
141 0.0 55.5 166.5#



#12
Methyl Acetate
Concen: 1.745 ug/l
RT: 4.210 min Scan# 462
Delta R.T. -0.018 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 43 Resp: 7192
Ion Ratio Lower Upper
43 100
74 26.5 18.4 27.6





#13

Acrolein

Concen: 7.095 ug/l

RT: 3.523 min Scan# 34

Delta R.T. -0.023 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

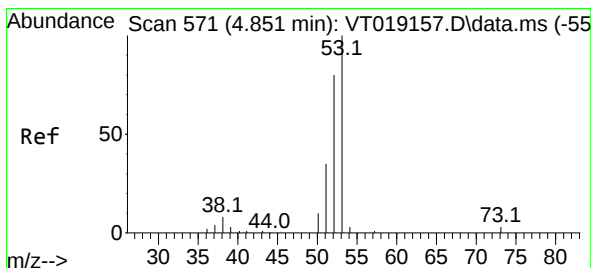
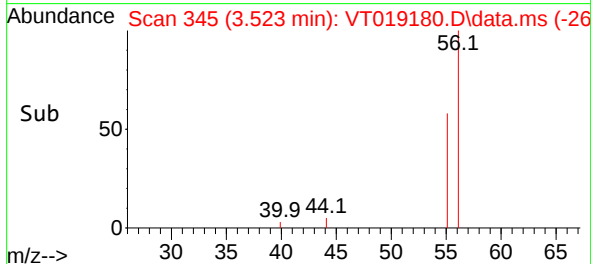
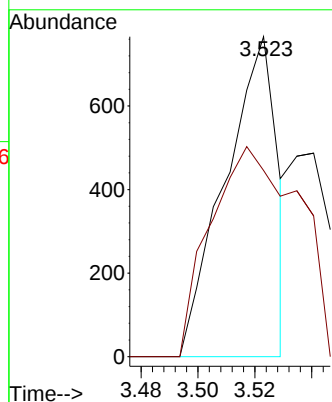
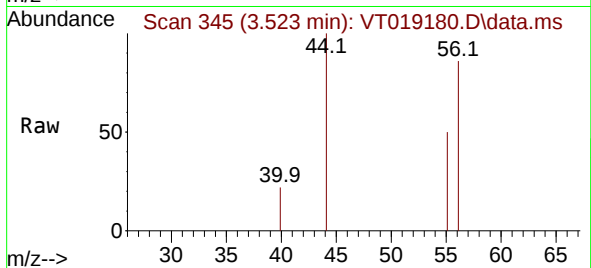
MDL05

Tgt Ion: 56 Resp: 986

Ion Ratio Lower Upper

56 100

55 83.8 56.8 85.2



#14

Acrylonitrile

Concen: 12.193 ug/l

RT: 4.816 min Scan# 565

Delta R.T. -0.035 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

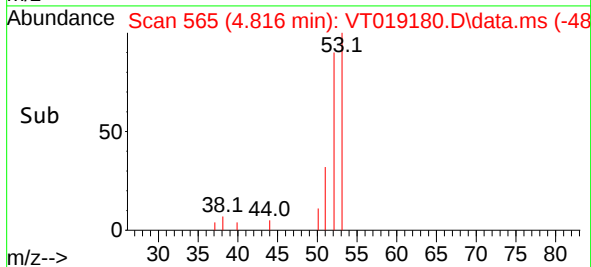
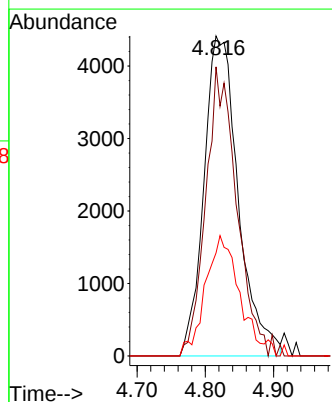
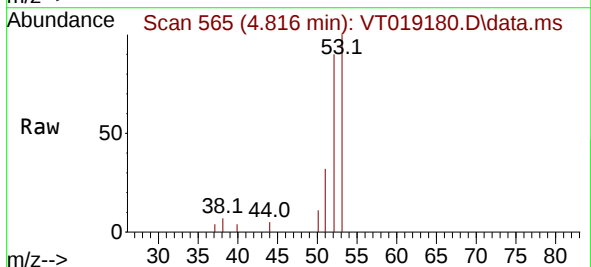
Tgt Ion: 53 Resp: 15487

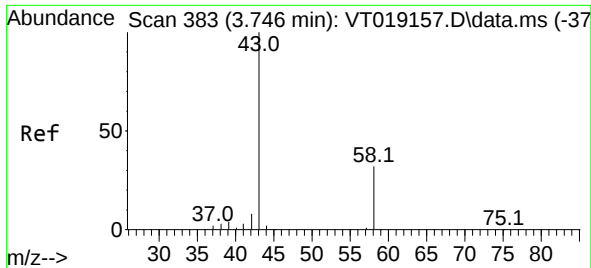
Ion Ratio Lower Upper

53 100

52 40.5 41.3 123.7#

51 31.8 17.2 51.5

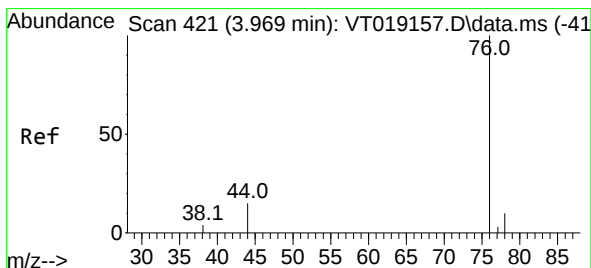
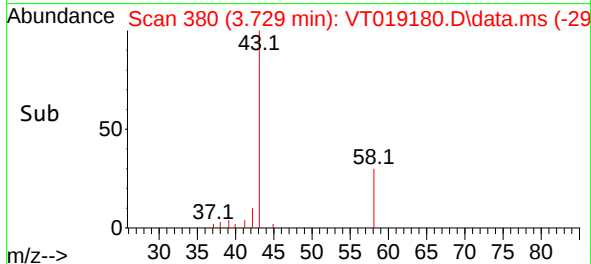
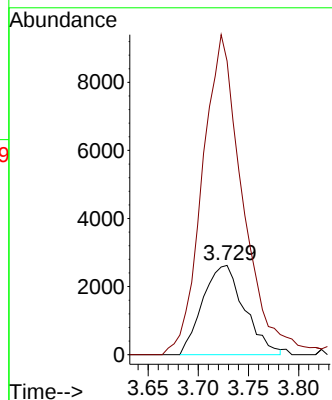
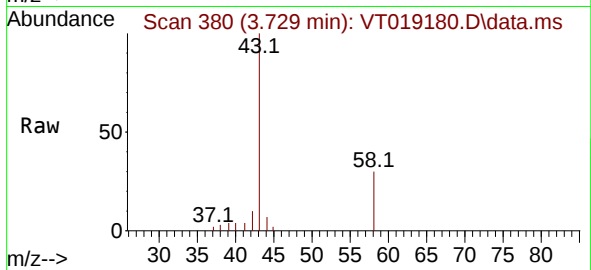




#15
Acetone
Concen: 16.813 ug/l
RT: 3.729 min Scan# 380
Delta R.T. -0.011 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

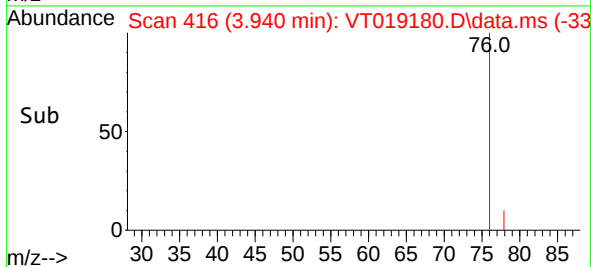
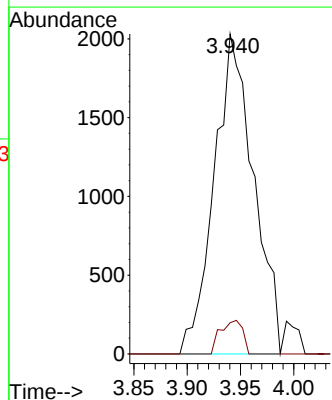
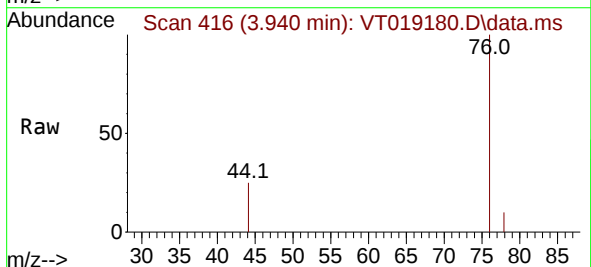
Instrument :
MSVOA_T
ClientSampleId :
MDL05

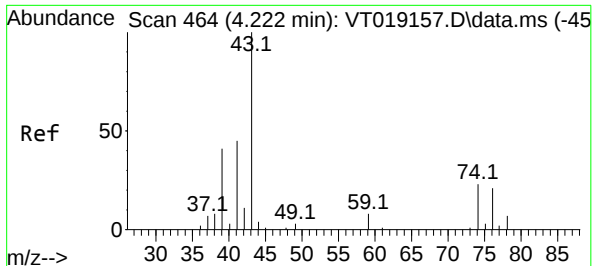
Tgt Ion: 58 Resp: 7608
Ion Ratio Lower Upper
58 100
43 306.5 266.9 400.3



#16
Carbon Disulfide
Concen: 2.679 ug/l
RT: 3.940 min Scan# 416
Delta R.T. -0.024 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 76 Resp: 5214
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

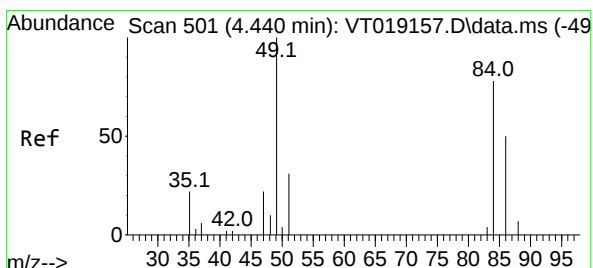
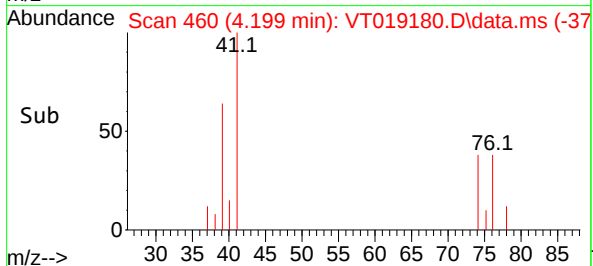
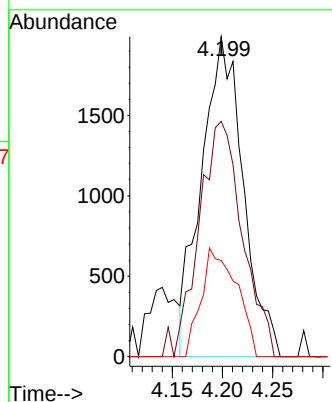
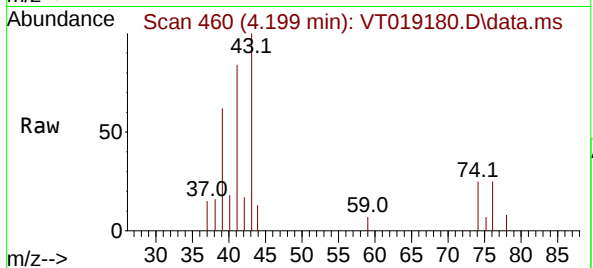




#17
 Allyl chloride
 Concen: 2.323 ug/l
 RT: 4.199 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VT019180.D
 Acq: 24 Oct 2025 15:29

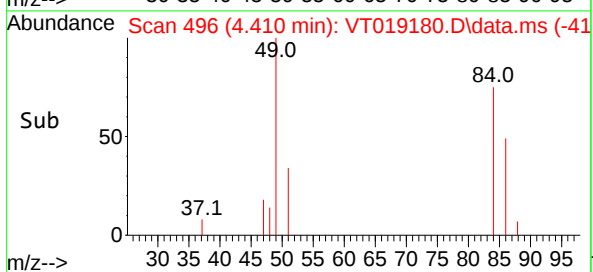
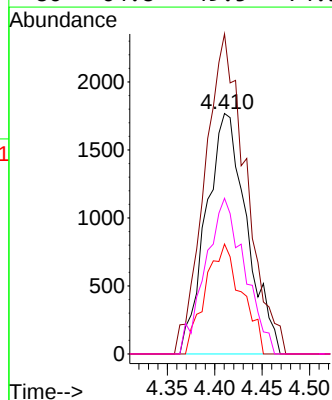
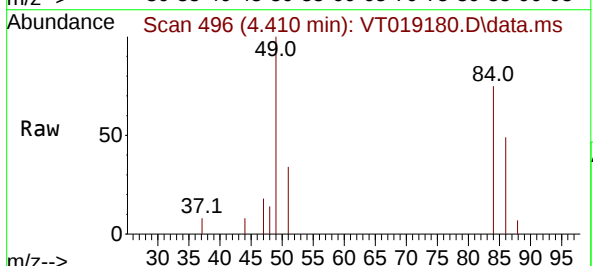
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL05

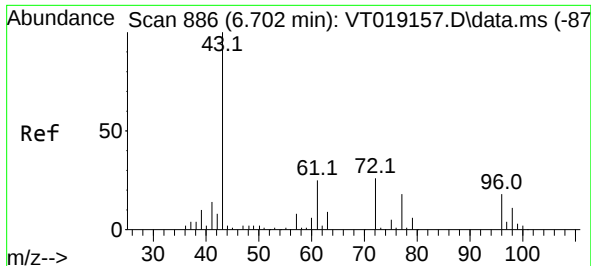
Tgt Ion:	41	Resp:	5753
Ion	Ratio	Lower	Upper
41	100		
39	73.6	34.3	102.8
76	30.1	16.7	50.0



#18
 Methylene Chloride
 Concen: 3.386 ug/l
 RT: 4.410 min Scan# 496
 Delta R.T. -0.018 min
 Lab File: VT019180.D
 Acq: 24 Oct 2025 15:29

Tgt Ion:	84	Resp:	5262
Ion	Ratio	Lower	Upper
84	100		
49	121.5	107.9	161.9
51	45.7	33.4	50.2
86	64.8	49.5	74.3





#19

trans-1,2-Dichloroethene

Concen: 1.465 ug/l

RT: 6.661 min Scan# 81

Delta R.T. -0.029 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

MDL05

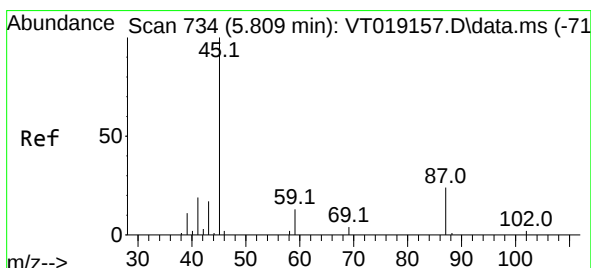
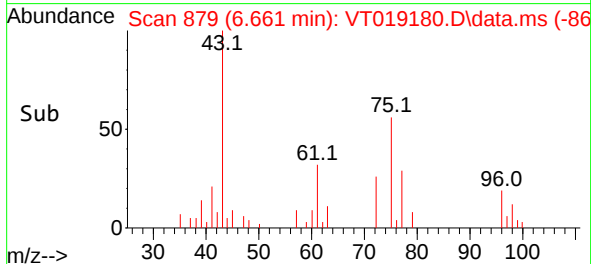
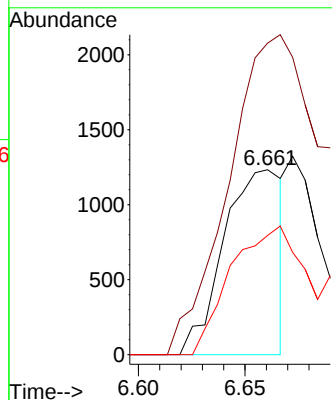
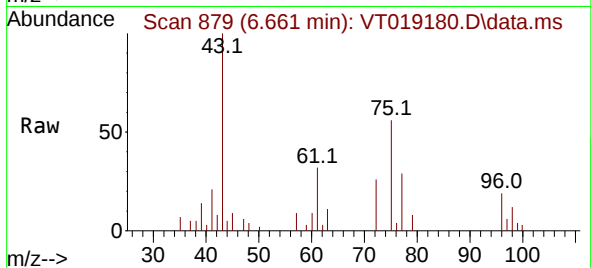
Tgt Ion: 96 Resp: 2348

Ion Ratio Lower Upper

96 100

61 149.1 122.3 183.5

98 64.5 50.2 75.2



#20

Diisopropyl ether

Concen: 1.240 ug/l

RT: 5.773 min Scan# 728

Delta R.T. -0.030 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Tgt Ion: 45 Resp: 7818

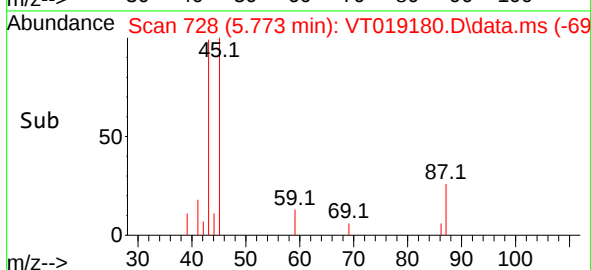
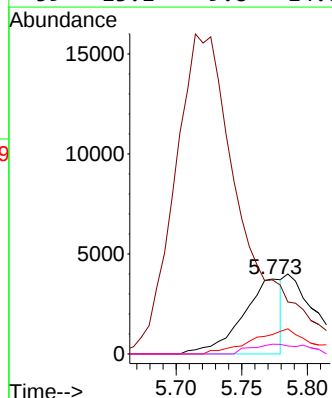
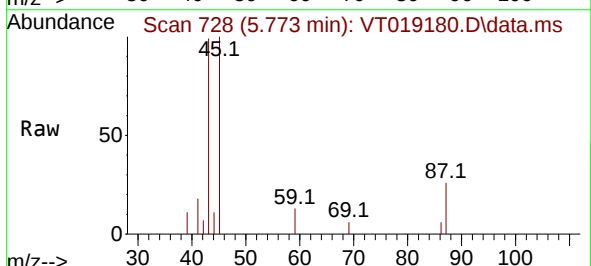
Ion Ratio Lower Upper

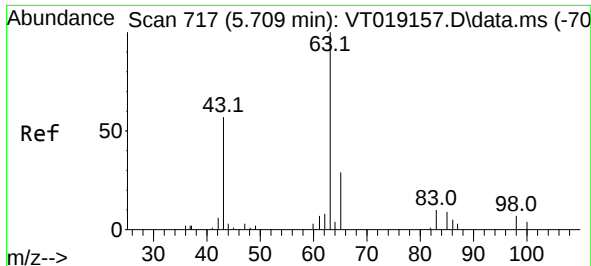
45 100

43 7.0 89.1 133.7#

87 25.8 21.3 31.9

59 13.1 9.8 14.8

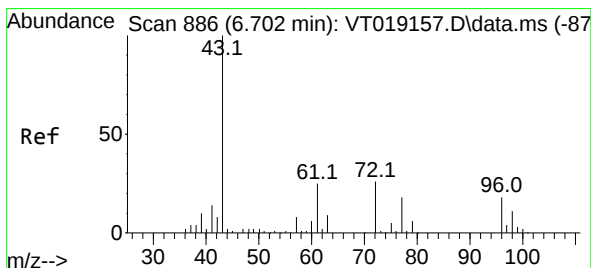
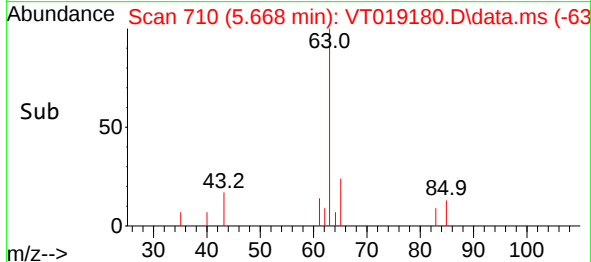
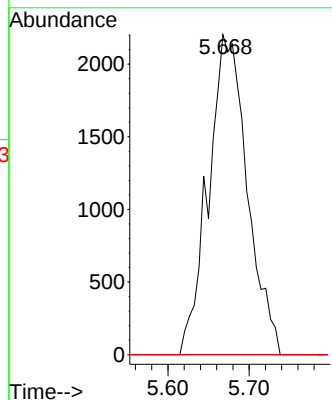
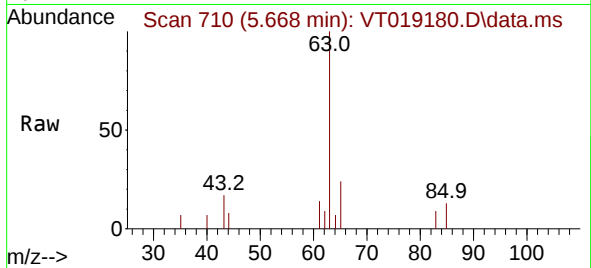




#21
1,1-Dichloroethane
Concen: 2.482 ug/l
RT: 5.668 min Scan# 717
Delta R.T. -0.041 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

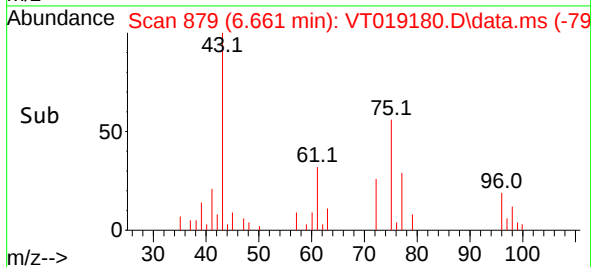
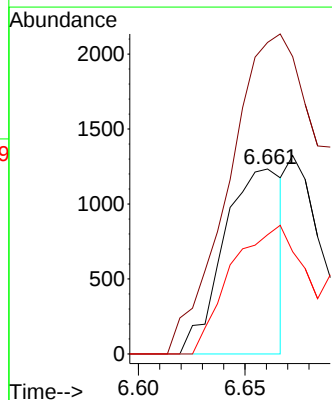
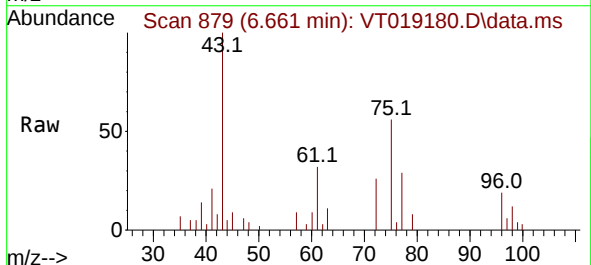
Instrument :
MSVOA_T
ClientSampleId :
MDL05

