

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020425\
 Data File : VD080239.D
 Acq On : 04 Feb 2025 16:33
 Operator : RP/MD
 Sample : Q1277-01
 Misc : 5.04G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 05 00:43:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	2626	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	4070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	4478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	5037	147.457	ug/l	-0.01
Spiked Amount 50.000	Range 50	- 163	Recovery	=	294.920	%#
35) Dibromofluoromethane	7.793	113	2322	80.498	ug/l	-0.02
Spiked Amount 50.000	Range 54	- 147	Recovery	=	161.000	%#
50) Toluene-d8	10.269	98	4478	41.862	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	83.720	%
62) 4-Bromofluorobenzene	12.581	95	1795	52.298	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	104.600	%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.658	85	78	Below Cal	#	43
3) Chloromethane	2.164	50	488	8.921	ug/l #	41
4) Vinyl Chloride	2.299	62	68	1.028	ug/l #	44
5) Bromomethane	2.687	94	1166	27.074	ug/l #	70
6) Chloroethane	2.805	64	56	1.270	ug/l #	45
8) Diethyl Ether	3.746	74	65	4.332	ug/l	98
10) Methyl Iodide	4.158	142	405	18.901	ug/l #	40
11) Tert butyl alcohol	5.040	59	173	91.685	ug/l #	75
12) 1,1-Dichloroethene	3.787	96	77	2.561	ug/l #	1
13) Acrolein	3.799	56	60	16.864	ug/l #	13
14) Allyl chloride	4.552	41	56	1.208	ug/l #	1
15) Acrylonitrile	5.246	53	163	22.613	ug/l #	78
16) Acetone	4.017	43	136	24.704	ug/l #	38
18) Methyl Acetate	4.569	43	149	8.021	ug/l #	51
21) trans-1,2-Dichloroethene	5.046	96	53	1.551	ug/l #	1
25) 2-Butanone	7.063	43	273	31.971	ug/l #	50
26) 2,2-Dichloropropane	7.058	77	157	2.863	ug/l #	53
27) cis-1,2-Dichloroethene	7.269	96	88	2.280	ug/l #	66
28) Bromochloromethane	7.422	49	63	2.184	ug/l #	16
29) Tetrahydrofuran	7.452	42	244	43.628	ug/l #	54
30) Chloroform	7.646	83	69	1.067	ug/l #	16
31) Cyclohexane	7.881	56	60	1.186	ug/l #	5
36) 1,1-Dichloropropene	8.122	75	57	1.380	ug/l #	42
37) Ethyl Acetate	7.181	43	192	9.477	ug/l #	55
38) Carbon Tetrachloride	7.863	117	206	4.774	ug/l #	10
41) Methacrylonitrile	7.393	41	200	17.935	ug/l #	44
42) 1,2-Dichloroethane	8.328	62	55	1.492	ug/l #	75
43) Isopropyl Acetate	8.387	43	213	5.924	ug/l #	82
45) 1,2-Dichloropropane	9.293	63	183	5.618	ug/l #	44
46) Dibromomethane	9.416	93	75	4.133	ug/l #	4
47) Bromodichloromethane	9.710	83	58	1.267	ug/l #	23
48) Methyl methacrylate	9.375	41	81	4.868	ug/l #	1
49) 1,4-Dioxane	9.122	88	84	425.485	ug/l #	1
51) 4-Methyl-2-Pentanone	10.169	43	201	11.055	ug/l	92
53) t-1,3-Dichloropropene	10.546	75	60	1.538	ug/l #	46
54) cis-1,3-Dichloropropene	9.846	75	64	1.349	ug/l #	37

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:44:14 2025
 Response via : Initial Calibration