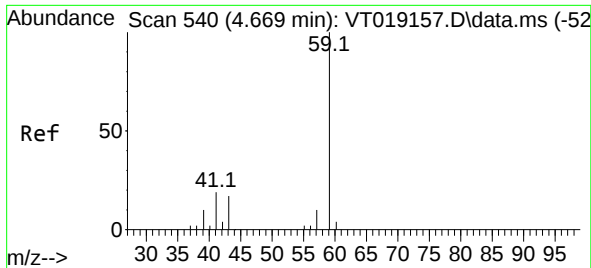
Tgt Ion: 63 Resp: 7314
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.5#
100 0.0 2.2 6.6#



#22
cis-1,2-Dichloroethene
Concen: 1.465 ug/l
RT: 6.661 min Scan# 879
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 96 Resp: 2348
Ion Ratio Lower Upper
96 100
61 279.1 120.0 180.0#
98 87.1 52.8 79.2#

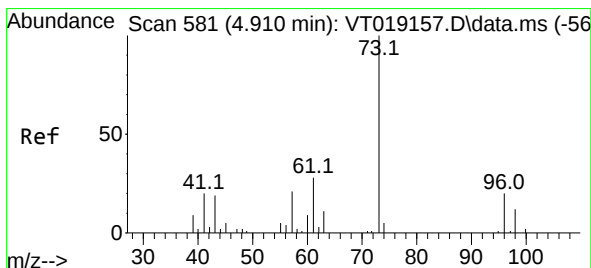
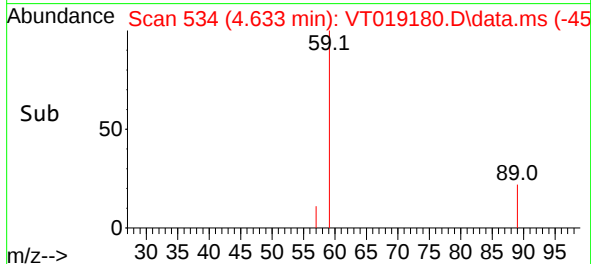
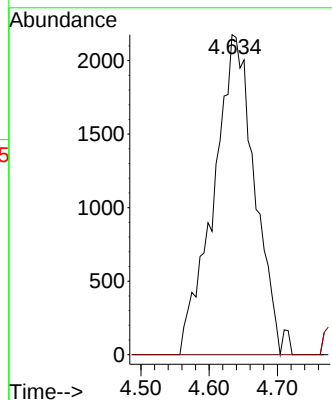
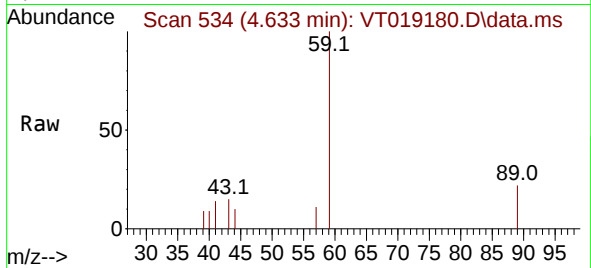




#23
tert-Butyl Alcohol
Concen: 16.258 ug/l
RT: 4.633 min Scan# 51
Delta R.T. -0.042 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

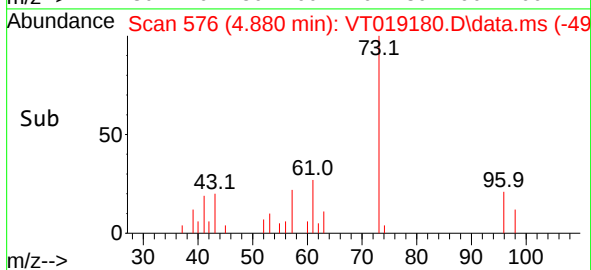
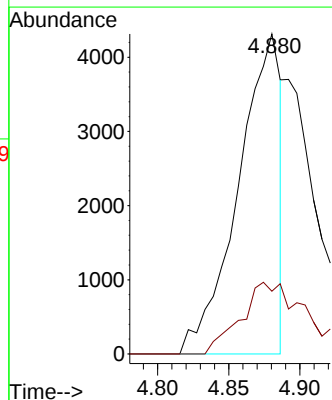
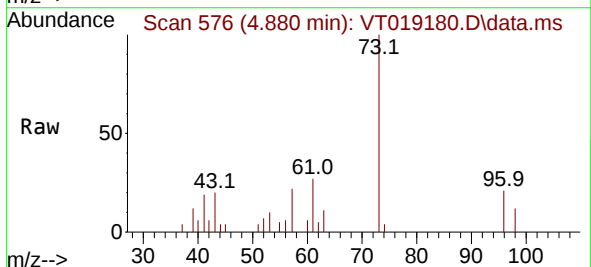
Instrument :
MSVOA_T
ClientSampleId :
MDL05

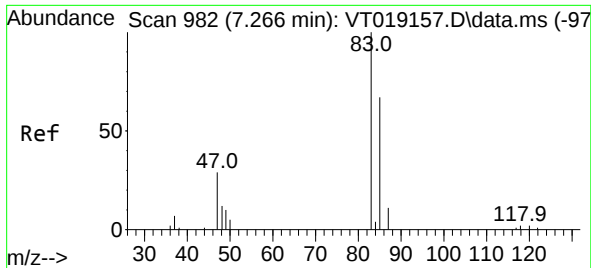
Tgt Ion: 59 Resp: 9047
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#



#24
Methyl tert-Butyl Ether
Concen: 1.437 ug/l
RT: 4.880 min Scan# 576
Delta R.T. -0.041 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 73 Resp: 8995
Ion Ratio Lower Upper
73 100
43 17.3 16.9 25.3

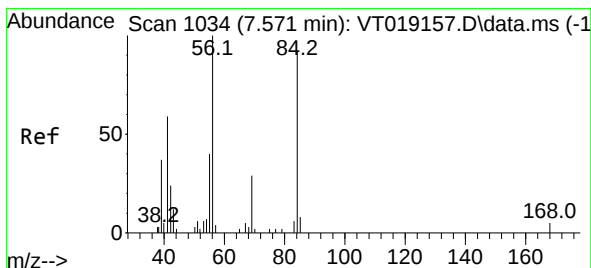
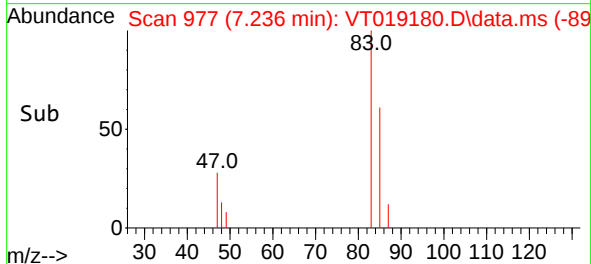
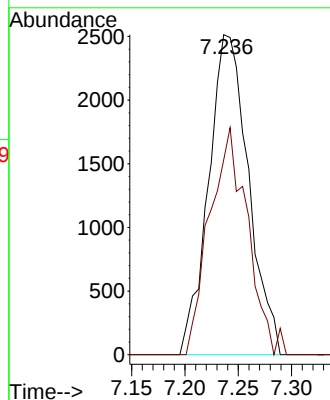
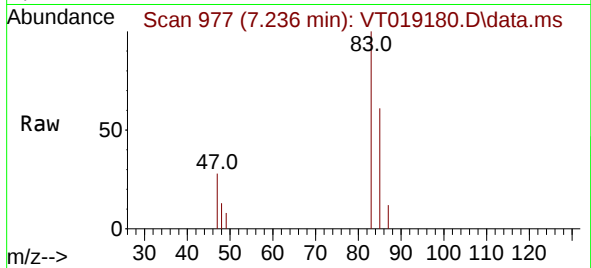




#25
Chloroform
Concen: 2.428 ug/l
RT: 7.236 min Scan# 91
Delta R.T. -0.030 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

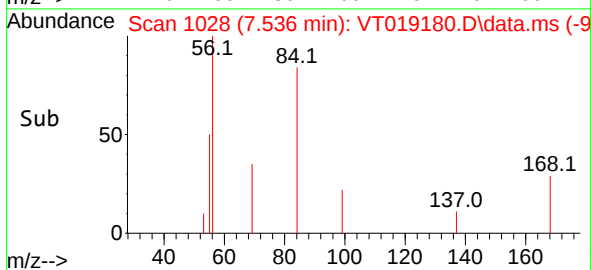
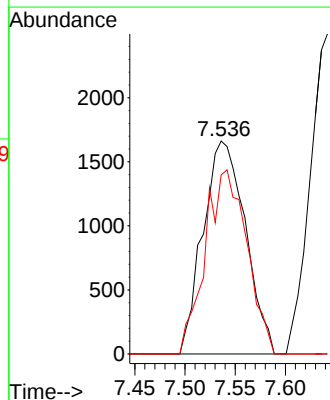
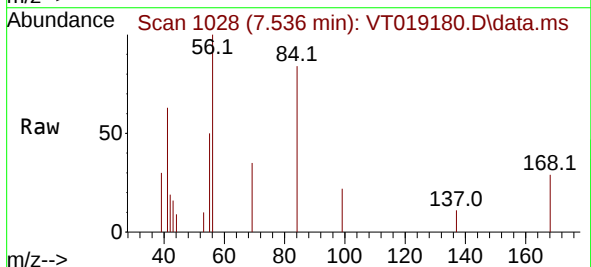
Instrument :
MSVOA_T
ClientSampleId :
MDL05

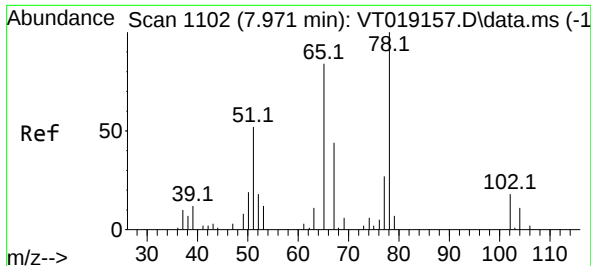
Tgt Ion: 83 Resp: 6544
Ion Ratio Lower Upper
83 100
85 60.9 48.0 72.0



#26
Cyclohexane
Concen: 2.821 ug/l
RT: 7.536 min Scan# 1028
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 56 Resp: 4877
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 56.4 67.9 101.9#





#27

1,2-Dichloroethane-d4

Concen: 31.445 ug/l

RT: 7.947 min Scan# 1098

Delta R.T. -0.024 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

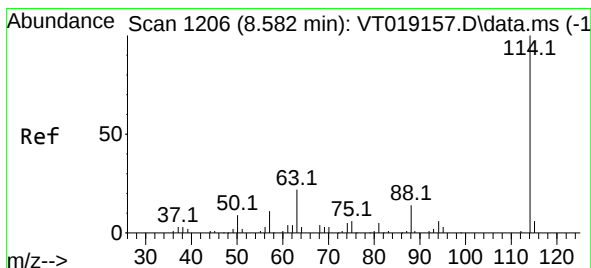
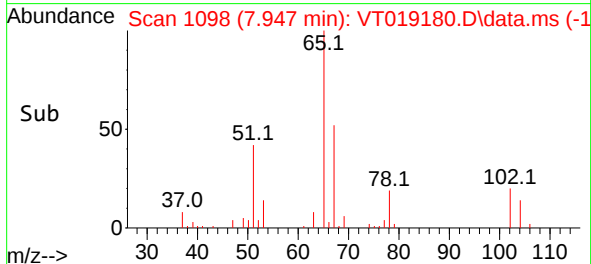
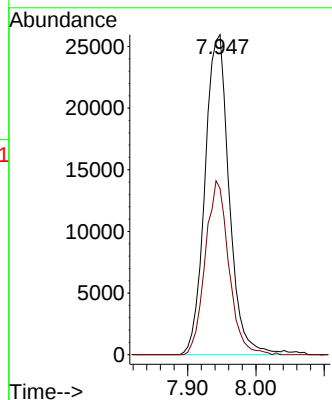
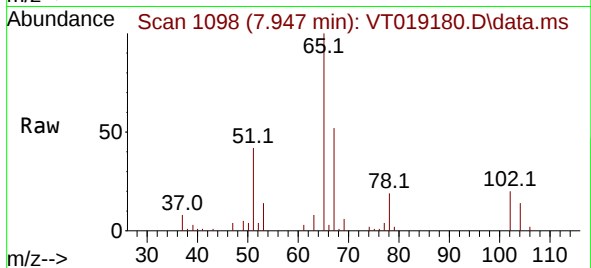
MDL05

Tgt Ion: 65 Resp: 63927

Ion Ratio Lower Upper

65 100

67 52.8 40.7 61.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.553 min Scan# 1201

Delta R.T. -0.024 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

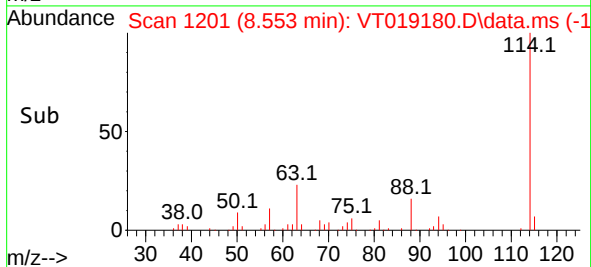
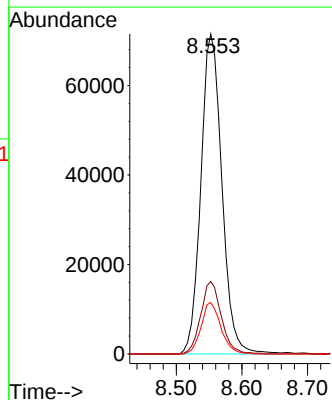
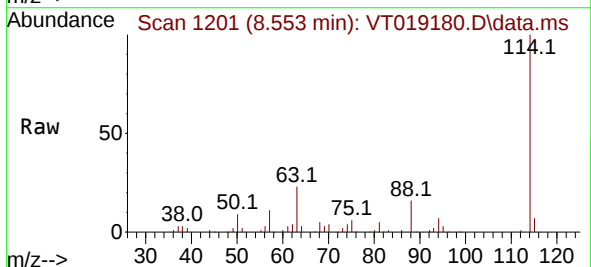
Tgt Ion: 114 Resp: 159543

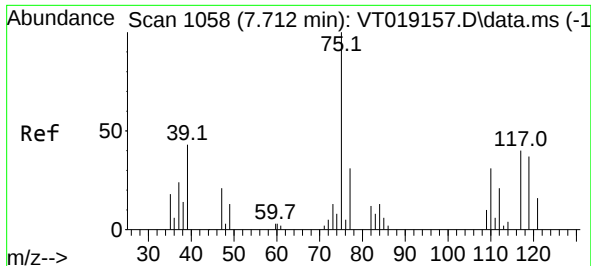
Ion Ratio Lower Upper

114 100

63 22.1 17.4 26.0

88 15.0 13.0 19.6





#29

1,1-Dichloropropene

Concen: 2.372 ug/l

RT: 7.689 min Scan# 1054

Delta R.T. -0.023 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

MDL05

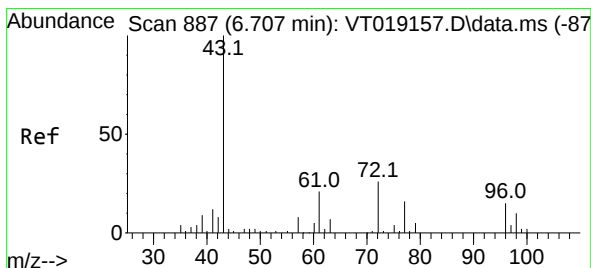
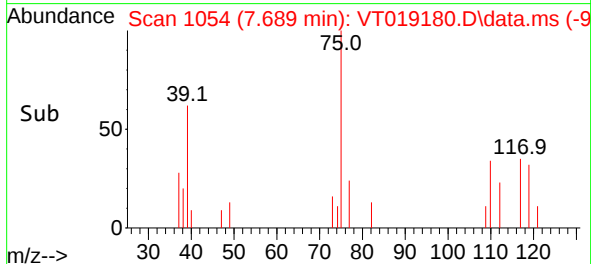
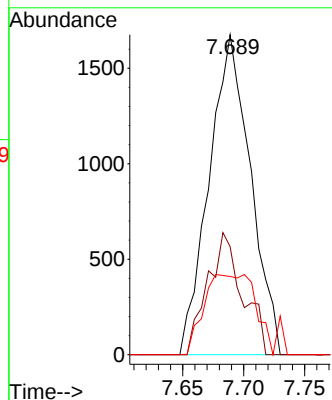
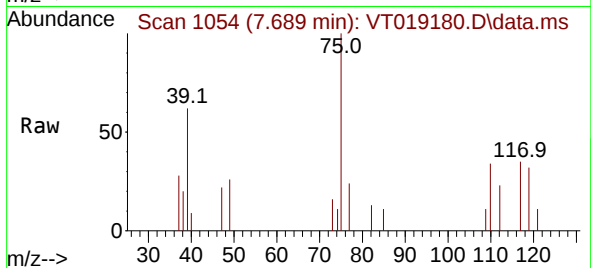
Tgt Ion: 75 Resp: 3960

Ion Ratio Lower Upper

75 100

110 27.4 0.0 70.8

77 20.8 0.0 61.6



#30

2-Butanone

Concen: 13.064 ug/l

RT: 6.678 min Scan# 882

Delta R.T. -0.024 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

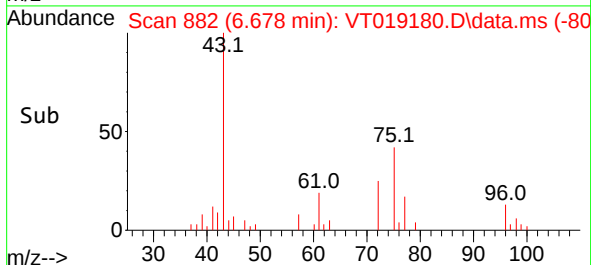
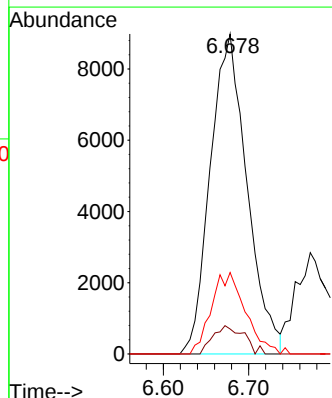
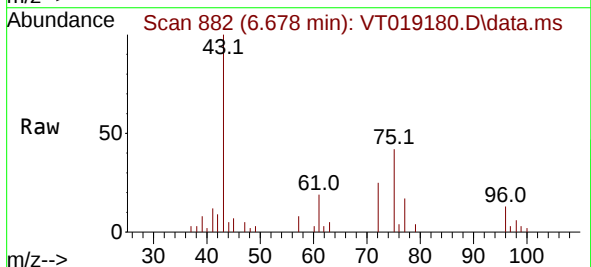
Tgt Ion: 43 Resp: 26882

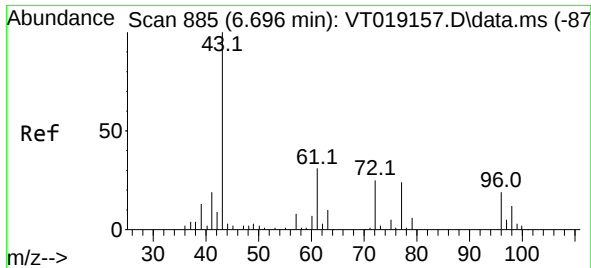
Ion Ratio Lower Upper

43 100

57 5.9 5.9 8.9

72 23.6 20.2 30.2

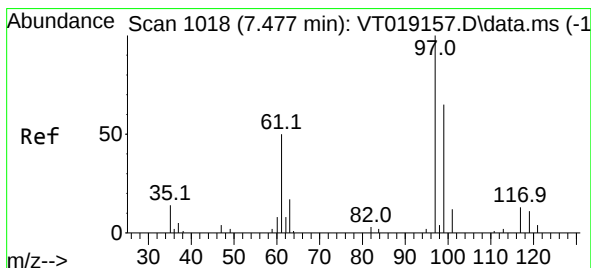
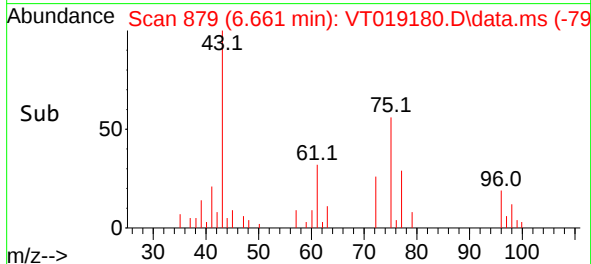
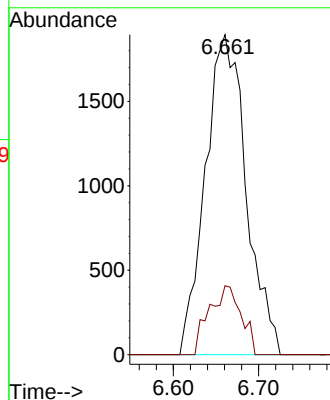
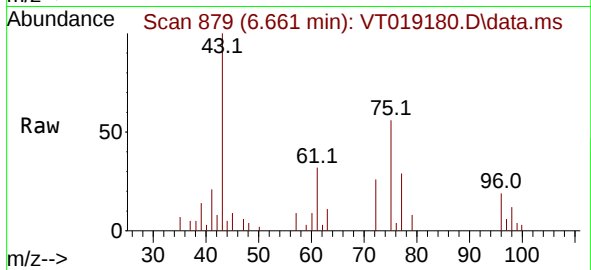




#31
2,2-Dichloropropane
Concen: 2.579 ug/l
RT: 6.661 min Scan# 81
Delta R.T. -0.023 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

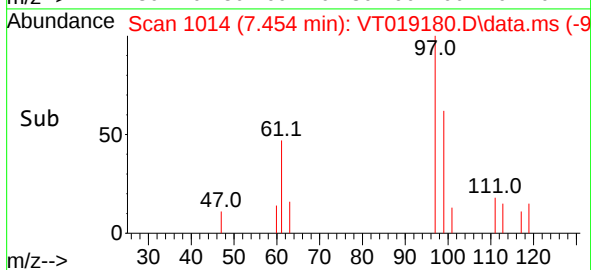
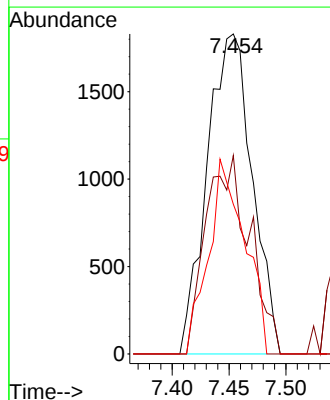
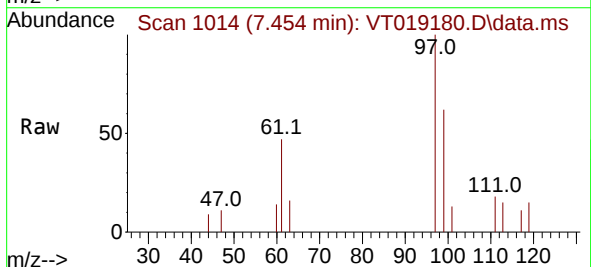
Instrument :
MSVOA_T
ClientSampleId :
MDL05

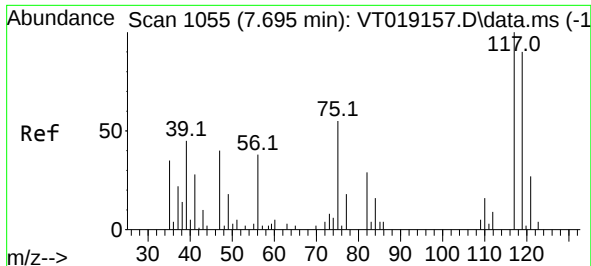
Tgt Ion: 77 Resp: 6305
Ion Ratio Lower Upper
77 100
97 11.3 14.5 21.7#



#32
1,1,1-Trichloroethane
Concen: 2.400 ug/l
RT: 7.454 min Scan# 1014
Delta R.T. -0.023 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 97 Resp: 5048
Ion Ratio Lower Upper
97 100
99 13.9 30.0 45.0#
61 0.0 36.1 54.1#

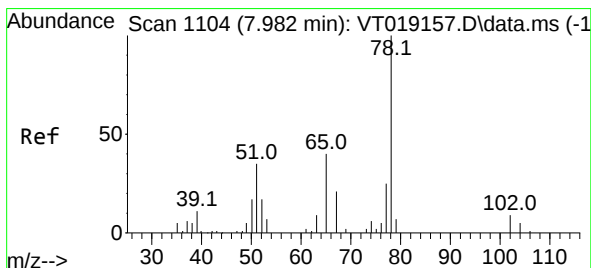
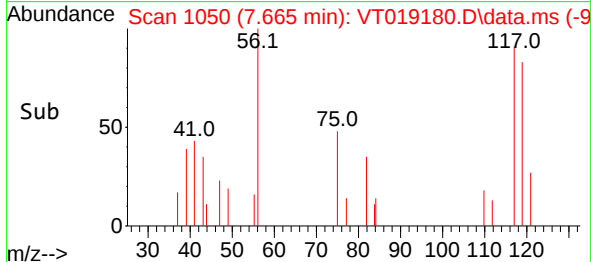
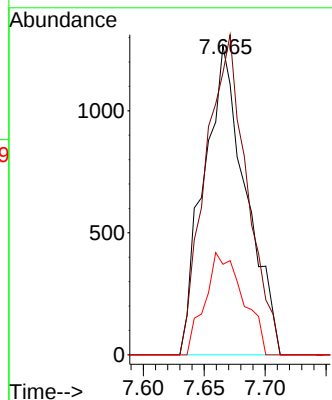
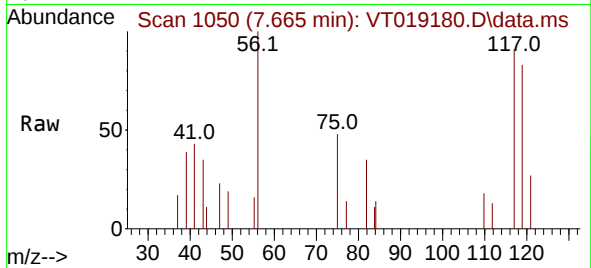




#33
Carbon Tetrachloride
Concen: 2.251 ug/l
RT: 7.665 min Scan# 1100
Delta R.T. -0.030 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

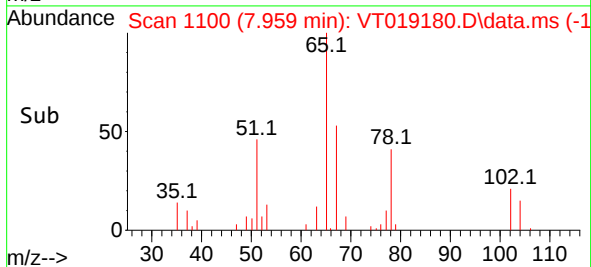
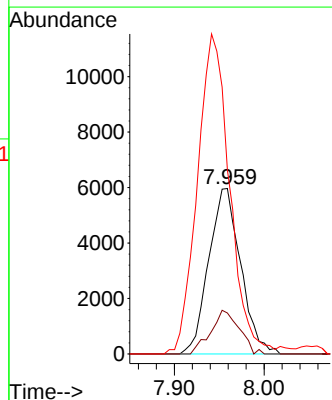
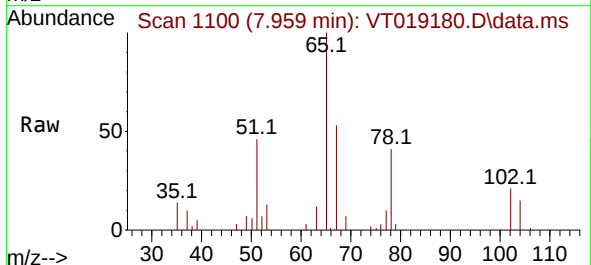
Instrument :
MSVOA_T
ClientSampleId :
MDL05

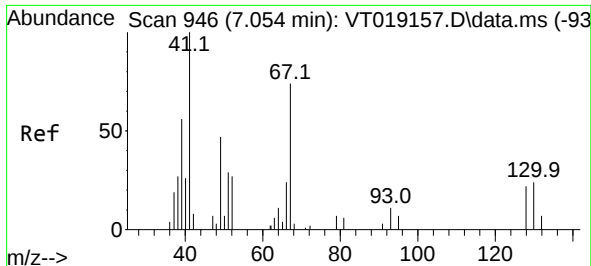
Tgt Ion:117 Resp: 3034
Ion Ratio Lower Upper
117 100
119 91.2 76.5 114.7
121 29.3 0.5 0.7#



#34
Benzene
Concen: 2.380 ug/l
RT: 7.959 min Scan# 1100
Delta R.T. -0.023 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 78 Resp: 14721
Ion Ratio Lower Upper
78 100
77 24.7 17.6 26.4
51 106.6 13.8 20.6#



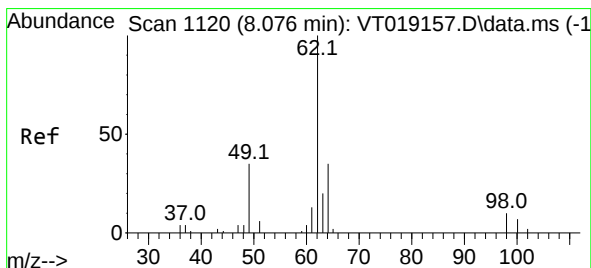
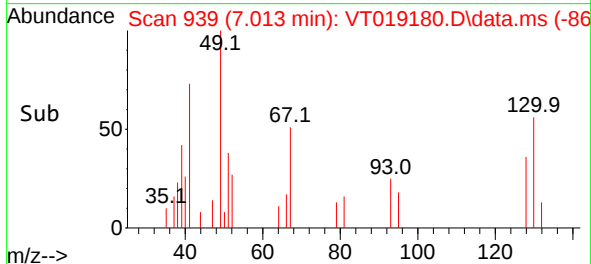
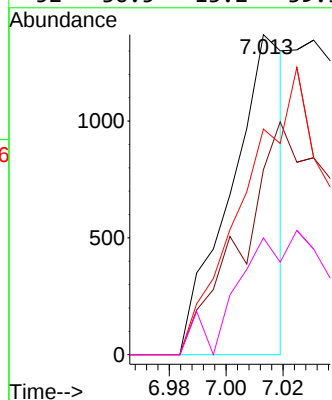
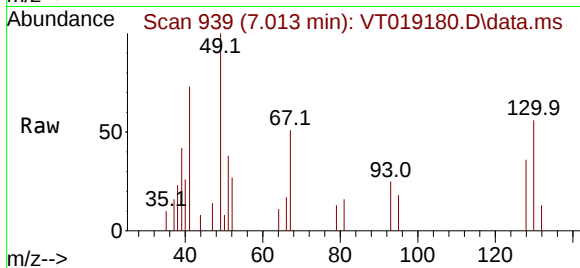


#35
Methacrylonitrile
Concen: 1.032 ug/l
RT: 7.013 min Scan# 911
Delta R.T. -0.035 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion: 41 Resp: 1807

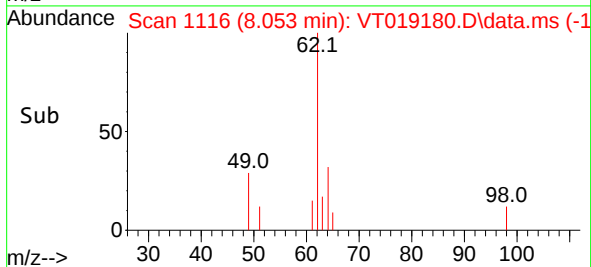
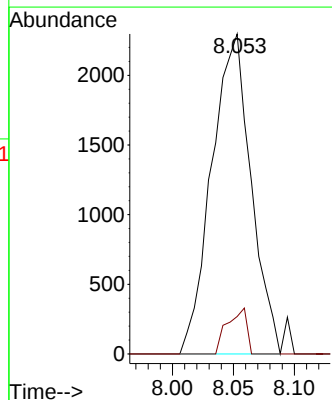
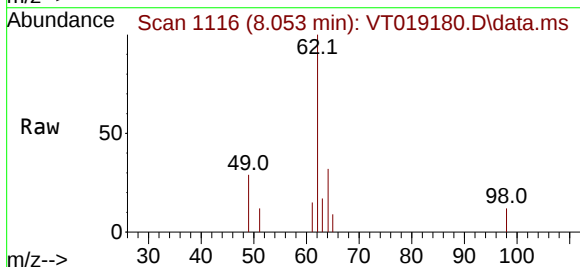
Ion	Ratio	Lower	Upper
41	100		
39	57.8	26.2	78.5
67	70.5	31.4	94.3
52	36.5	13.2	39.5

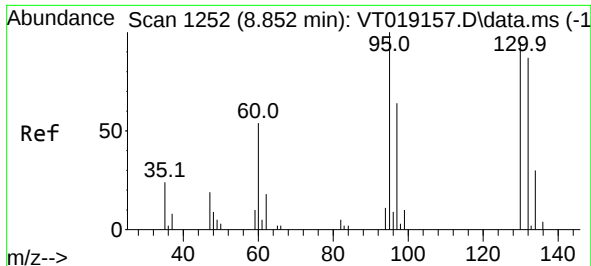


#36
1,2-Dichloroethane
Concen: 2.253 ug/l
RT: 8.053 min Scan# 1116
Delta R.T. -0.018 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 62 Resp: 5166

Ion	Ratio	Lower	Upper
62	100		
98	7.0	6.7	10.1





#37

Trichloroethene

Concen: 2.270 ug/l

RT: 8.829 min Scan# 11

Delta R.T. -0.023 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

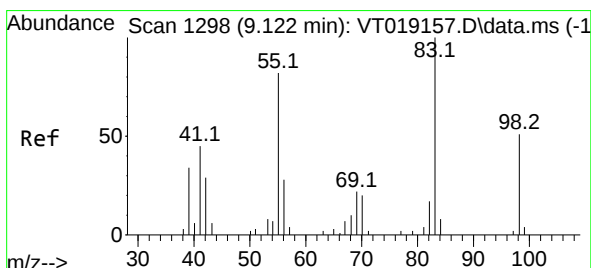
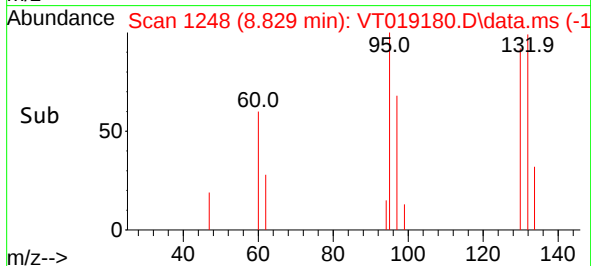
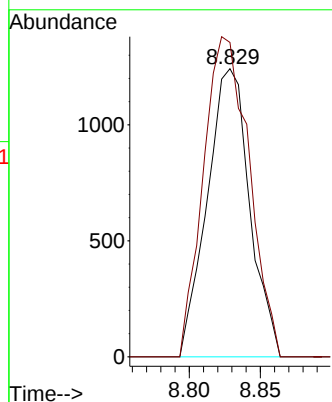
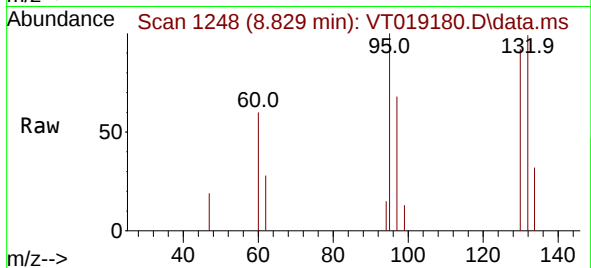
MDL05

Tgt Ion:130 Resp: 2583

Ion Ratio Lower Upper

130 100

95 109.1 79.4 119.2



#38

Methylcyclohexane

Concen: 2.609 ug/l

RT: 9.093 min Scan# 1293

Delta R.T. -0.029 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

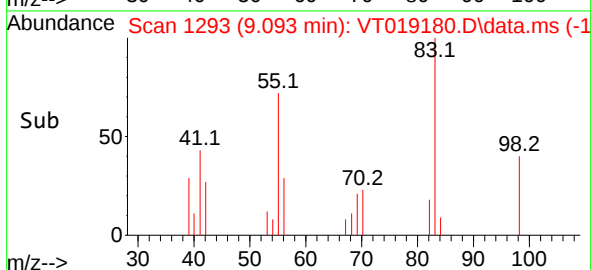
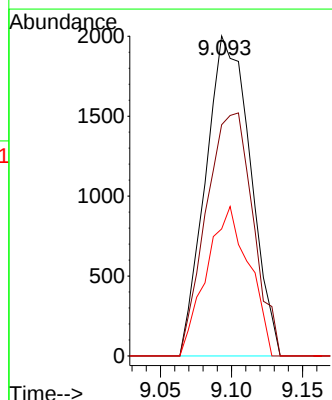
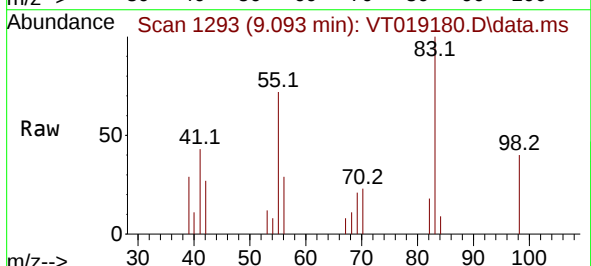
Tgt Ion: 83 Resp: 4387

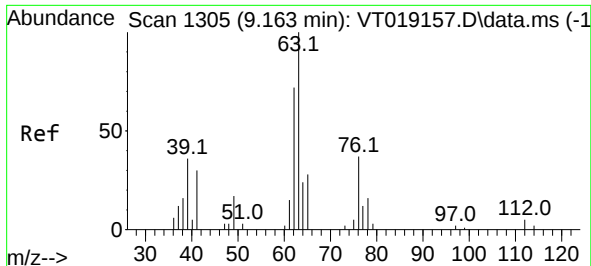
Ion Ratio Lower Upper

83 100

55 79.4 40.3 120.8

98 44.5 24.3 72.9





#39

1,2-Dichloropropane

Concen: 2.330 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.023 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

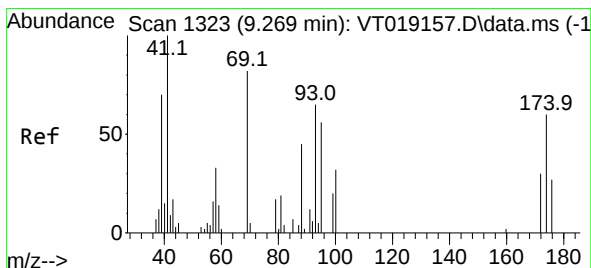
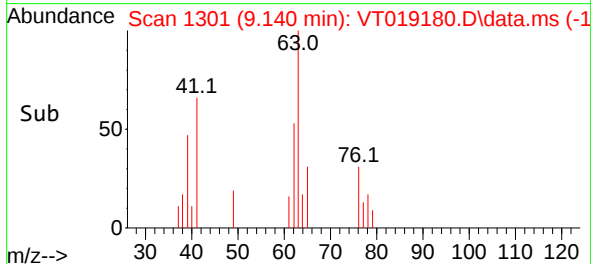
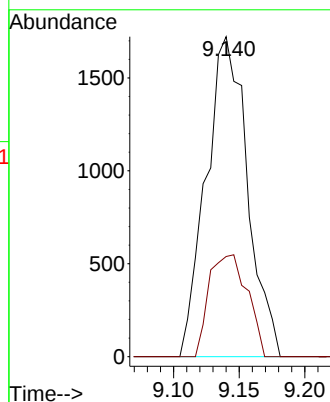
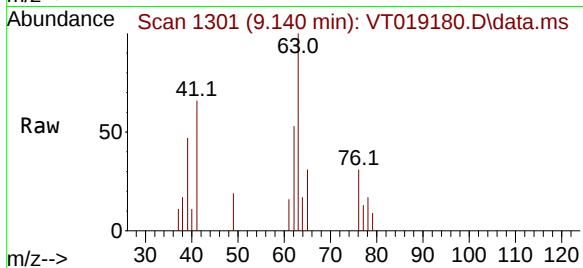
MDL05

Tgt Ion: 63 Resp: 3775

Ion Ratio Lower Upper

63 100

65 31.3 19.8 29.6#



#40

Dibromomethane

Concen: 0.056 ug/l

RT: 9.275 min Scan# 1324

Delta R.T. 0.006 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

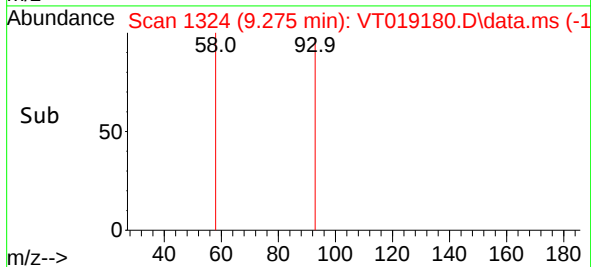
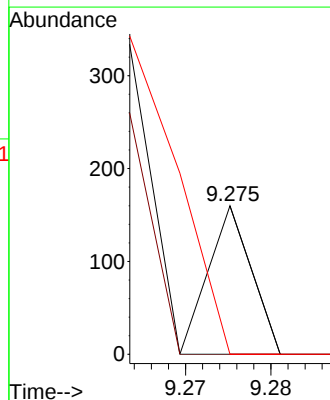
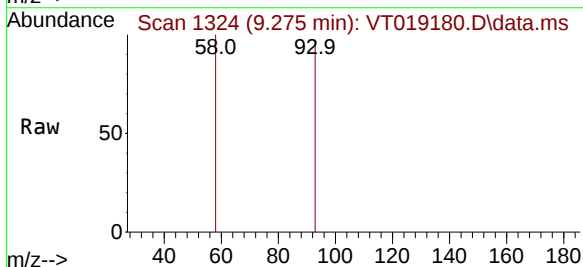
Tgt Ion: 93 Resp: 56

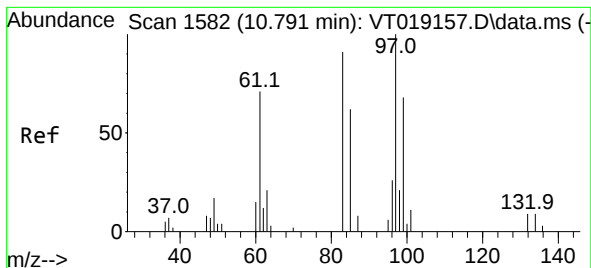
Ion Ratio Lower Upper

93 100

95 0.0 0.0 166.2

174 0.0 0.0 26.4





#41

Bromodichloromethane

Concen: 0.044 ug/l

RT: 10.803 min Scan# 11

Delta R.T. 0.012 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

MDL05

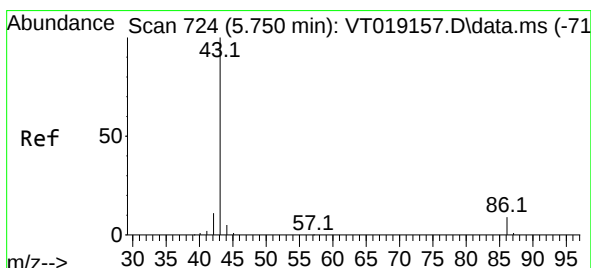
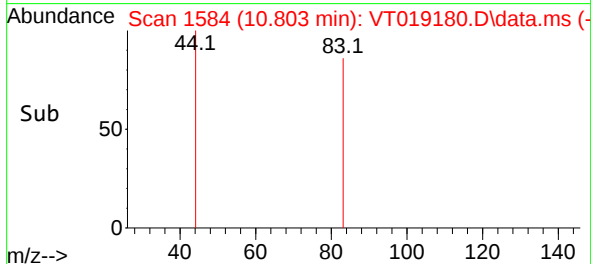
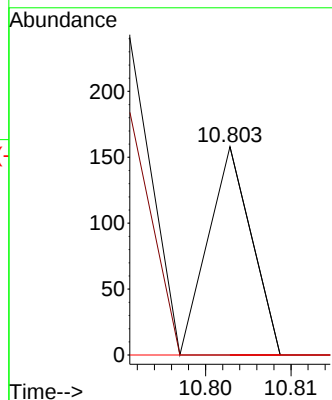
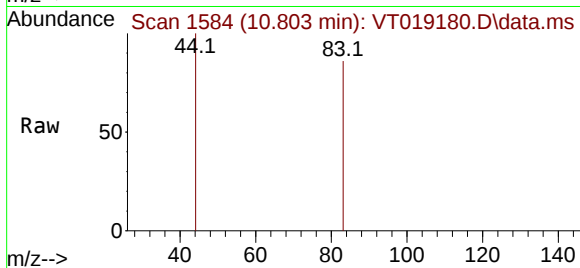
Tgt Ion: 83 Resp: 56

Ion Ratio Lower Upper

83 100

85 0.0 47.2 70.8#

127 0.0 7.1 10.7#



#42

Vinyl Acetate

Concen: 10.078 ug/l

RT: 5.715 min Scan# 718

Delta R.T. -0.035 min

Lab File: VT019180.D

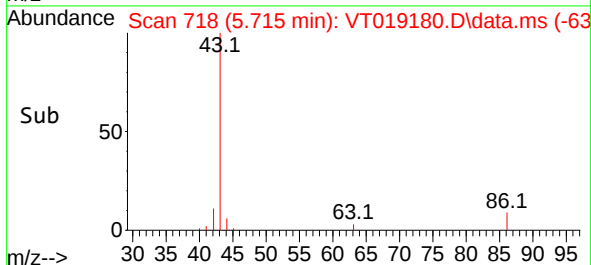
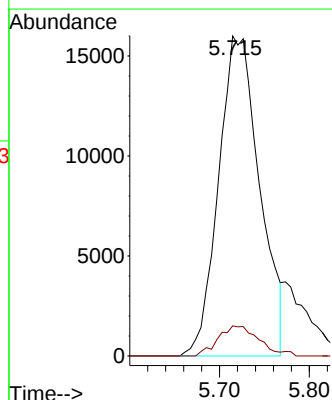
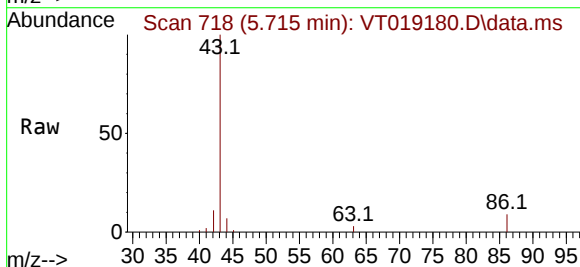
Acq: 24 Oct 2025 15:29