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

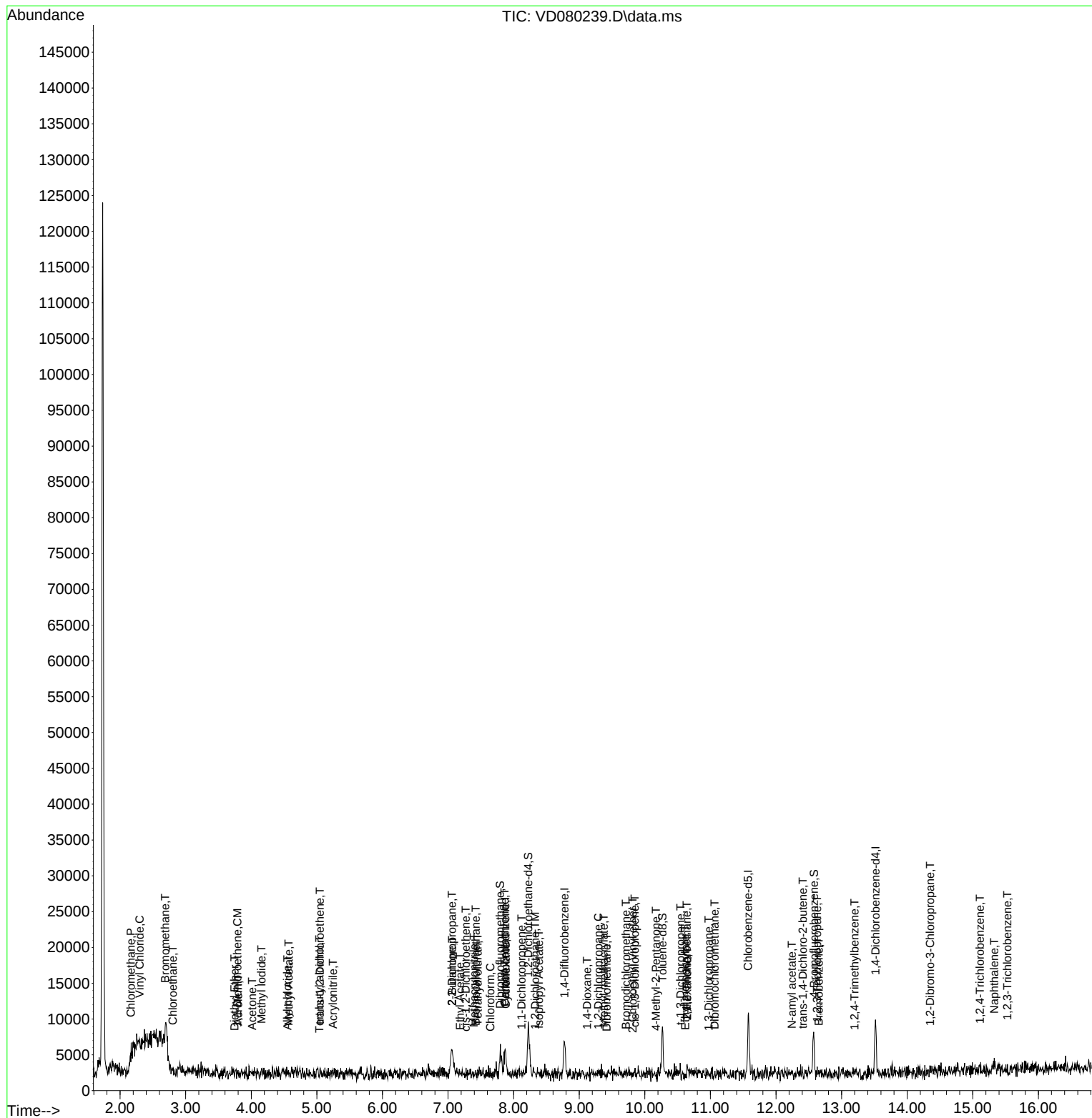
55) 1,1,2-Trichloroethane	10.640	97	57	2.417	ug/l #	12
56) Ethyl methacrylate	10.616	69	129	4.795	ug/l #	12
57) 1,3-Dichloropropane	10.975	76	97	2.487	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.816	63	57	4.964	ug/l #	49
59) 2-Hexanone	10.646	43	148	12.405	ug/l	75
60) Dibromochloromethane	11.063	129	57	1.961	ug/l #	11
74) N-amyl acetate	12.240	43	80	2.125	ug/l #	42
76) 1,2,3-Trichloropropane	12.628	75	73	3.409	ug/l #	100
77) Bromobenzene	12.651	156	56	1.516	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.410	75	70	6.684	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.198	105	128	1.050	ug/l #	32
92) 1,2-Dibromo-3-Chloropr...	14.351	75	126	26.579	ug/l #	3
93) 1,2,4-Trichlorobenzene	15.110	180	70	1.713	ug/l #	12
95) Naphthalene	15.328	128	1758	26.868	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.528	180	60	1.627	ug/l #	13