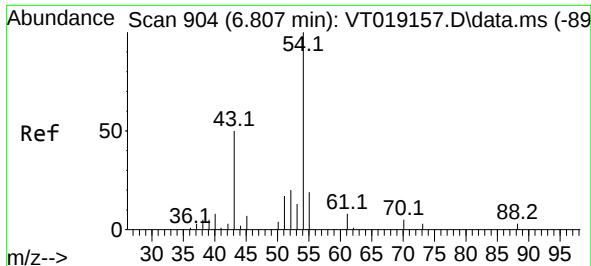
Tgt Ion: 43 Resp: 50878

Ion Ratio Lower Upper

43 100

86 9.0 6.9 10.3





#43

Ethyl Acetate

Concen: 0.606 ug/l

RT: 6.755 min Scan# 895

Delta R.T. -0.046 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

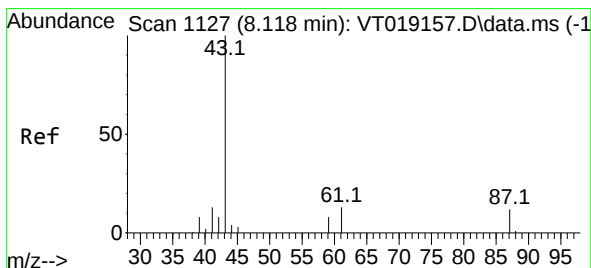
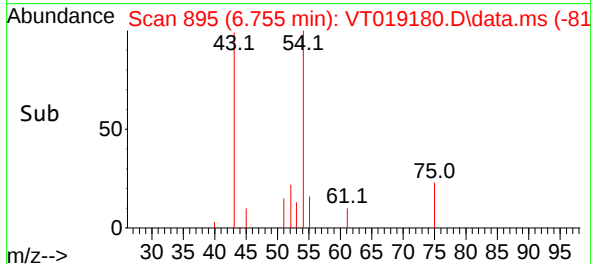
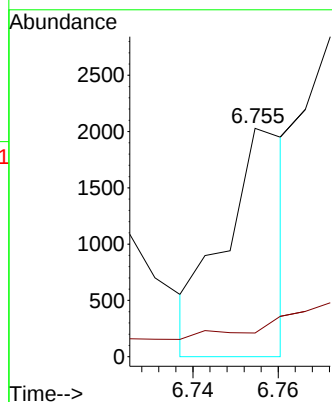
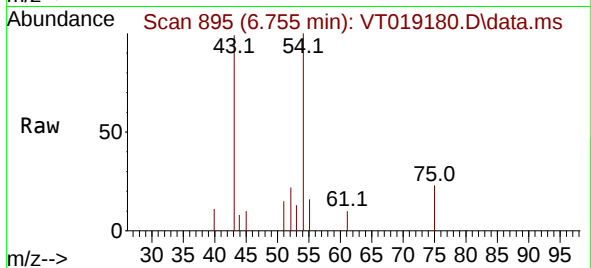
MDL05

Tgt Ion: 43 Resp: 2051

Ion Ratio Lower Upper

43 100

45 11.3 10.6 16.0



#44

Isopropyl Acetate

Concen: 2.219 ug/l

RT: 8.094 min Scan# 1123

Delta R.T. -0.029 min

Lab File: VT019180.D

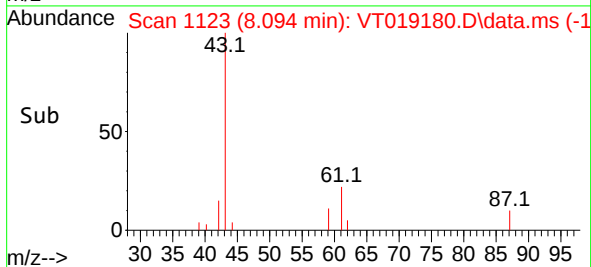
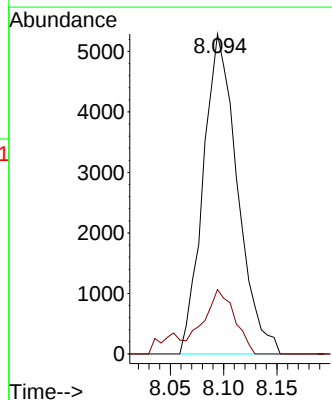
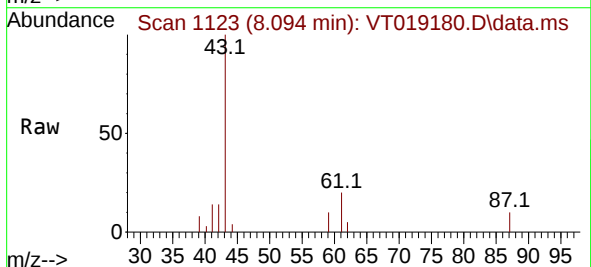
Acq: 24 Oct 2025 15:29

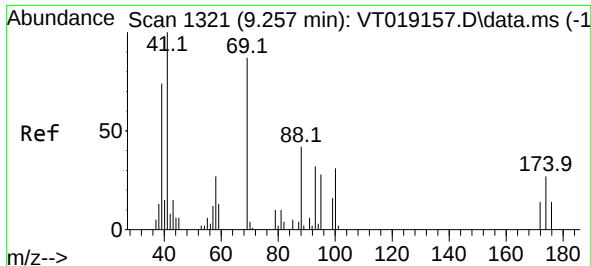
Tgt Ion: 43 Resp: 11815

Ion Ratio Lower Upper

43 100

61 18.1 14.7 22.1

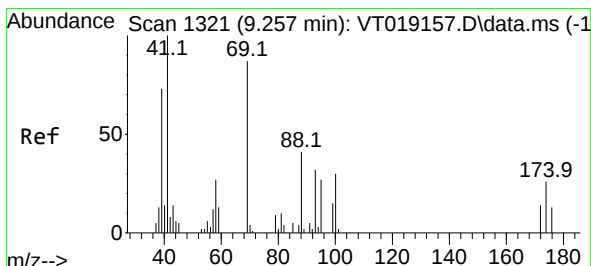
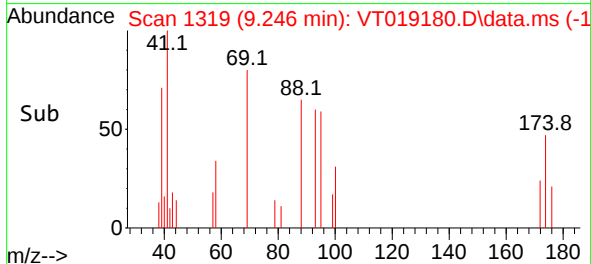
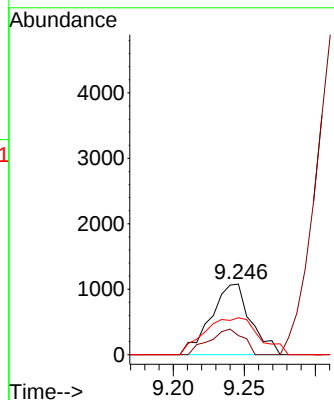
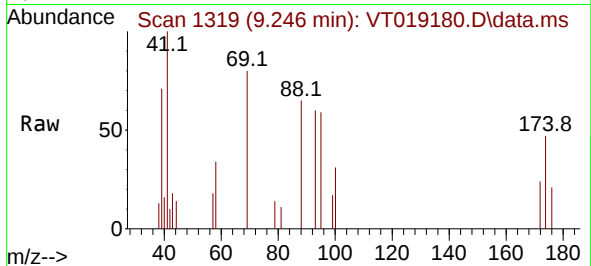




#45
1,4-Dioxane
Concen: 45.295 ug/l
RT: 9.246 min Scan# 1319
Delta R.T. -0.023 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

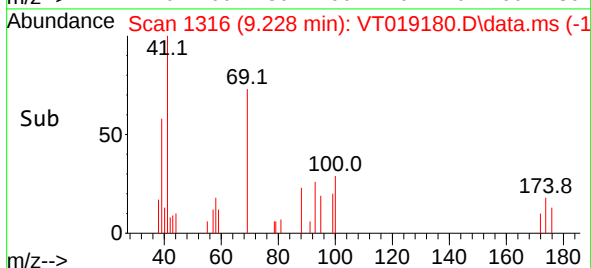
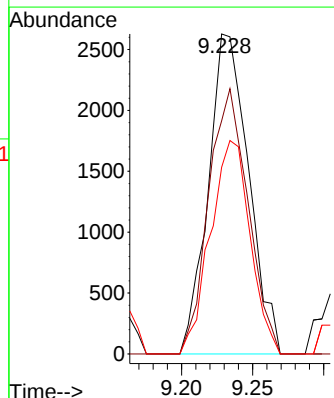
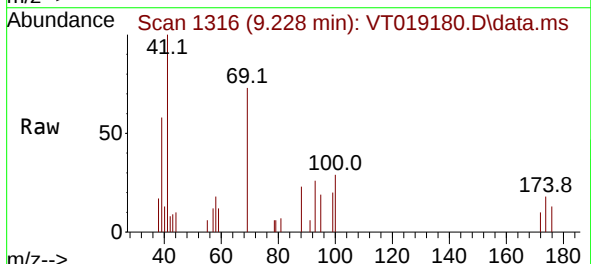
Instrument :
MSVOA_T
ClientSampleId :
MDL05

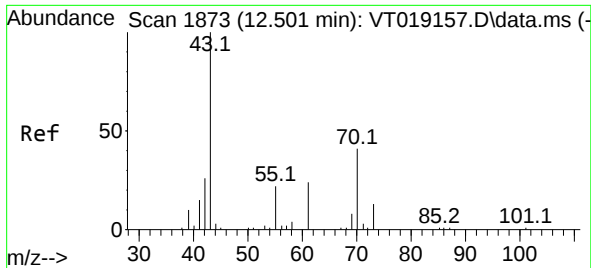
Tgt Ion: 88 Resp: 2092
Ion Ratio Lower Upper
88 100
43 31.2 30.2 45.2
58 68.7 33.3 49.9#



#46
Methyl methacrylate
Concen: 2.182 ug/l
RT: 9.228 min Scan# 1316
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 41 Resp: 5193
Ion Ratio Lower Upper
41 100
69 72.8 35.8 107.3
39 58.4 24.4 73.4





#47

n-amy1 Acetate

Concen: 2.162 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.024 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

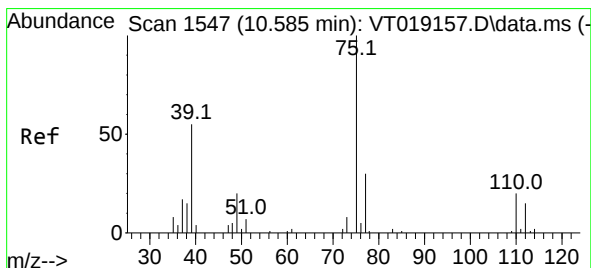
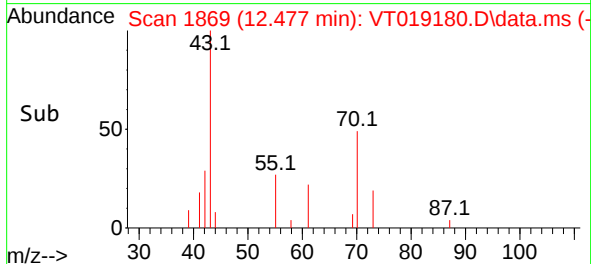
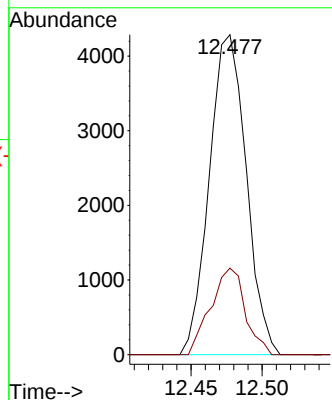
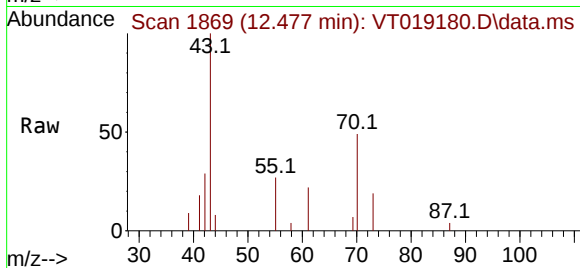
MDL05

Tgt Ion: 43 Resp: 7747

Ion Ratio Lower Upper

43 100

55 25.2 18.4 27.6



#48

t-1,3-Dichloropropene

Concen: 2.259 ug/l

RT: 10.562 min Scan# 1543

Delta R.T. -0.023 min

Lab File: VT019180.D

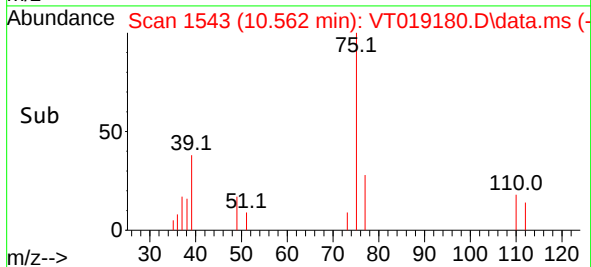
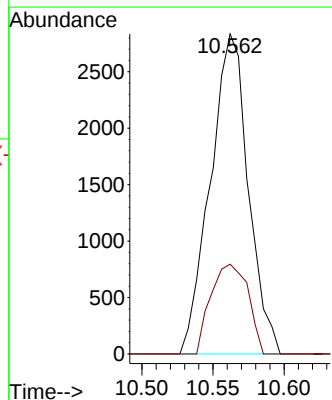
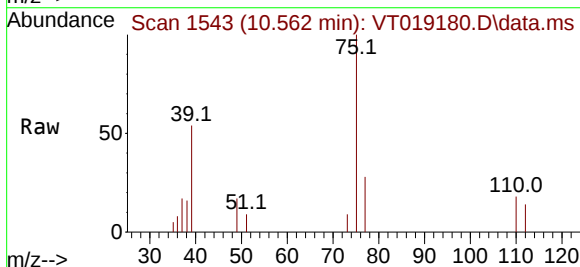
Acq: 24 Oct 2025 15:29

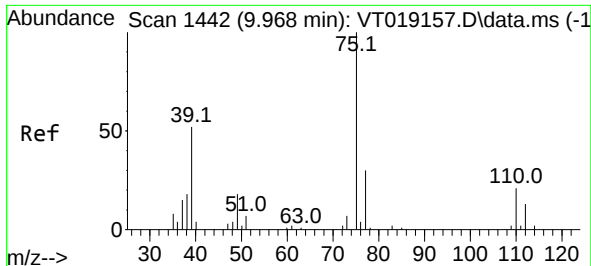
Tgt Ion: 75 Resp: 5259

Ion Ratio Lower Upper

75 100

77 28.1 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 2.295 ug/l

RT: 9.951 min Scan# 1442

Delta R.T. -0.023 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

MDL05

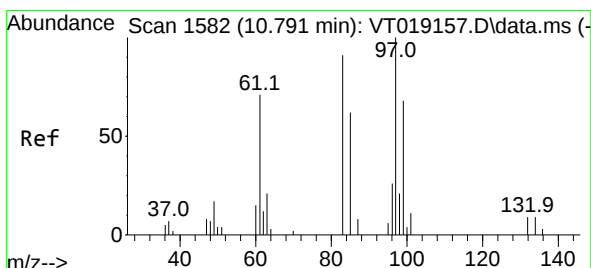
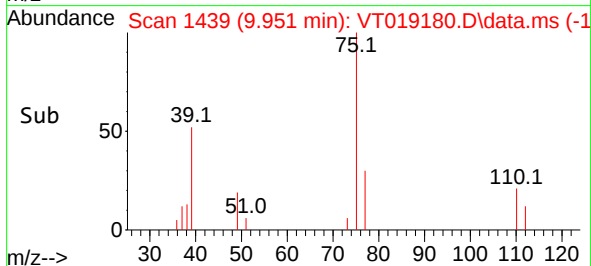
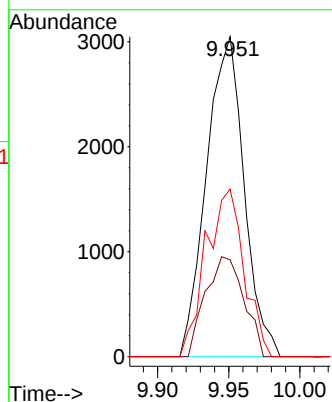
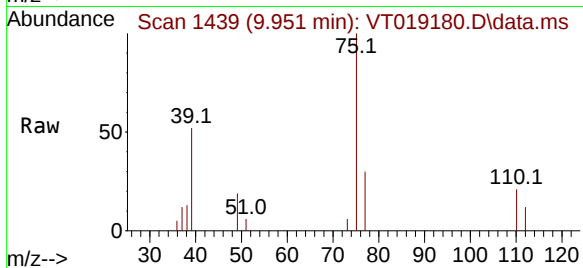
Tgt Ion: 75 Resp: 5612

Ion Ratio Lower Upper

75 100

77 30.2 25.1 37.7

39 52.4 42.7 64.1



#50

1,1,2-Trichloroethane

Concen: 2.216 ug/l

RT: 10.768 min Scan# 1578

Delta R.T. -0.023 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Tgt Ion: 97 Resp: 3255

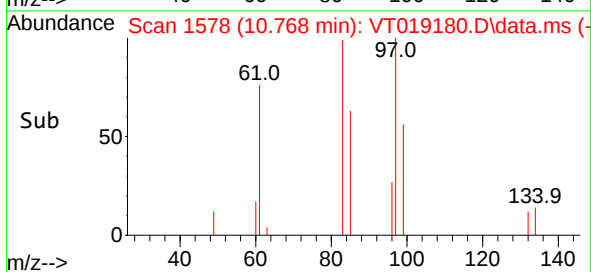
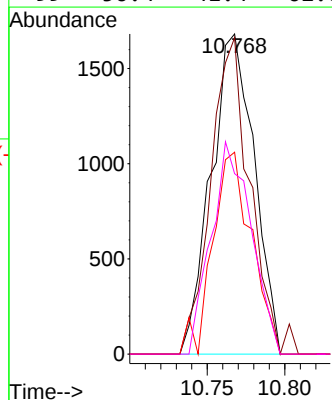
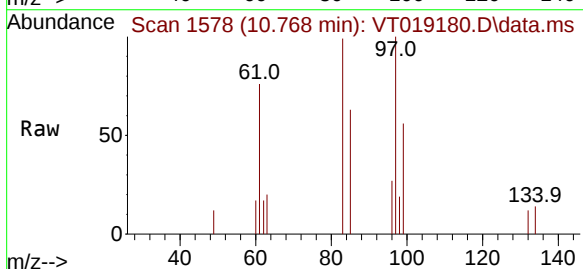
Ion Ratio Lower Upper

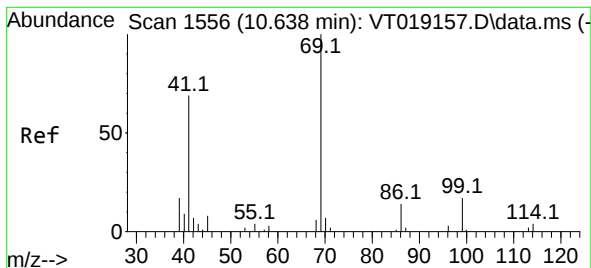
97 100

83 98.9 58.3 87.5#

85 63.1 36.5 54.7#

99 56.4 41.4 62.0

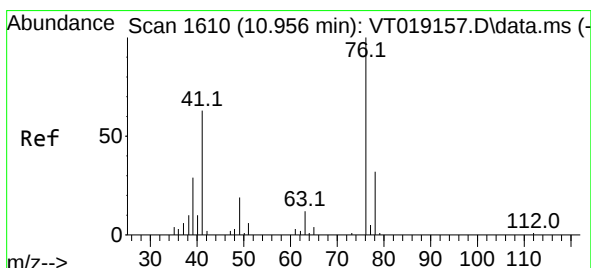
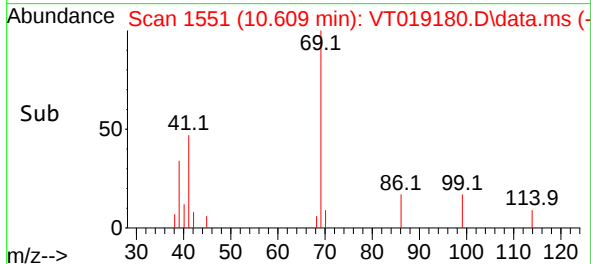
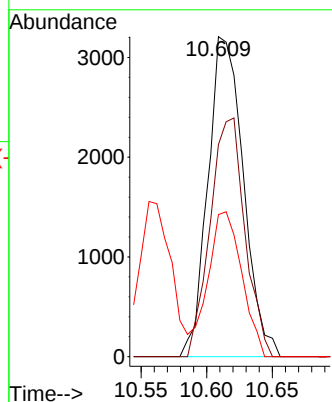
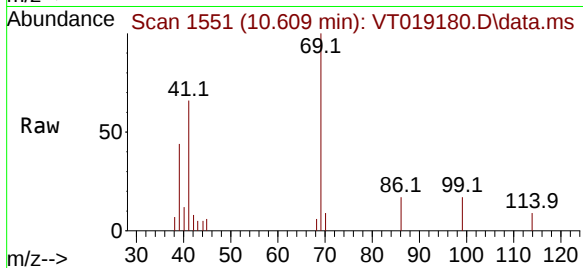




#51
Ethyl methacrylate
Concen: 2.191 ug/l
RT: 10.609 min Scan# 11
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

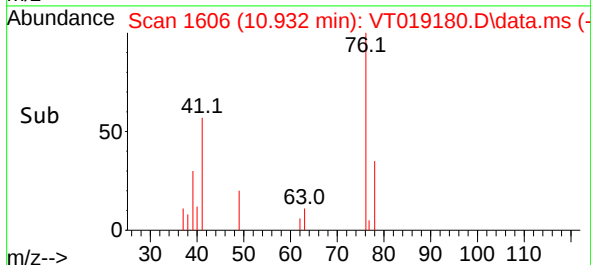
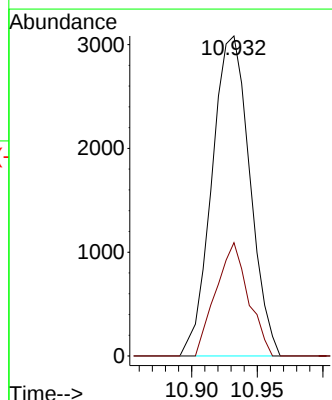
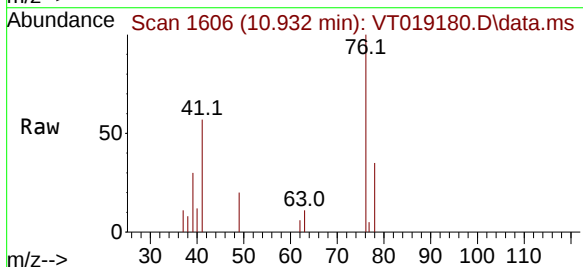
Instrument :
MSVOA_T
ClientSampleId :
MDL05

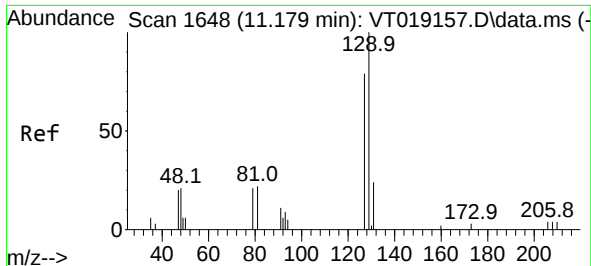
Tgt Ion: 69 Resp: 6031
Ion Ratio Lower Upper
69 100
41 66.3 35.0 105.1
39 44.4 19.5 58.5



#52
1,3-Dichloropropane
Concen: 2.361 ug/l
RT: 10.932 min Scan# 1606
Delta R.T. -0.024 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 76 Resp: 6194
Ion Ratio Lower Upper
76 100
78 30.3 0.0 63.6

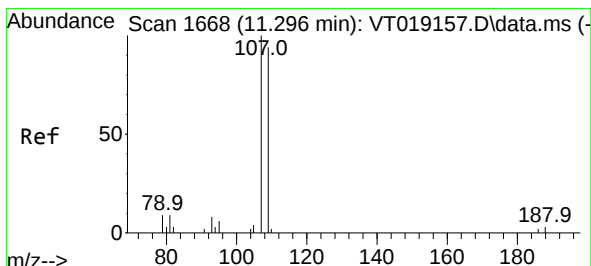
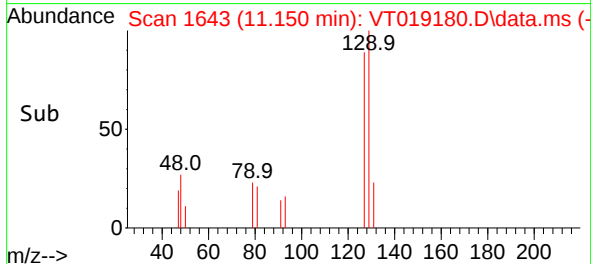
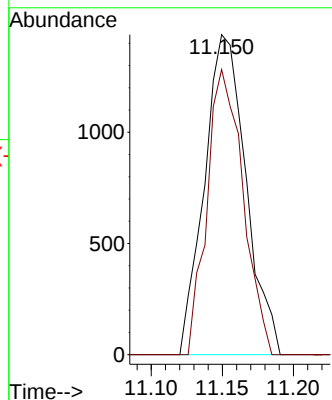
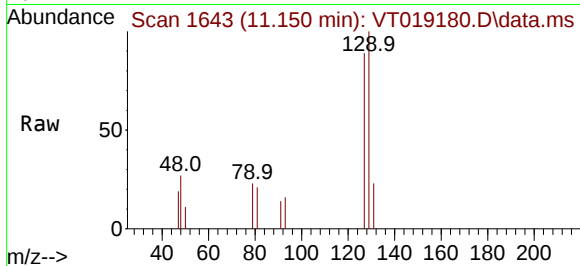




#53
Dibromochloromethane
Concen: 2.134 ug/l
RT: 11.150 min Scan# 1643
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

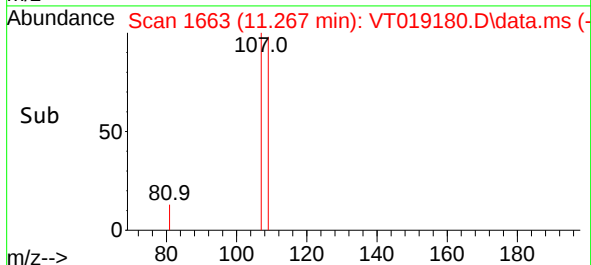
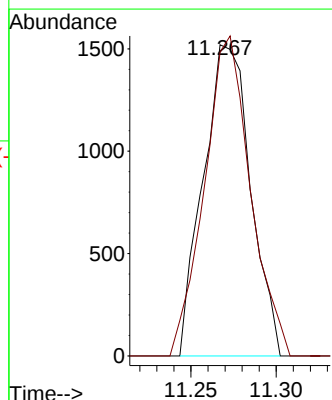
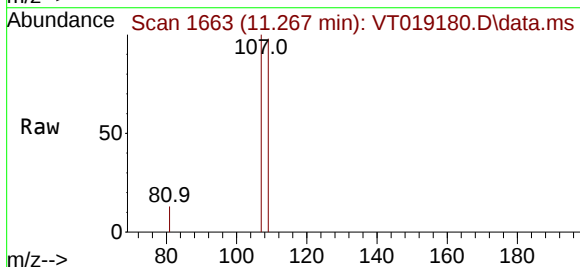
Instrument :
MSVOA_T
ClientSampleId :
MDL05

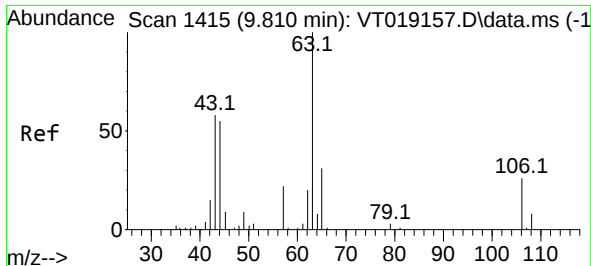
Tgt Ion:129 Resp: 2924
Ion Ratio Lower Upper
129 100
127 77.1 125.0 374.9#



#54
1,2-Dibromoethane
Concen: 2.144 ug/l
RT: 11.267 min Scan# 1663
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion:107 Resp: 2930
Ion Ratio Lower Upper
107 100
109 99.9 74.0 111.0





#55

2-Chloroethyl vinyl ether

Concen: 12.961 ug/l

RT: 9.786 min Scan# 1415

Delta R.T. -0.024 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

MDL05

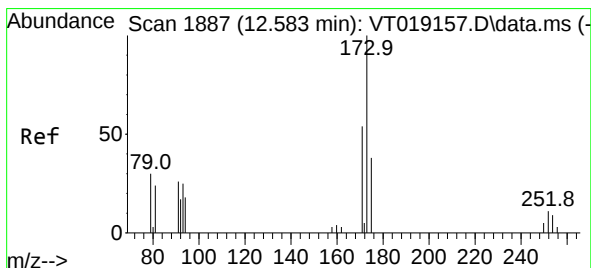
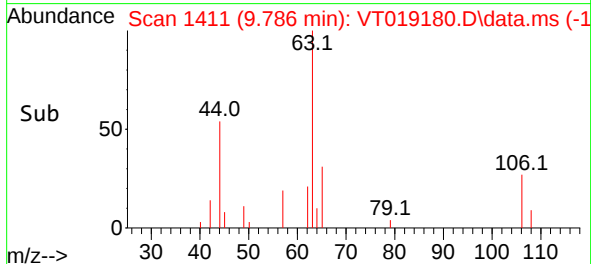
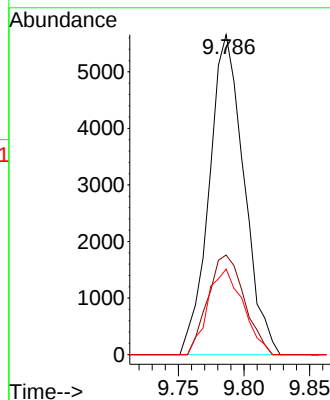
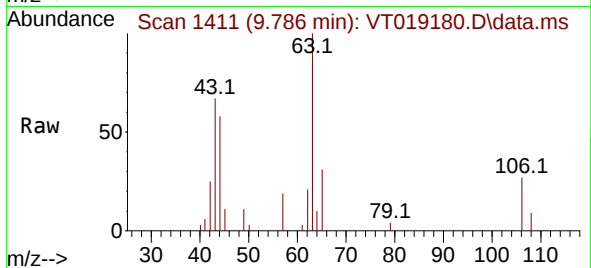
Tgt Ion: 63 Resp: 10407

Ion Ratio Lower Upper

63 100

65 32.6 25.8 38.6

106 27.4 22.1 33.1



#56

Bromoform

Concen: 1.904 ug/l

RT: 12.548 min Scan# 1881

Delta R.T. -0.029 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

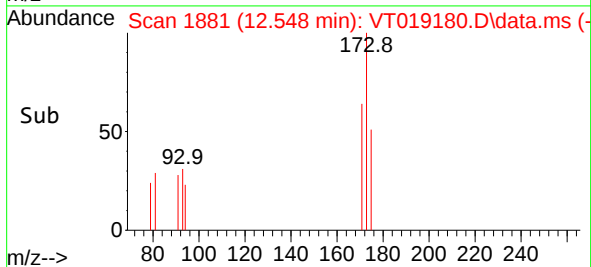
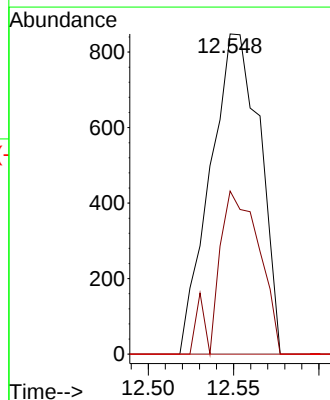
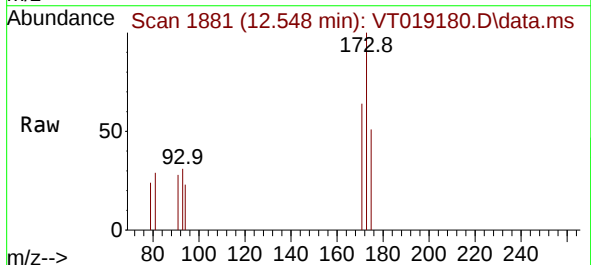
Tgt Ion: 173 Resp: 1715

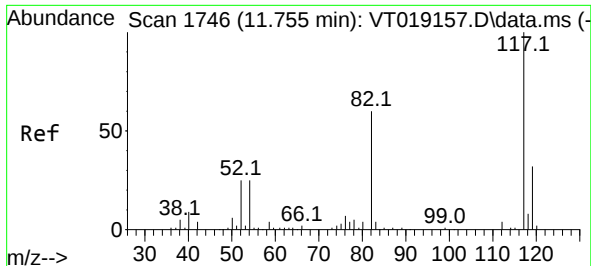
Ion Ratio Lower Upper

173 100

175 39.5 2.6 3.8#

254 0.0 2.2 3.2#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.731 min Scan# 11

Delta R.T. -0.024 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

MDL05

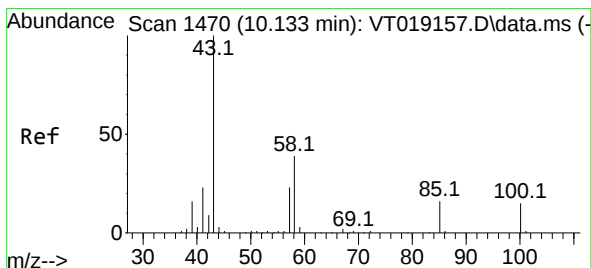
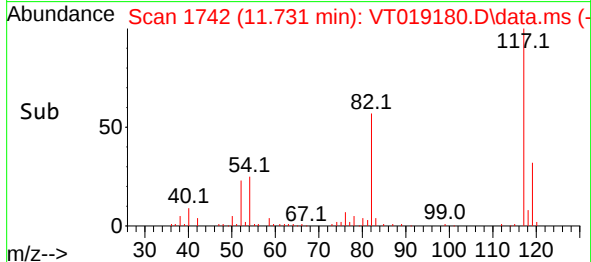
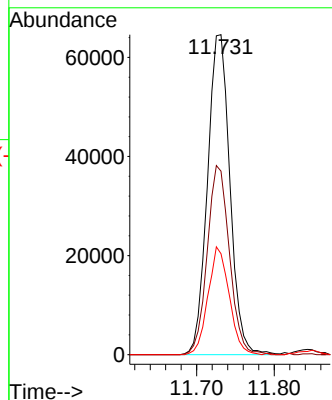
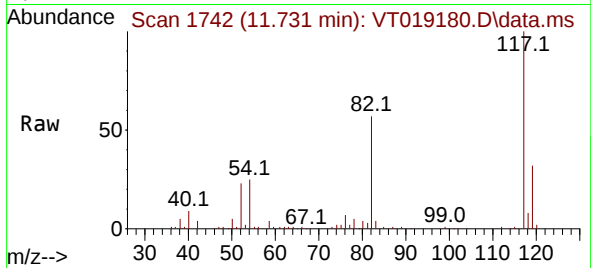
Tgt Ion:117 Resp: 129900

Ion Ratio Lower Upper

117 100

82 58.6 46.0 69.0

119 31.8 25.8 38.8



#58

4-Methyl-2-Pentanone

Concen: 10.774 ug/l

RT: 10.110 min Scan# 1466

Delta R.T. -0.029 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

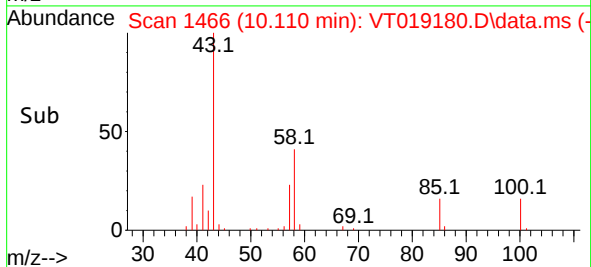
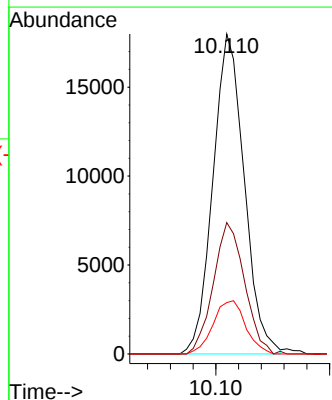
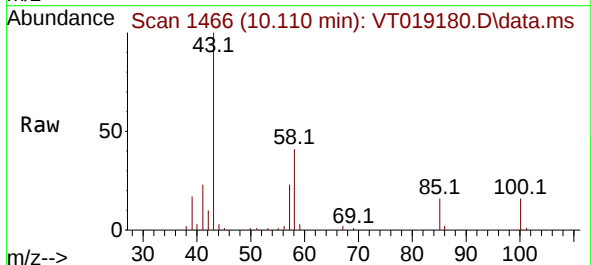
Tgt Ion: 43 Resp: 34274

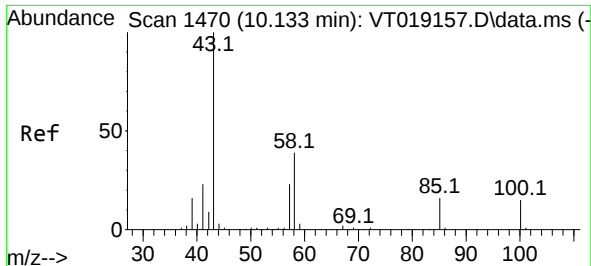
Ion Ratio Lower Upper

43 100

58 40.9 30.6 45.8

85 17.3 13.4 20.2

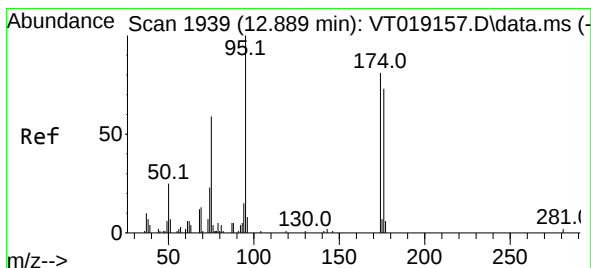
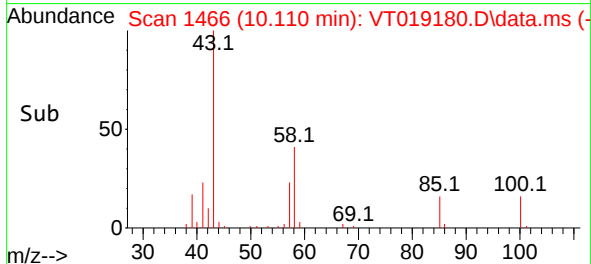
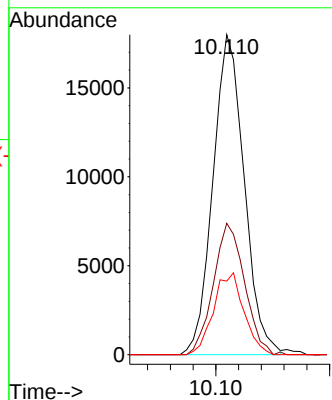
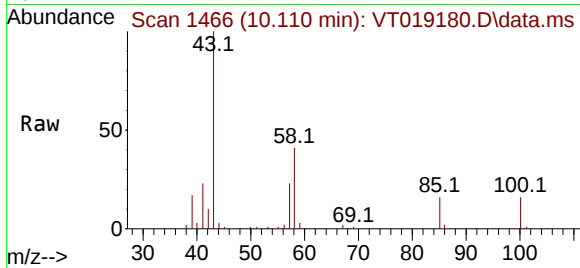




#59
2-Hexanone
Concen: 10.774 ug/l
RT: 10.110 min Scan# 1466
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

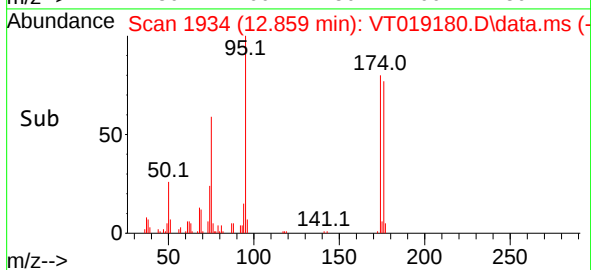
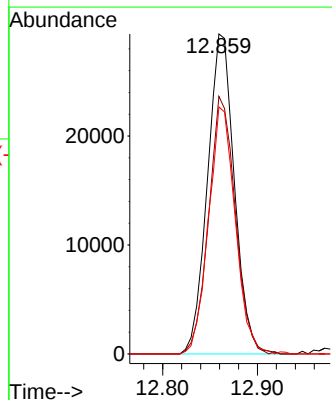
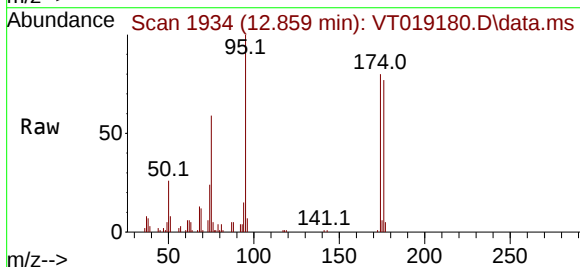
Instrument :
MSVOA_T
ClientSampleId :
MDL05

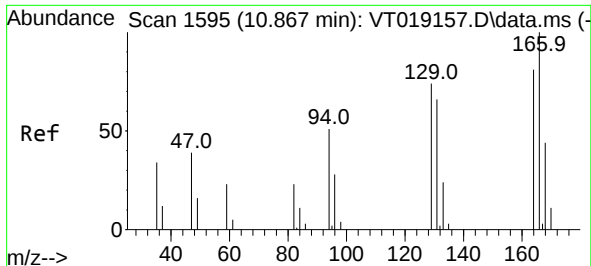
Tgt Ion: 43 Resp: 34274
Ion Ratio Lower Upper
43 100
58 40.9 42.0 63.0#
57 24.9 14.6 21.8#



#60
4-Bromofluorobenzene
Concen: 28.402 ug/l
RT: 12.859 min Scan# 1934
Delta R.T. -0.030 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 95 Resp: 57986
Ion Ratio Lower Upper
95 100
174 79.5 57.5 86.3
176 76.5 56.4 84.6

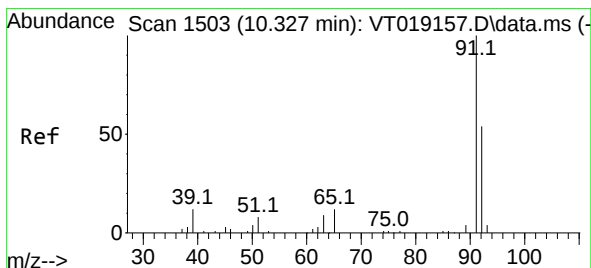
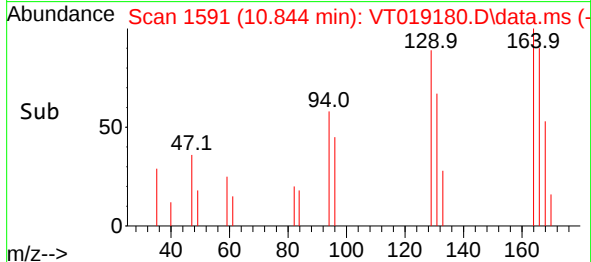
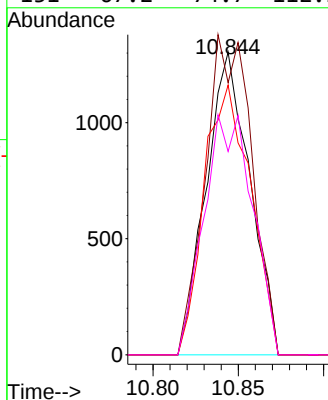
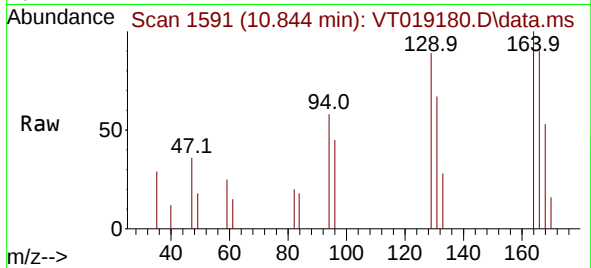




#61
Tetrachloroethene
Concen: 2.827 ug/l
RT: 10.844 min Scan# 1591
Delta R.T. -0.023 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

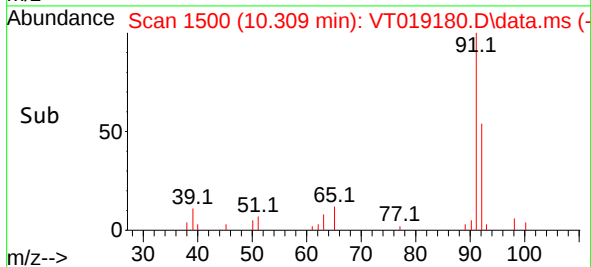
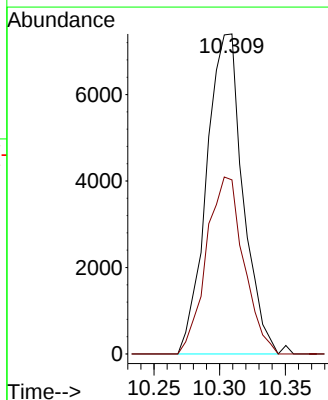
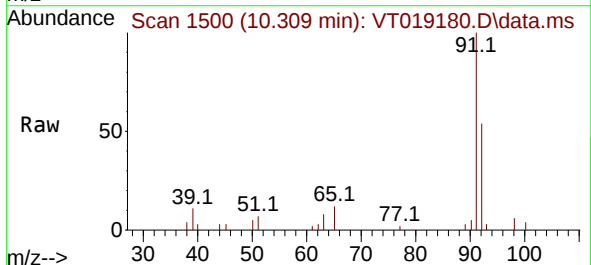
Instrument :
MSVOA_T
ClientSampleId :
MDL05