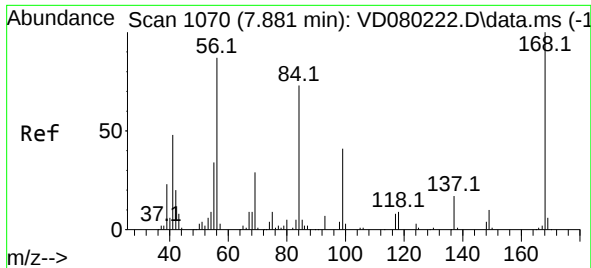
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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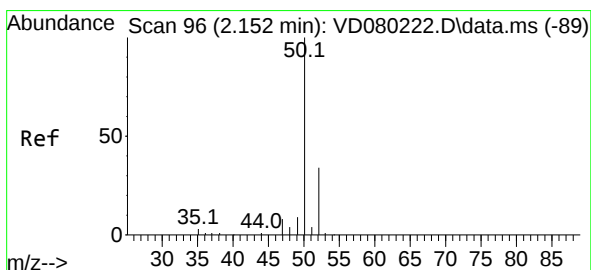
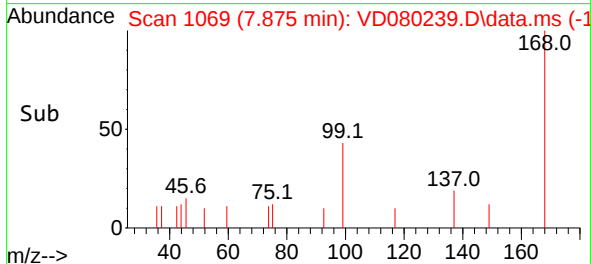
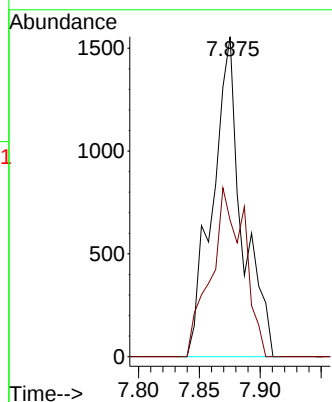
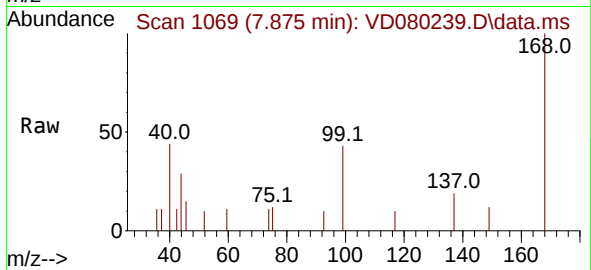




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

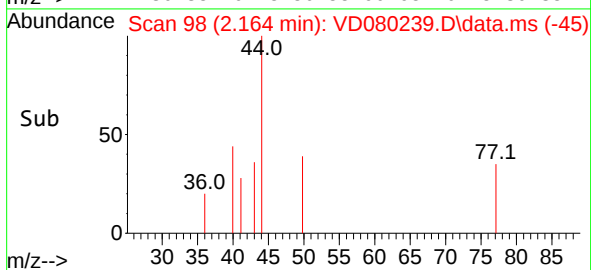
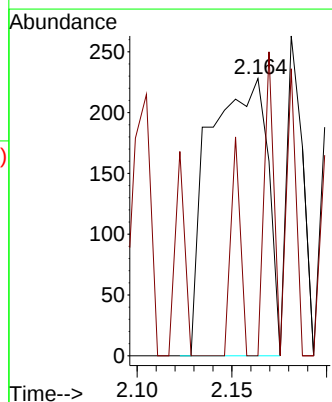
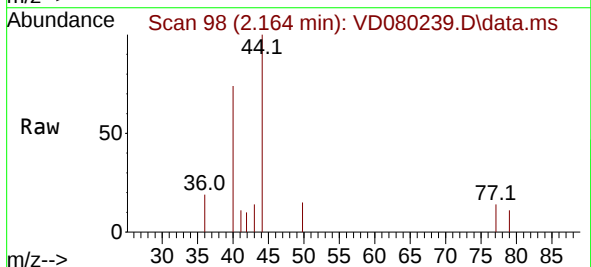
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MSVOA_D
ClientSampleId :

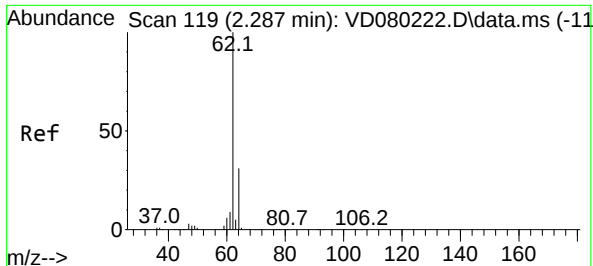
Tgt Ion:168 Resp: 2626
Ion Ratio Lower Upper
168 100
99 42.6 44.4 66.6#



#3
Chloromethane
Concen: 8.921 ug/l
RT: 2.164 min Scan# 98
Delta R.T. 0.012 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

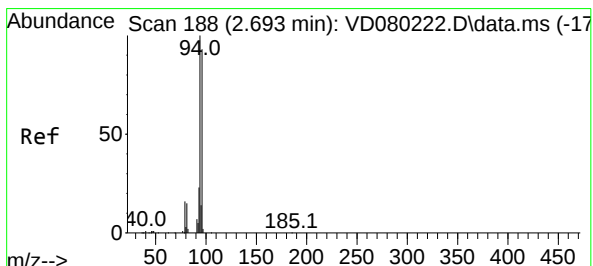
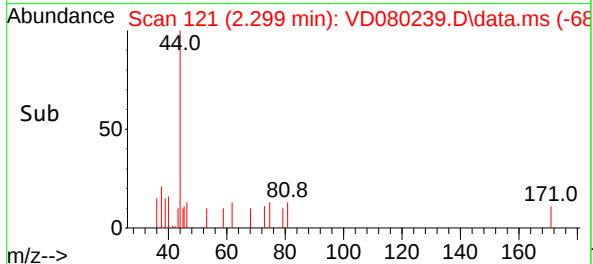
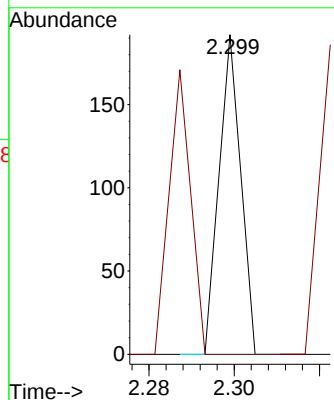
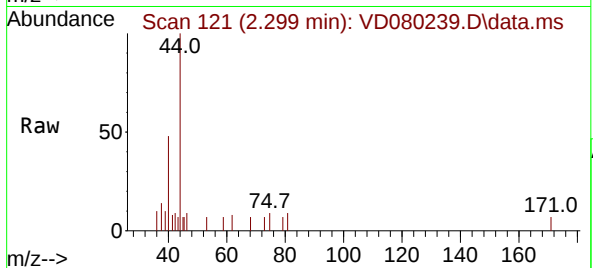




#4
 Vinyl Chloride
 Concen: 1.028 ug/l
 RT: 2.299 min Scan# 119
 Delta R.T. 0.012 min
 Lab File: VD080239.D
 Acq: 04 Feb 2025 16:33

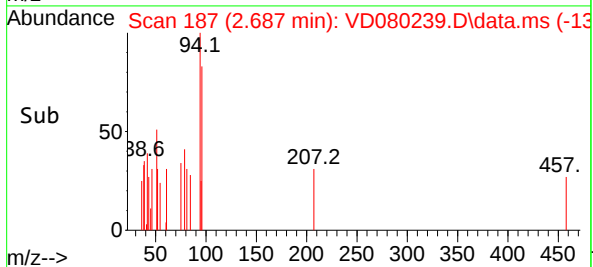
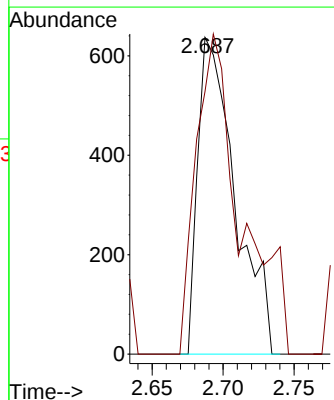
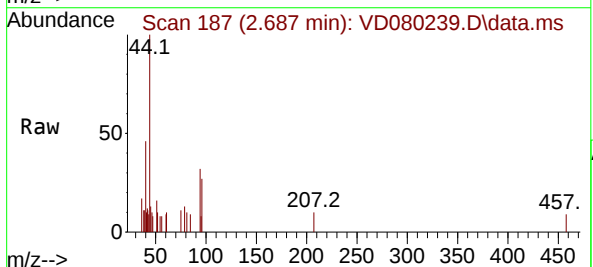
Instrument :
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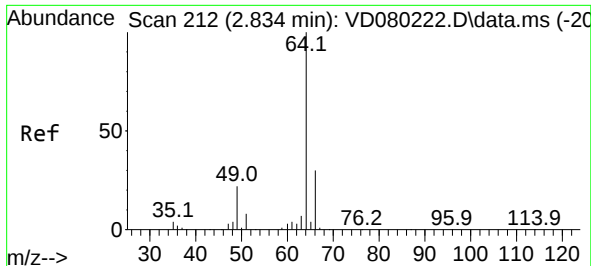
Tgt Ion: 62 Resp: 68
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.8 37.2#