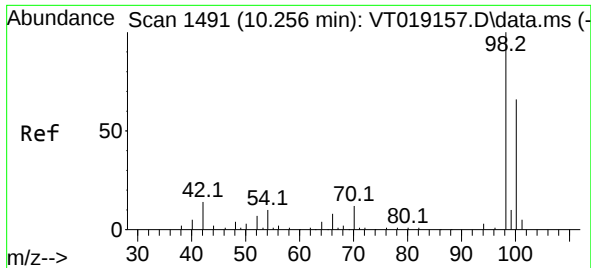
Tgt Ion:164 Resp: 2321
Ion Ratio Lower Upper
164 100
166 89.9 101.0 151.4#
129 89.1 78.6 117.8
131 67.2 74.7 112.1#



#62
Toluene
Concen: 2.452 ug/l
RT: 10.309 min Scan# 1500
Delta R.T. -0.024 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 91 Resp: 14265
Ion Ratio Lower Upper
91 100
92 56.7 46.6 69.8

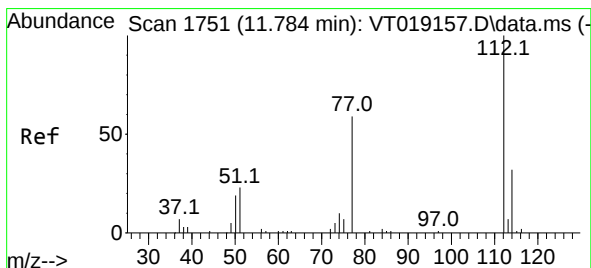
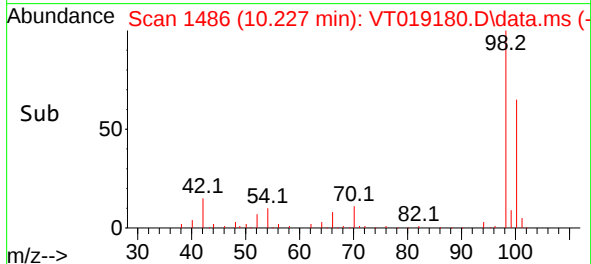
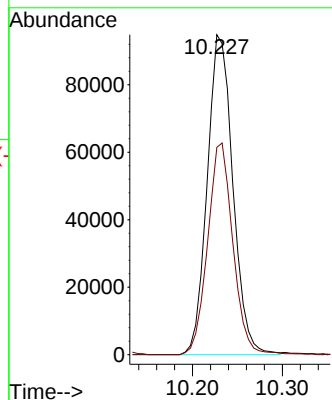
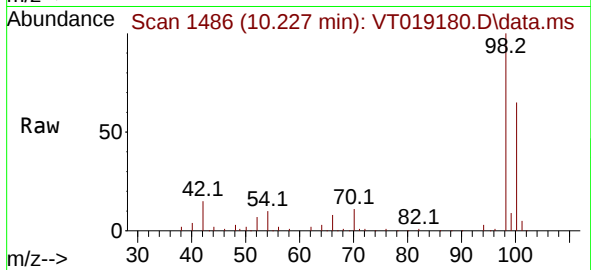




#63
Toluene-d8
Concen: 29.754 ug/l
RT: 10.227 min Scan# 1491
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

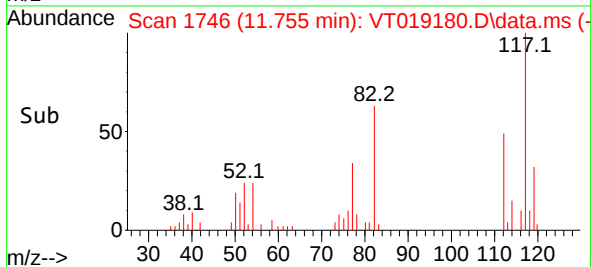
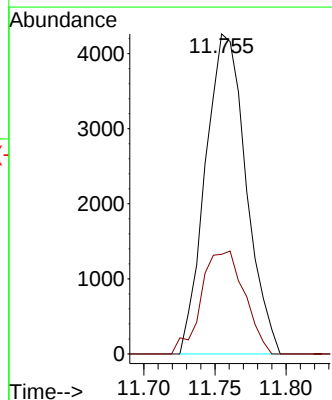
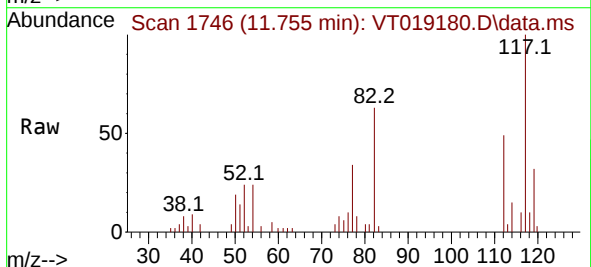
Instrument :
MSVOA_T
ClientSampleId :
MDL05

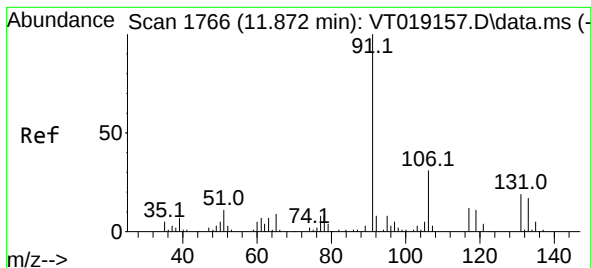
Tgt Ion: 98 Resp: 188124
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3



#64
Chlorobenzene
Concen: 2.389 ug/l
RT: 11.755 min Scan# 1746
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 112 Resp: 8489
Ion Ratio Lower Upper
112 100
114 31.2 23.6 35.4





#65

1,1,1,2-Tetrachloroethane

Concen: 2.315 ug/l

RT: 11.843 min Scan# 1761

Delta R.T. -0.023 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

MDL05

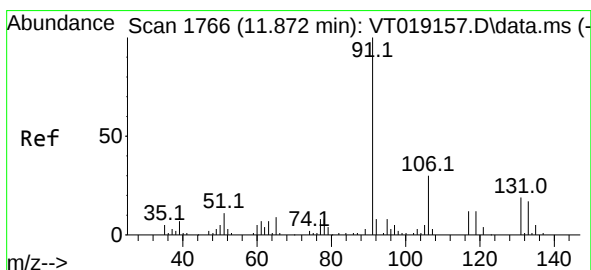
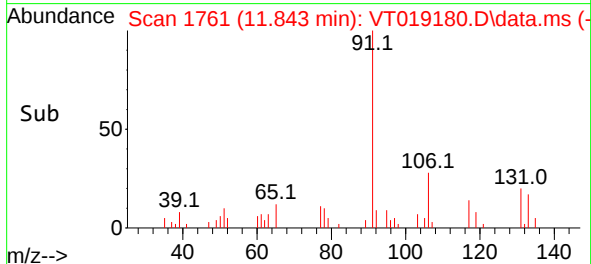
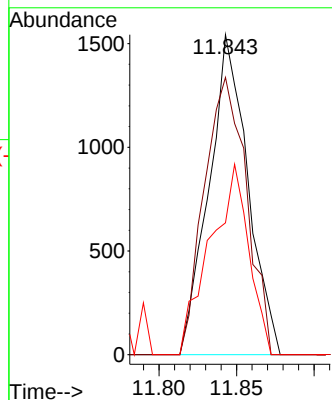
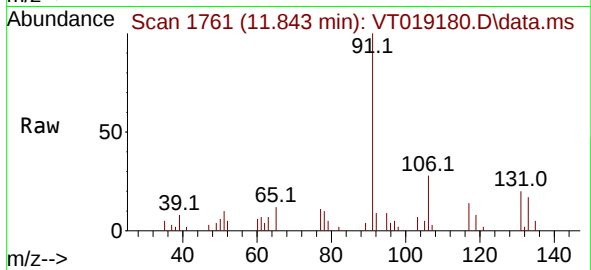
Tgt Ion:131 Resp: 2680

Ion Ratio Lower Upper

131 100

133 94.2 0.0 188.2

119 59.2 0.0 101.8



#66

Ethyl Benzene

Concen: 2.340 ug/l

RT: 11.843 min Scan# 1761

Delta R.T. -0.029 min

Lab File: VT019180.D

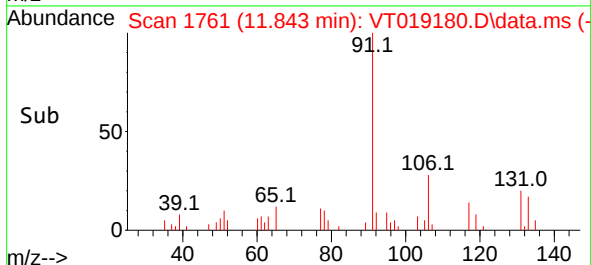
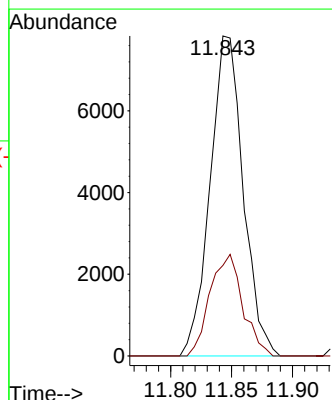
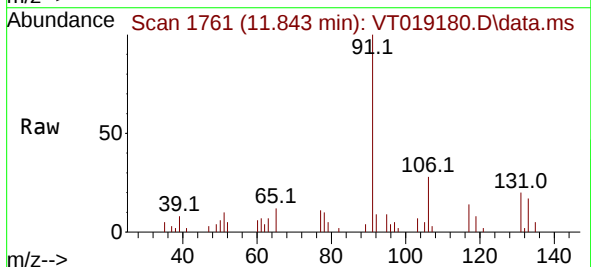
Acq: 24 Oct 2025 15:29

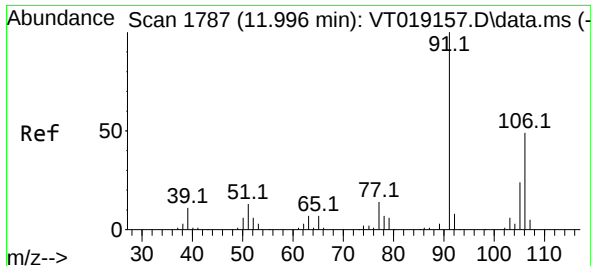
Tgt Ion: 91 Resp: 14799

Ion Ratio Lower Upper

91 100

106 28.3 25.1 37.7





#67

m/p-Xylenes

Concen: 4.728 ug/l

RT: 11.972 min Scan# 11

Delta R.T. -0.023 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

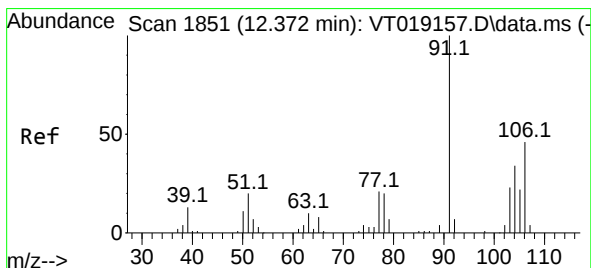
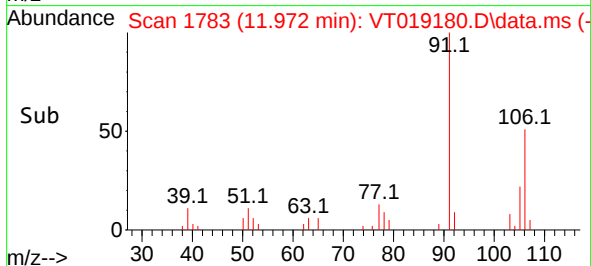
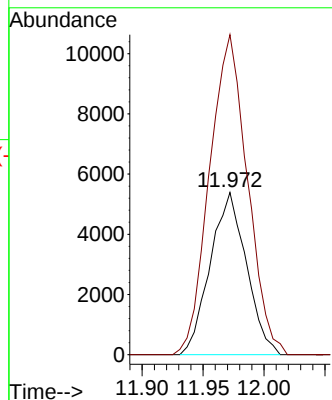
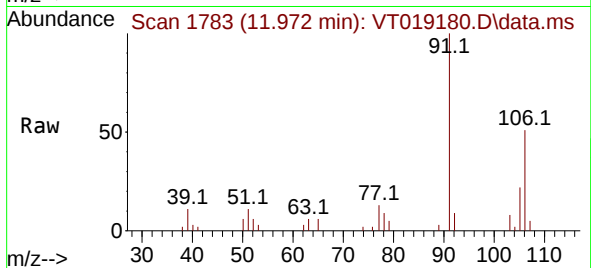
MDL05

Tgt Ion:106 Resp: 11114

Ion Ratio Lower Upper

106 100

91 206.7 164.4 246.6



#68

o-Xylene

Concen: 2.458 ug/l

RT: 12.348 min Scan# 1847

Delta R.T. -0.024 min

Lab File: VT019180.D

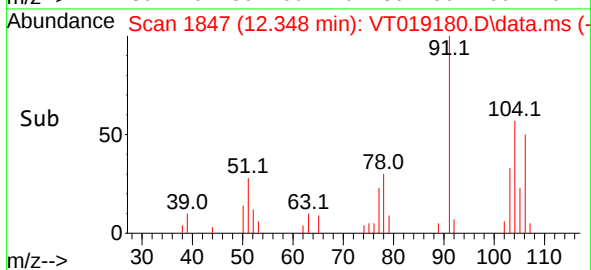
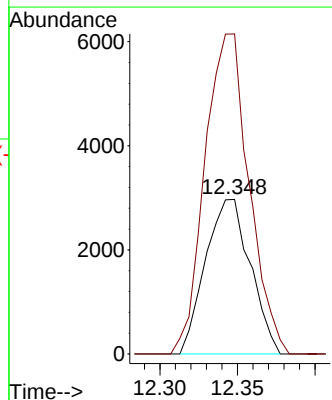
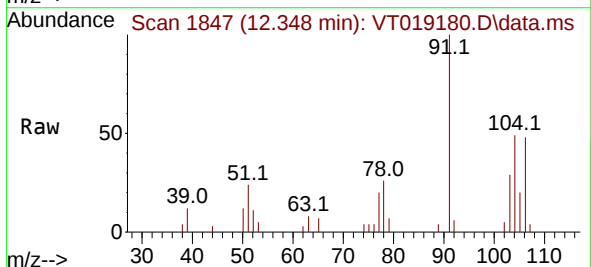
Acq: 24 Oct 2025 15:29

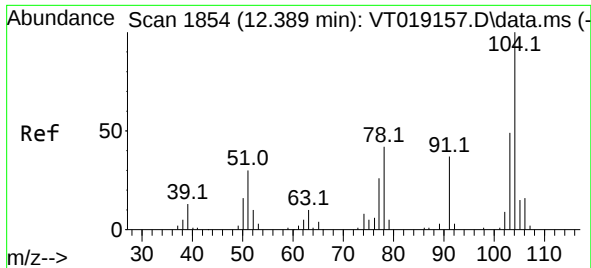
Tgt Ion:106 Resp: 5964

Ion Ratio Lower Upper

106 100

91 204.2 111.3 333.8

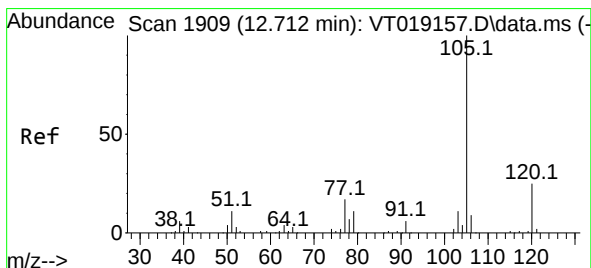
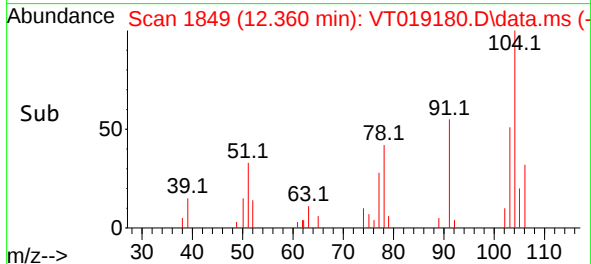
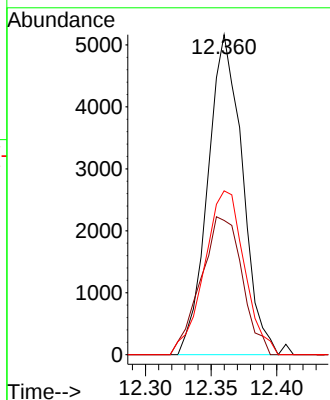
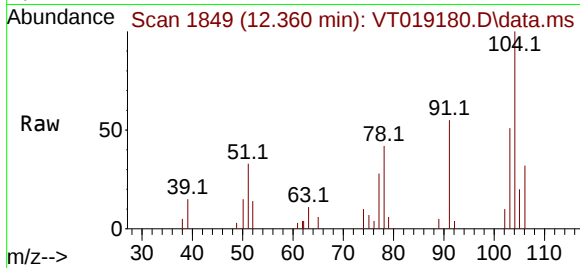




#69
Styrene
Concen: 2.178 ug/l
RT: 12.360 min Scan# 1849
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

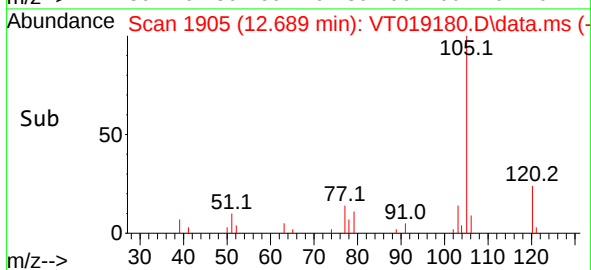
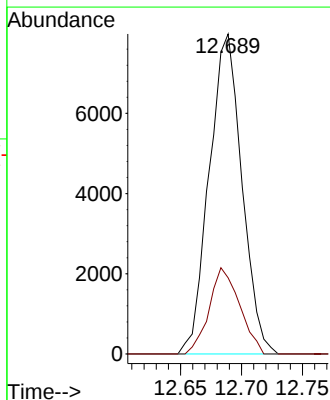
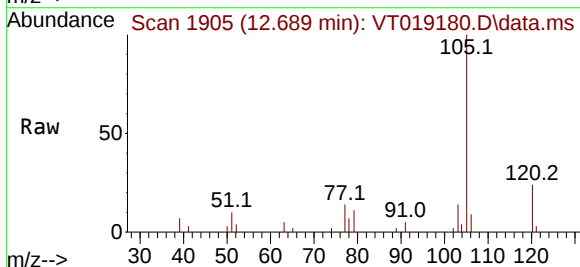
Instrument :
MSVOA_T
ClientSampleId :
MDL05

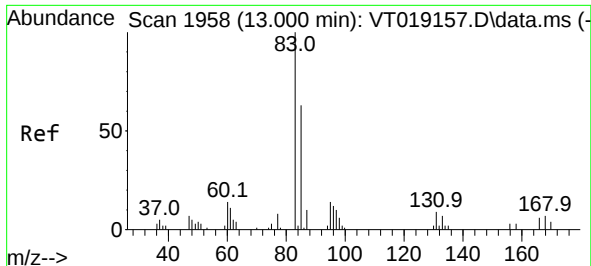
Tgt Ion:104 Resp: 9486
Ion Ratio Lower Upper
104 100
78 51.2 42.6 63.8
103 59.1 43.5 65.3



#70
Isopropylbenzene
Concen: 2.504 ug/l
RT: 12.689 min Scan# 1905
Delta R.T. -0.023 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion:105 Resp: 14901
Ion Ratio Lower Upper
105 100
120 25.1 17.8 33.0

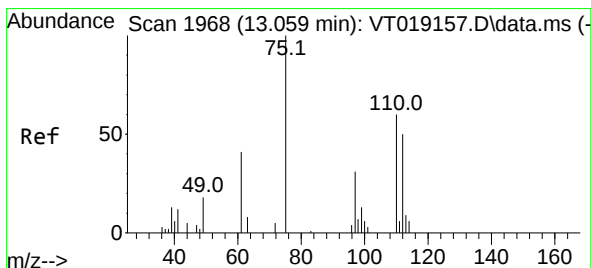
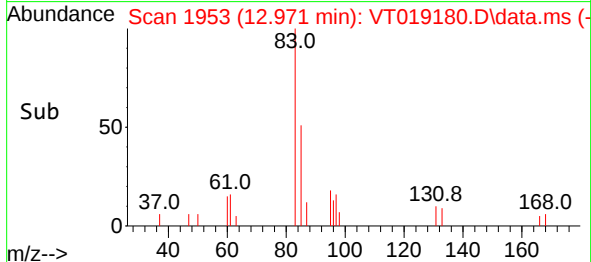
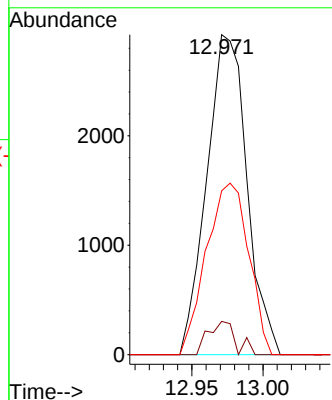
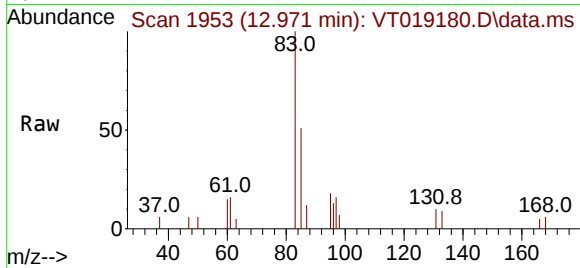




#71
1,1,2,2-Tetrachloroethane
Concen: 2.456 ug/l
RT: 12.971 min Scan# 1953
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

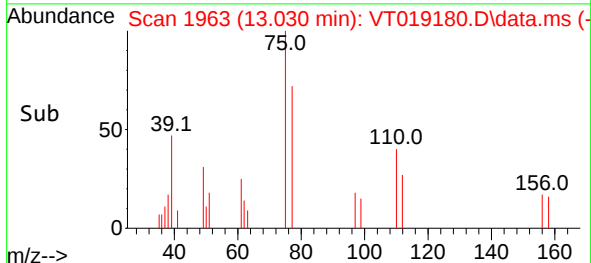
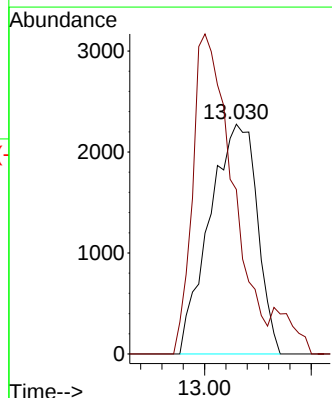
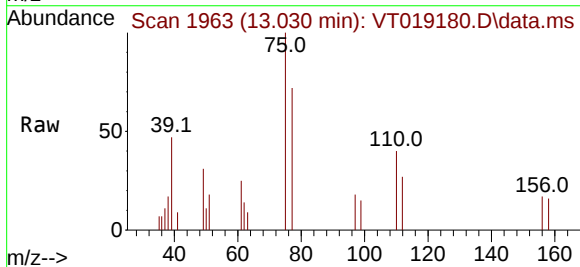
Instrument :
MSVOA_T
ClientSampleId :
MDL05

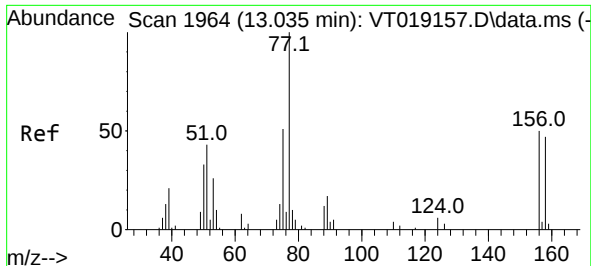
Tgt Ion: 83 Resp: 5735
Ion Ratio Lower Upper
83 100
131 6.2 6.0 18.0
85 56.7 32.3 96.9



#72
1,2,3-Trichloropropane
Concen: 4.101 ug/l
RT: 13.030 min Scan# 1963
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 75 Resp: 7069
Ion Ratio Lower Upper
75 100
77 116.2 0.0 74.2#

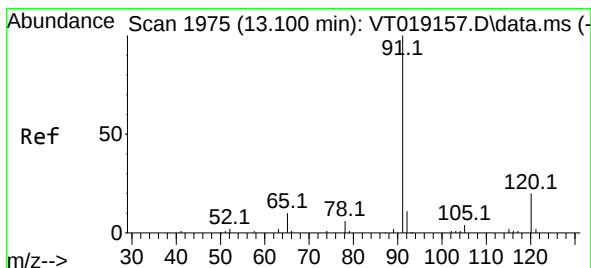
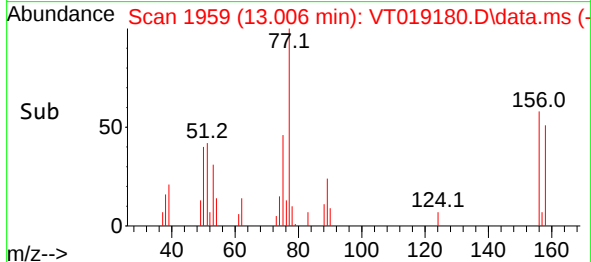
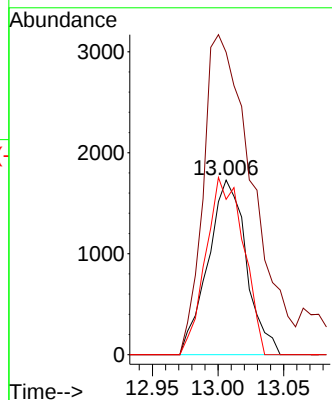
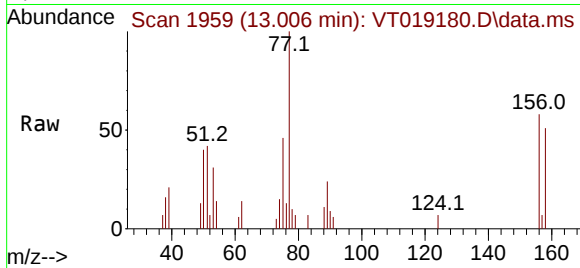




#73
Bromobenzene
Concen: 2.510 ug/l
RT: 13.006 min Scan# 1959
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

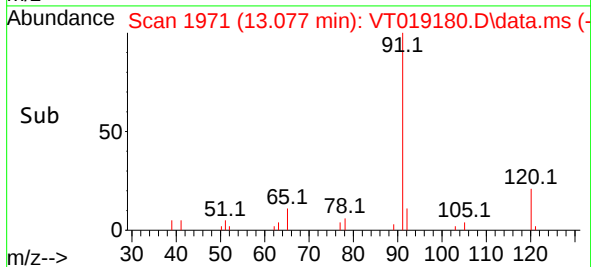
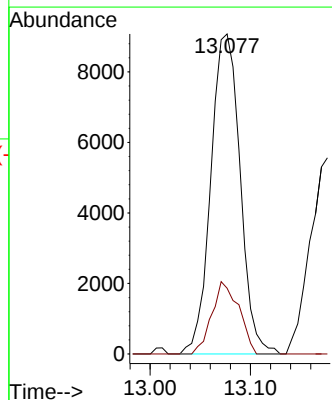
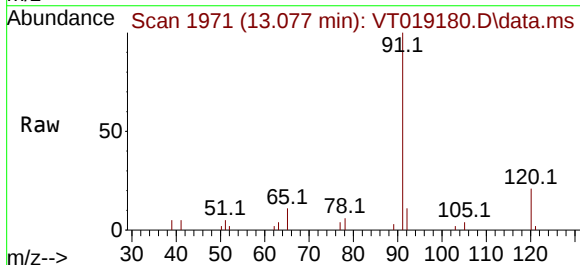
Instrument :
MSVOA_T
ClientSampleId :
MDL05

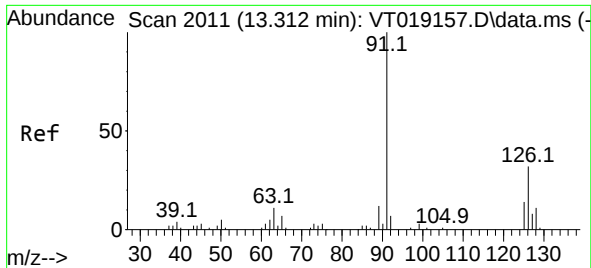
Tgt Ion:156 Resp: 3513
Ion Ratio Lower Upper
156 100
77 233.7 0.0 340.8
158 100.0 0.0 189.0



#74
n-propylbenzene
Concen: 2.565 ug/l
RT: 13.077 min Scan# 1971
Delta R.T. -0.023 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 91 Resp: 18407
Ion Ratio Lower Upper
91 100
120 20.8 0.0 44.4

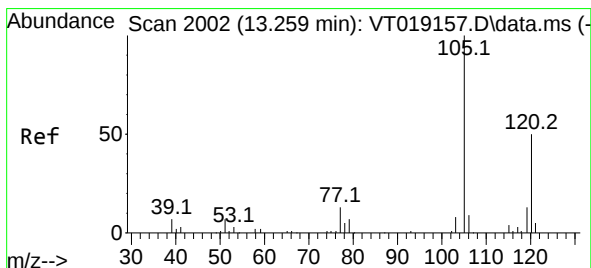
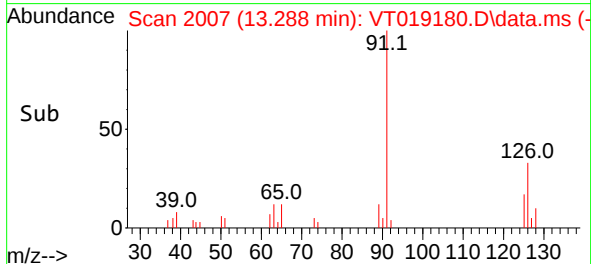
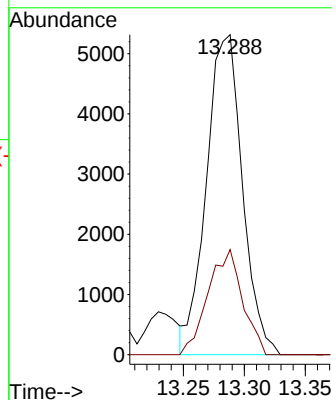
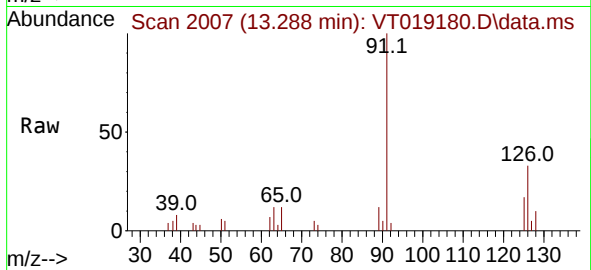




#75
2-Chlorotoluene
Concen: 2.486 ug/l
RT: 13.288 min Scan# 2011
Delta R.T. -0.024 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

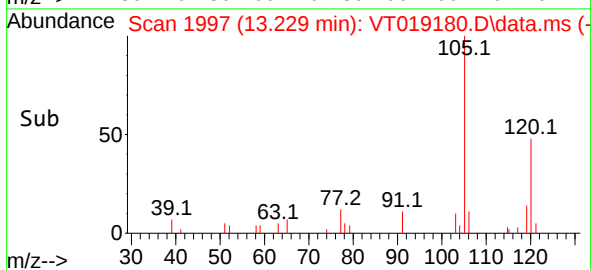
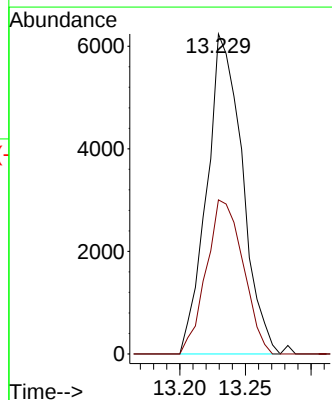
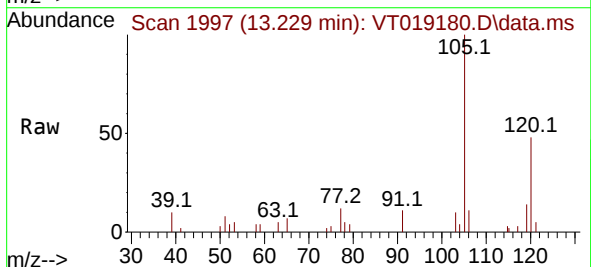
Instrument :
MSVOA_T
ClientSampleId :
MDL05

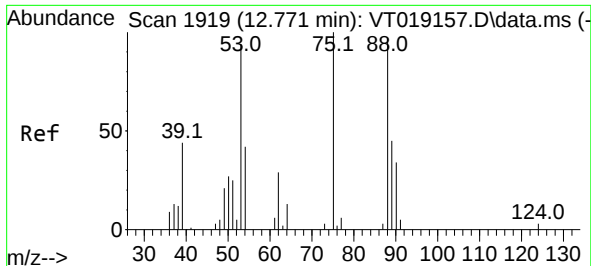
Tgt Ion: 91 Resp: 10923
Ion Ratio Lower Upper
91 100
126 31.5 0.0 63.6



#76
1,3,5-Trimethylbenzene
Concen: 2.399 ug/l
RT: 13.229 min Scan# 1997
Delta R.T. -0.030 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 105 Resp: 11711
Ion Ratio Lower Upper
105 100
120 50.0 0.0 93.0

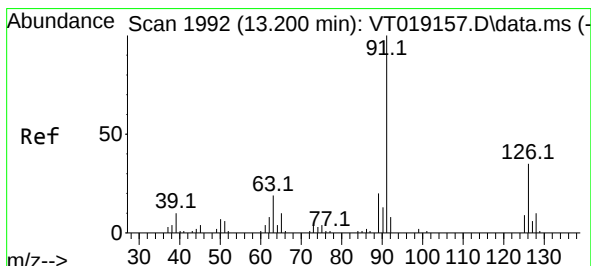
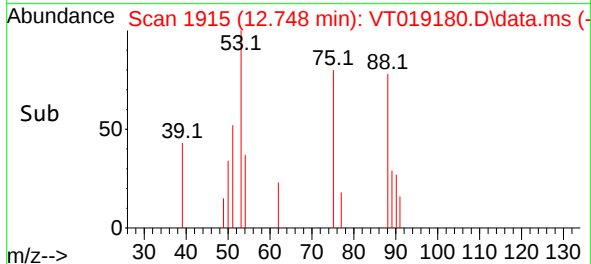
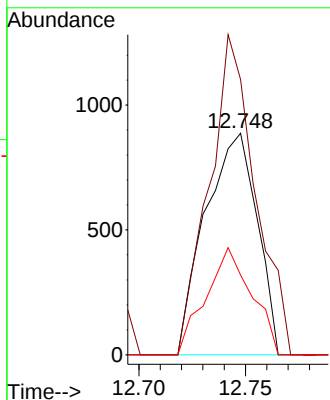
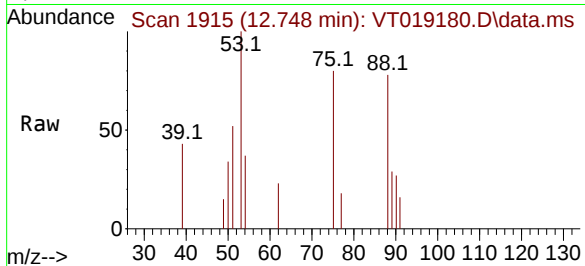




#77
t-1,4-Dichloro-2-butene
Concen: 1.789 ug/l
RT: 12.748 min Scan# 1915
Delta R.T. -0.017 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

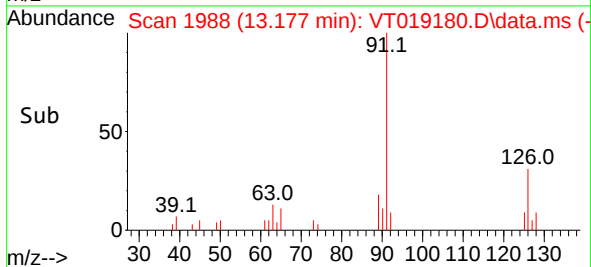
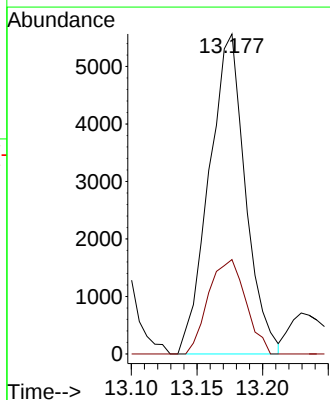
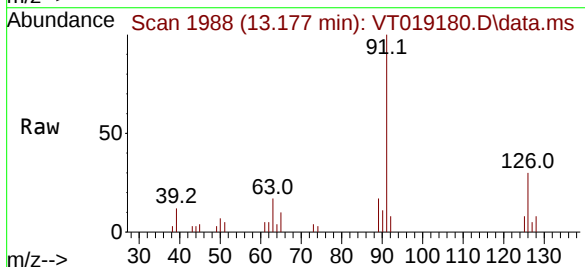
Instrument : MSVOA_T
ClientSampleId : MDL05

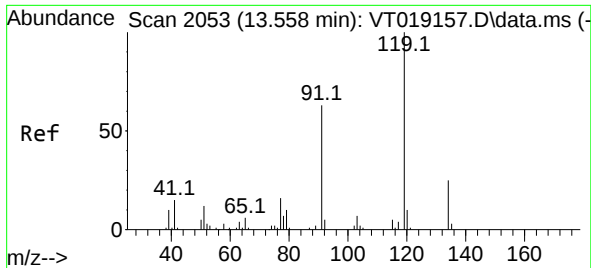
Tgt Ion: 75 Resp: 1498
Ion Ratio Lower Upper
75 100
53 124.2 48.4 145.2
89 36.0 33.8 101.3



#78
4-Chlorotoluene
Concen: 2.477 ug/l
RT: 13.177 min Scan# 1988
Delta R.T. -0.023 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 91 Resp: 10733
Ion Ratio Lower Upper
91 100
126 30.2 0.0 57.2

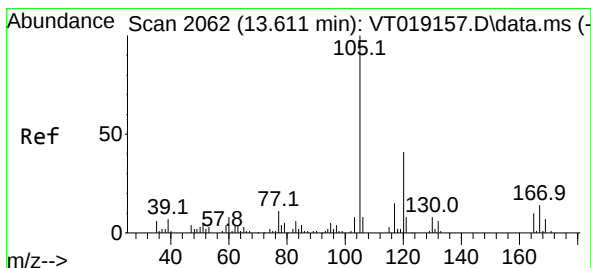
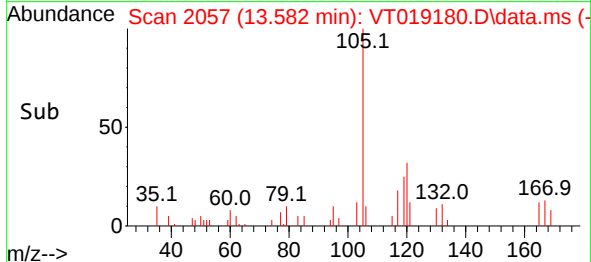
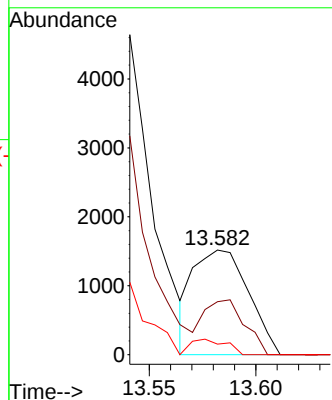
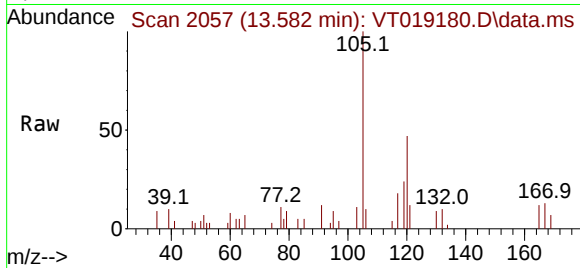




#79
tert-butylbenzene
Concen: 0.633 ug/l
RT: 13.582 min Scan# 2057
Delta R.T. 0.024 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

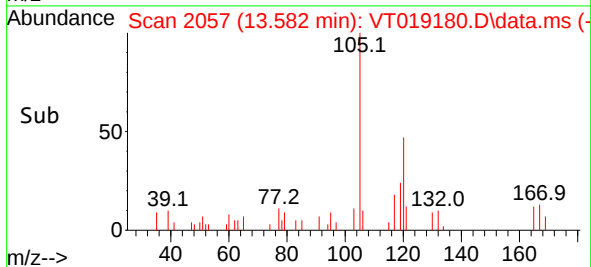
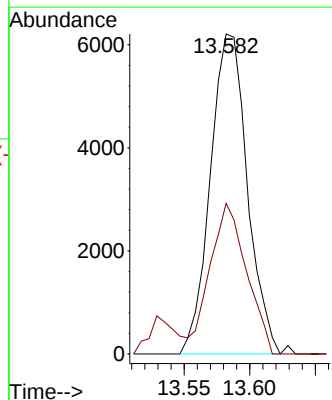
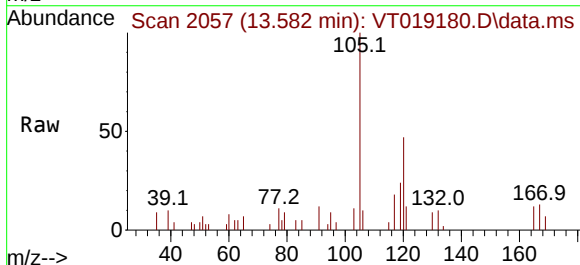
Instrument :
MSVOA_T
ClientSampleId :
MDL05

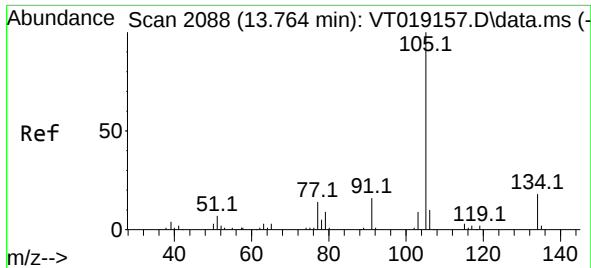
Tgt Ion:119 Resp: 2746
Ion Ratio Lower Upper
119 100
91 38.3 0.0 120.6
134 9.6 0.0 46.0



#80
1,2,4-Trimethylbenzene
Concen: 2.390 ug/l
RT: 13.582 min Scan# 2057
Delta R.T. -0.029 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion:105 Resp: 12176
Ion Ratio Lower Upper
105 100
120 46.5 0.0 88.6

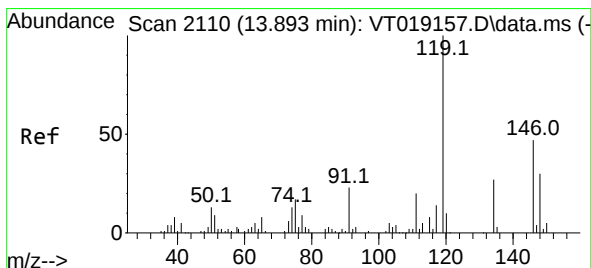
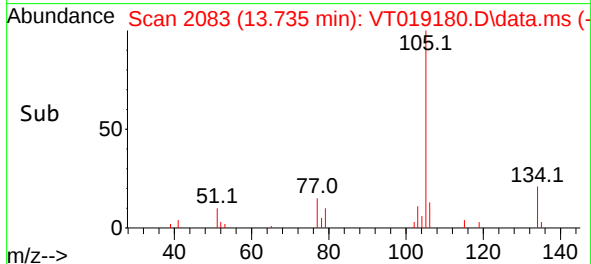
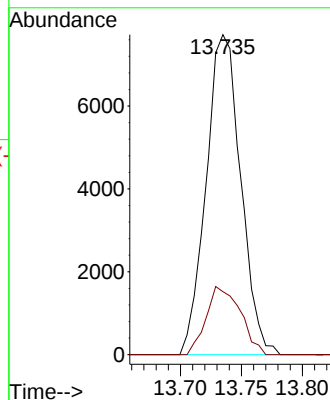
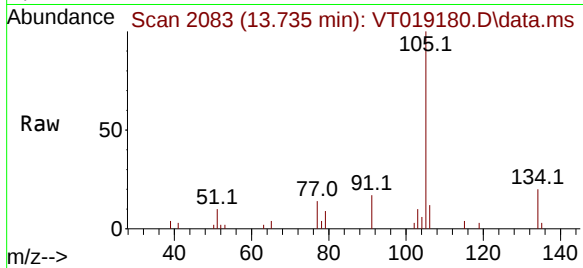




#81
 sec-Butylbenzene
 Concen: 2.439 ug/l
 RT: 13.735 min Scan# 2083
 Delta R.T. -0.029 min
 Lab File: VT019180.D
 Acq: 24 Oct 2025 15:29

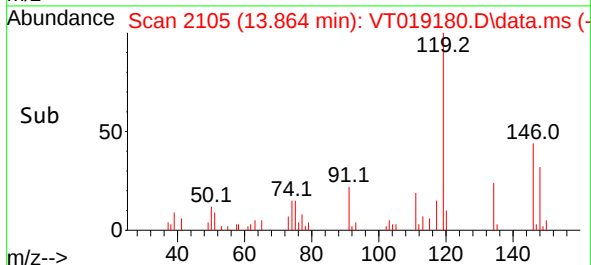
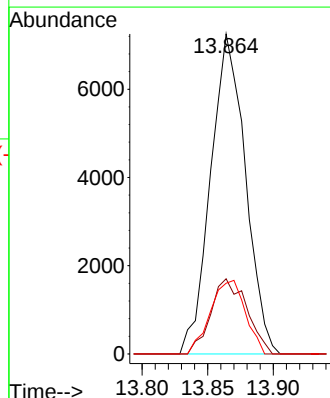
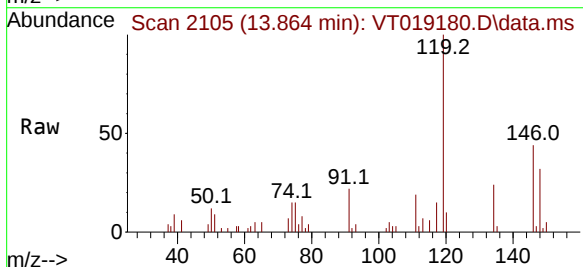
Instrument :
 MSVOA_T
 ClientSampleId :
 MDL05