#5
 Bromomethane
 Concen: 27.074 ug/l
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD080239.D
 Acq: 04 Feb 2025 16:33

Tgt Ion: 94 Resp: 1166
 Ion Ratio Lower Upper
 94 100
 96 122.0 74.4 111.6#

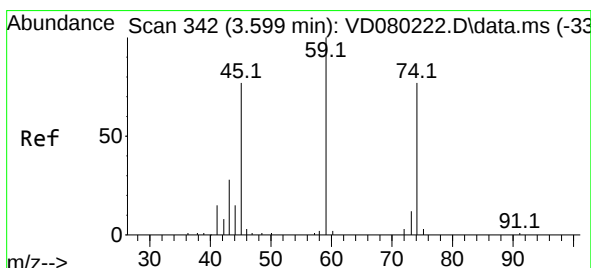
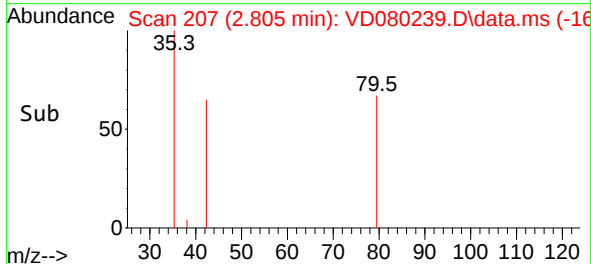
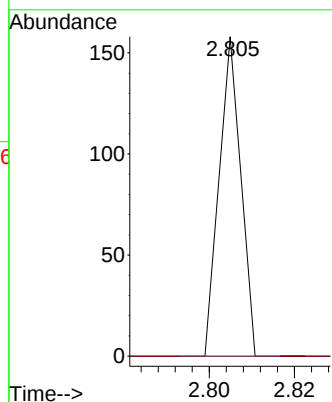
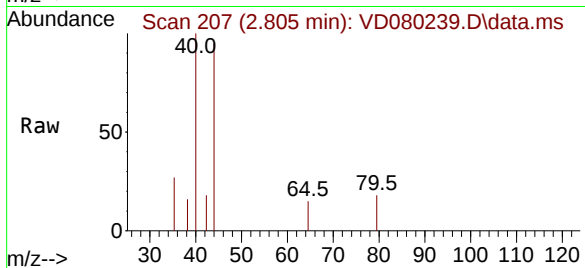




#6
Chloroethane
Concen: 1.270 ug/l
RT: 2.805 min Scan# 20
Delta R.T. -0.029 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

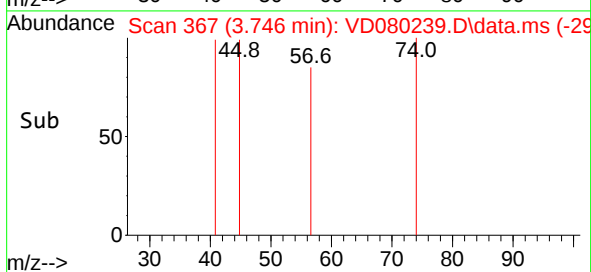
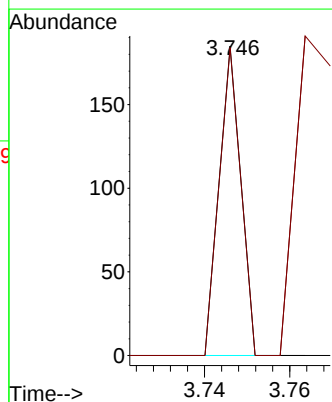
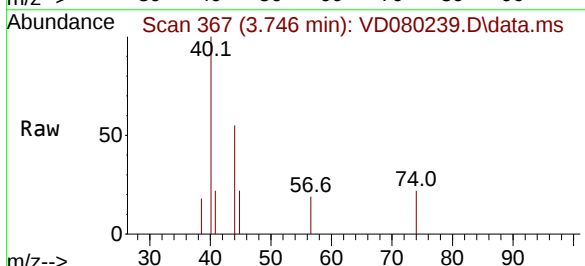
Instrument :
MSVOA_D
ClientSampleId :