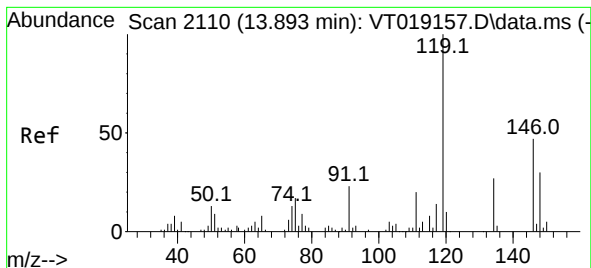
Tgt Ion:105 Resp: 15240
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 2.575 ug/l
 RT: 13.864 min Scan# 2105
 Delta R.T. -0.029 min
 Lab File: VT019180.D
 Acq: 24 Oct 2025 15:29

Tgt Ion:119 Resp: 13385
 Ion Ratio Lower Upper
 119 100
 134 24.3 0.0 50.8
 91 23.0 0.0 51.0





#83

1,3-Dichlorobenzene

Concen: 2.481 ug/l

RT: 13.870 min Scan# 2110

Delta R.T. -0.023 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

MDL05

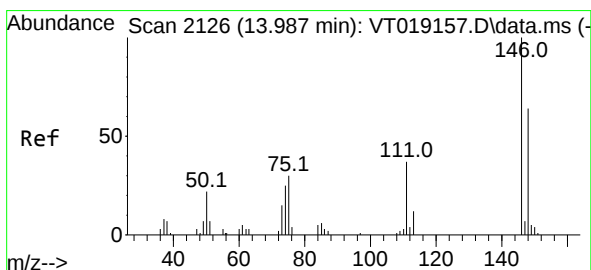
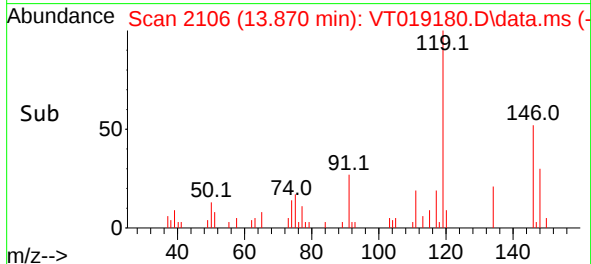
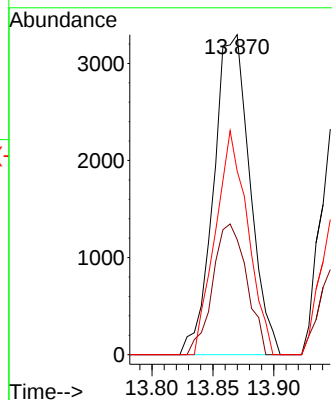
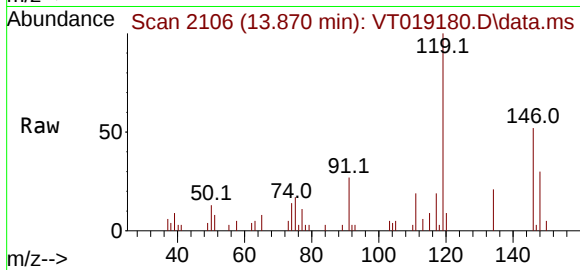
Tgt Ion:146 Resp: 6810

Ion Ratio Lower Upper

146 100

111 38.3 20.7 62.1

148 62.6 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 2.369 ug/l

RT: 13.958 min Scan# 2121

Delta R.T. -0.023 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

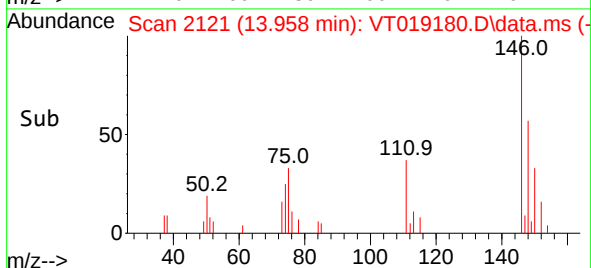
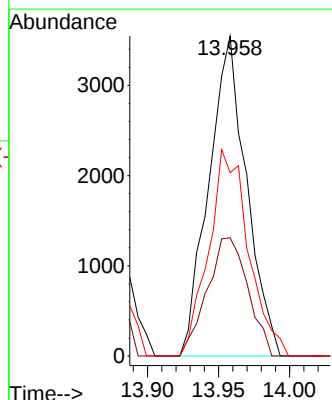
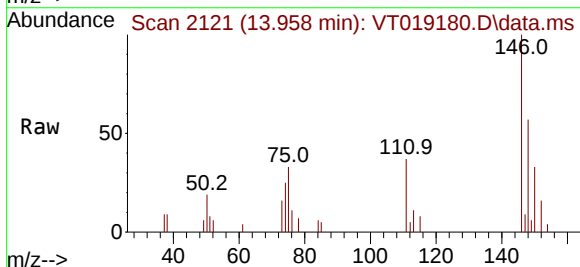
Tgt Ion:146 Resp: 6545

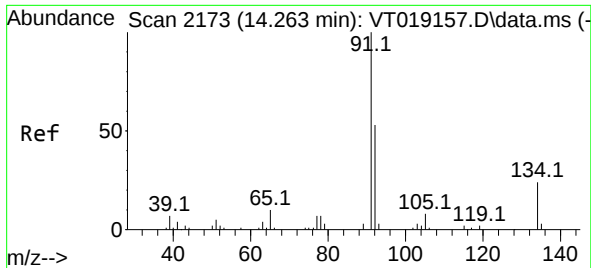
Ion Ratio Lower Upper

146 100

111 39.9 20.4 61.3

148 68.1 32.3 96.8

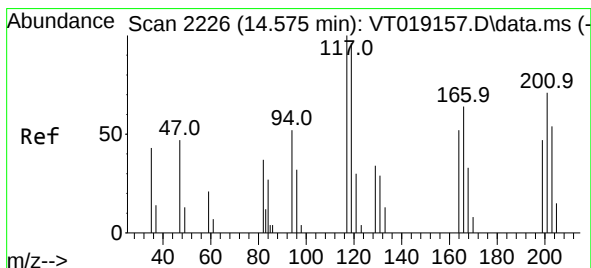
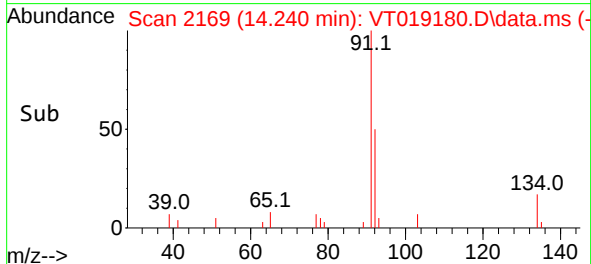
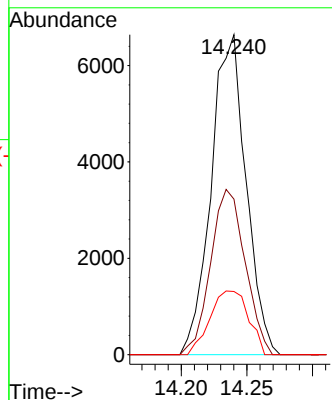
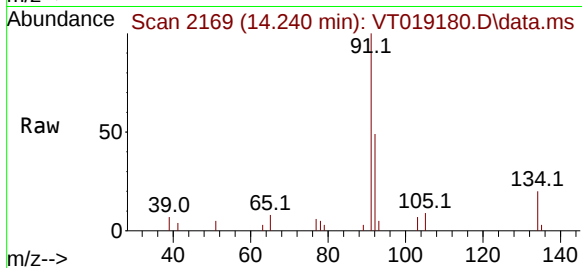




#85
n-Butylbenzene
Concen: 2.576 ug/l
RT: 14.240 min Scan# 2173
Delta R.T. -0.023 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

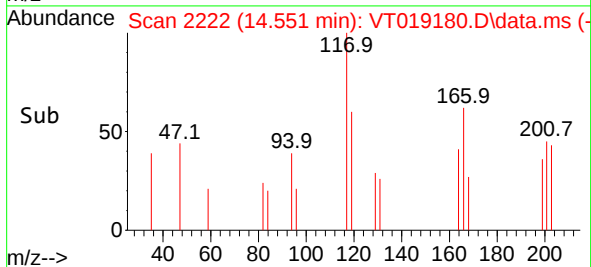
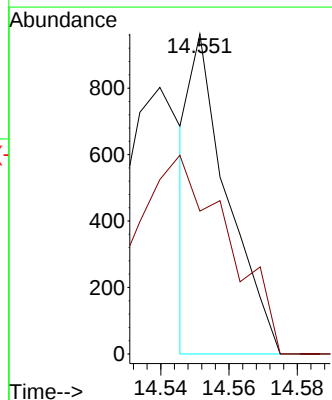
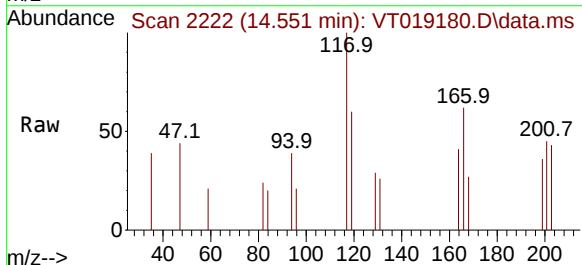
Instrument :
MSVOA_T
ClientSampleId :
MDL05

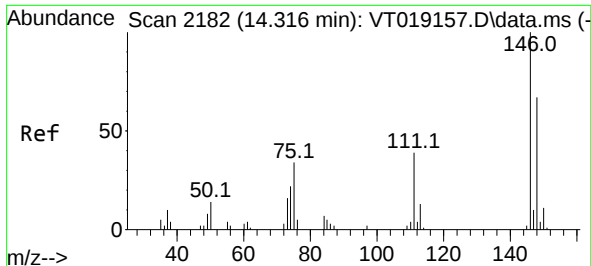
Tgt Ion: 91 Resp: 12256
Ion Ratio Lower Upper
91 100
92 51.3 0.0 107.8
134 22.0 0.0 50.0



#86
Hexachloroethane
Concen: 1.024 ug/l
RT: 14.551 min Scan# 2222
Delta R.T. -0.024 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion: 117 Resp: 713
Ion Ratio Lower Upper
117 100
201 163.4 0.5 1.5#





#87

1,2-Dichlorobenzene

Concen: 2.420 ug/l

RT: 14.293 min Scan# 2182

Delta R.T. -0.023 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

Instrument :

MSVOA_T

ClientSampleId :

MDL05

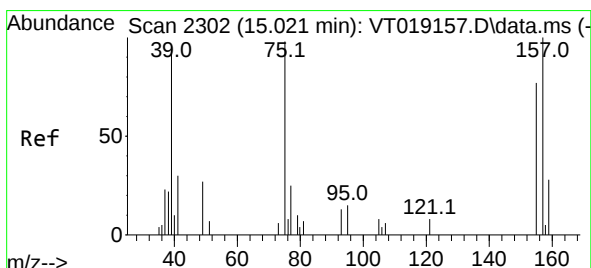
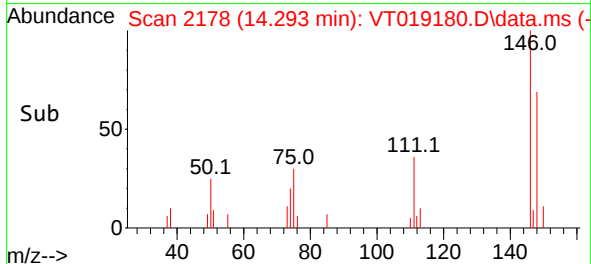
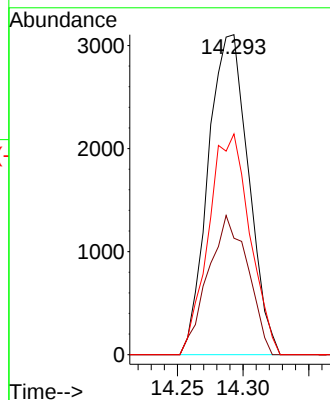
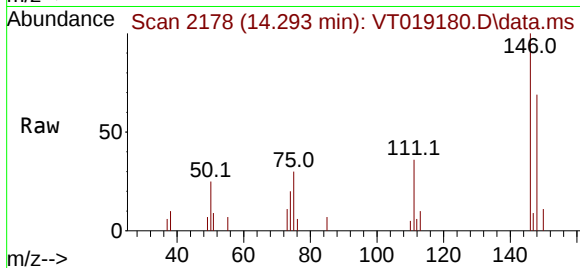
Tgt Ion:146 Resp: 6634

Ion Ratio Lower Upper

146 100

111 43.0 21.8 65.3

148 70.7 32.4 97.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 1.370 ug/l

RT: 14.986 min Scan# 2296

Delta R.T. -0.035 min

Lab File: VT019180.D

Acq: 24 Oct 2025 15:29

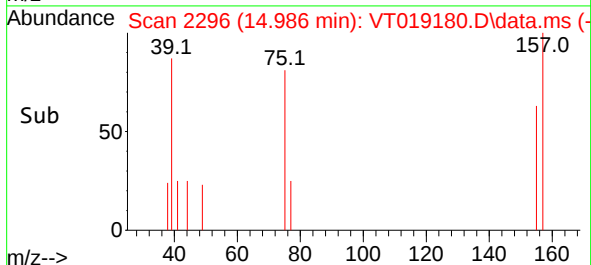
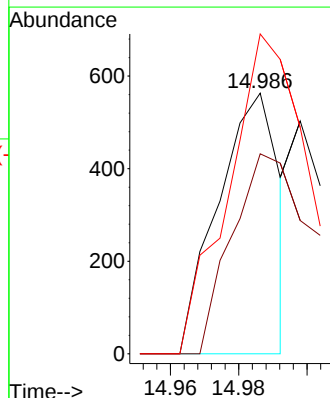
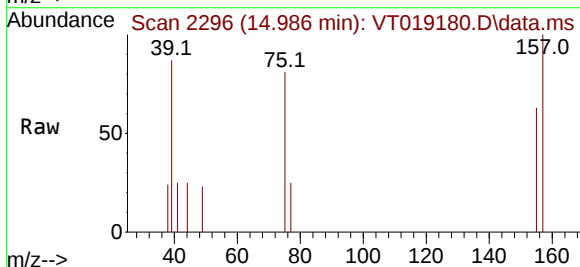
Tgt Ion: 75 Resp: 703

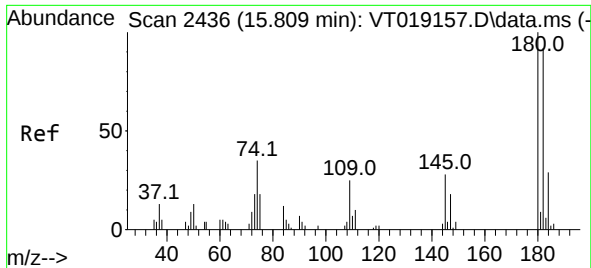
Ion Ratio Lower Upper

75 100

155 103.4 65.4 98.2#

157 163.9 82.0 123.0#

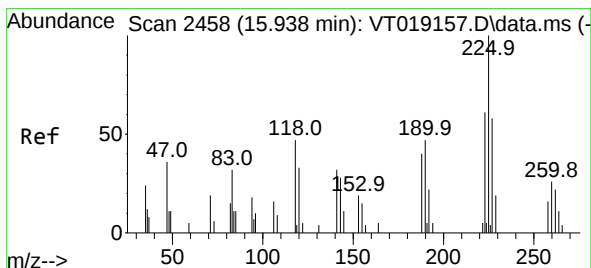
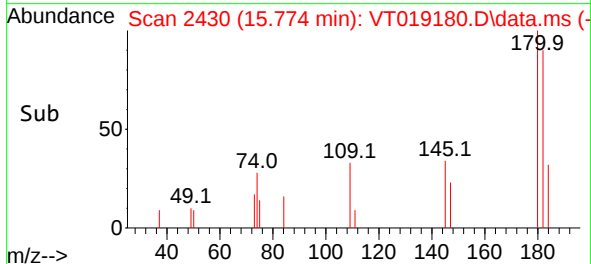
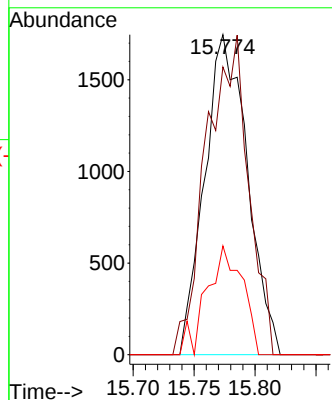
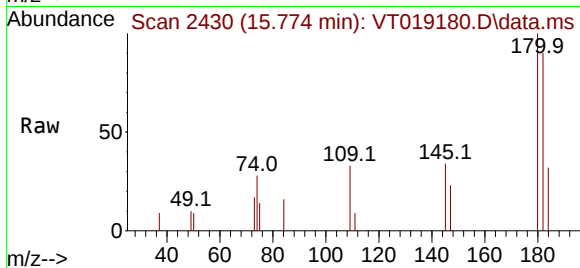




#89
1,2,4-Trichlorobenzene
Concen: 2.547 ug/l
RT: 15.774 min Scan# 2436
Delta R.T. -0.035 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

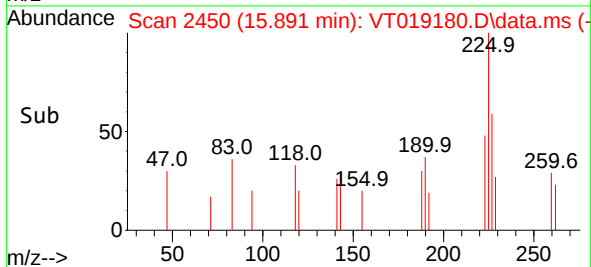
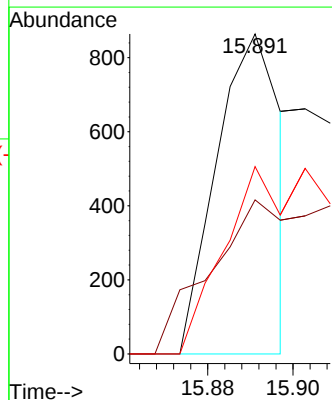
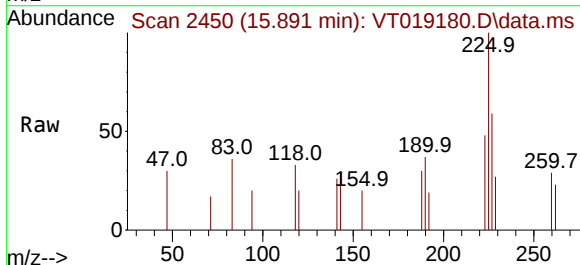
Instrument :
MSVOA_T
ClientSampleId :
MDL05

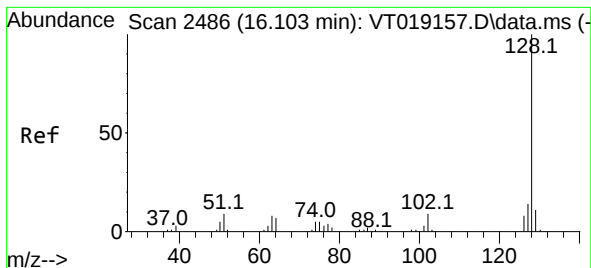
Tgt Ion:180 Resp: 4251
Ion Ratio Lower Upper
180 100
182 98.8 78.2 117.2
145 21.0 26.5 39.7#



#90
Hexachlorobutadiene
Concen: 1.652 ug/l
RT: 15.891 min Scan# 2450
Delta R.T. -0.047 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion:225 Resp: 914
Ion Ratio Lower Upper
225 100
223 55.5 0.0 73.8
227 53.2 0.0 130.6

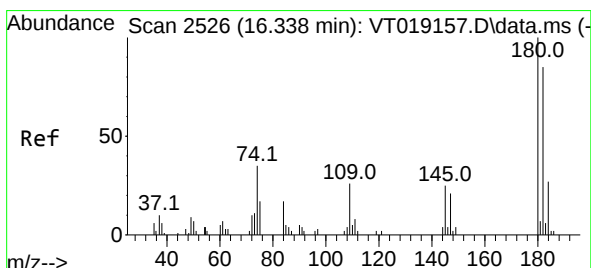
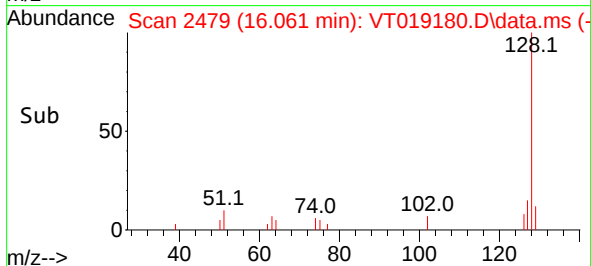
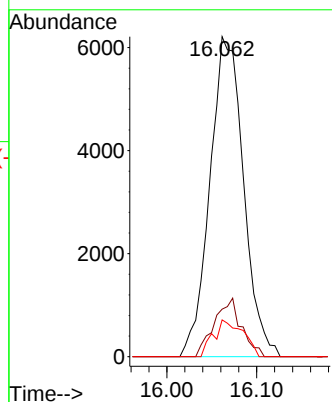
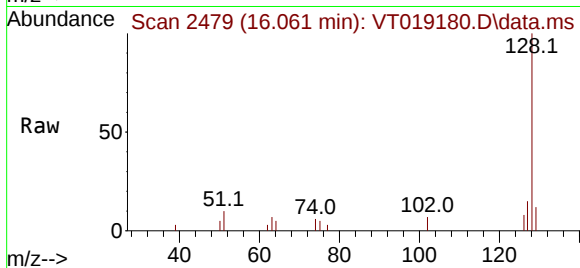




#91
Naphthalene
Concen: 2.502 ug/l
RT: 16.061 min Scan# 2486
Delta R.T. -0.036 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Instrument :
MSVOA_T
ClientSampleId :
MDL05

Tgt Ion:128 Resp: 16141
Ion Ratio Lower Upper
128 100
127 14.8 10.3 15.5
129 7.7 9.0 13.4#



#92
1,2,3-Trichlorobenzene
Concen: 1.650 ug/l
RT: 16.297 min Scan# 2519
Delta R.T. -0.041 min
Lab File: VT019180.D
Acq: 24 Oct 2025 15:29

Tgt Ion:180 Resp: 2780
Ion Ratio Lower Upper
180 100
182 144.8 0.0 189.0
145 26.7 0.0 69.2