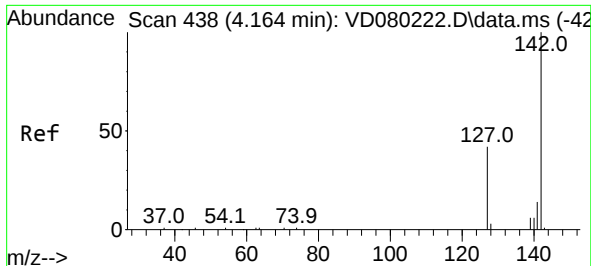
Tgt Ion: 64 Resp: 56
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#8
Diethyl Ether
Concen: 4.332 ug/l
RT: 3.746 min Scan# 367
Delta R.T. 0.147 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion: 74 Resp: 65
Ion Ratio Lower Upper
74 100
45 100.0 51.0 153.1

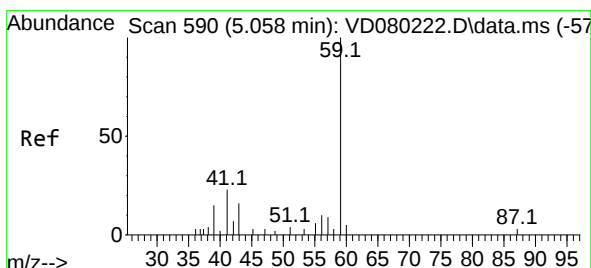
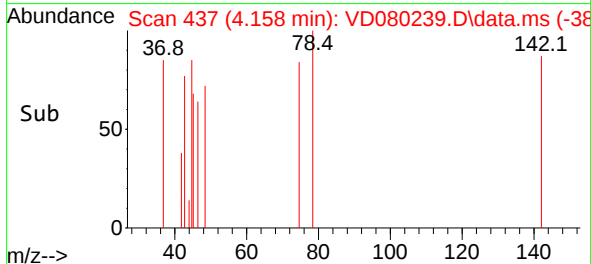
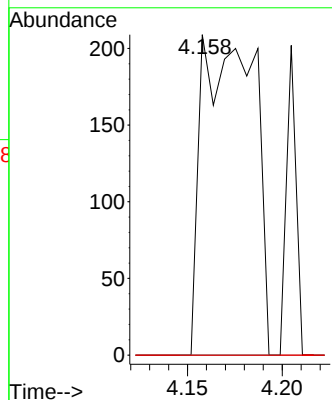
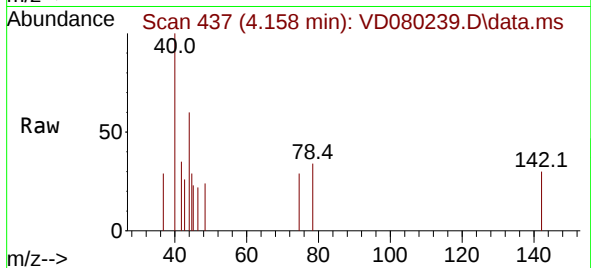




#10
Methyl Iodide
Concen: 18.901 ug/l
RT: 4.158 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

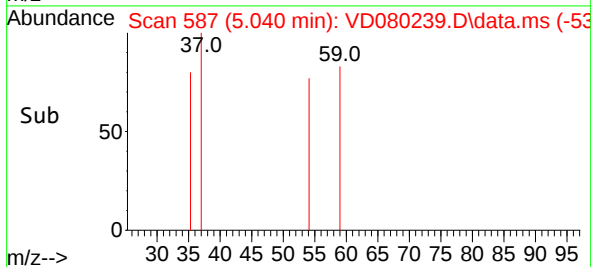
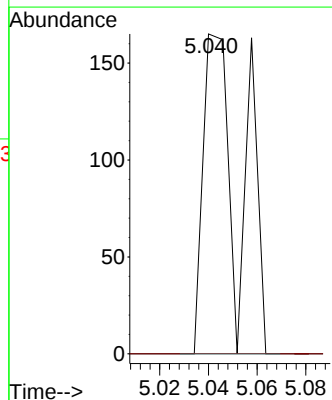
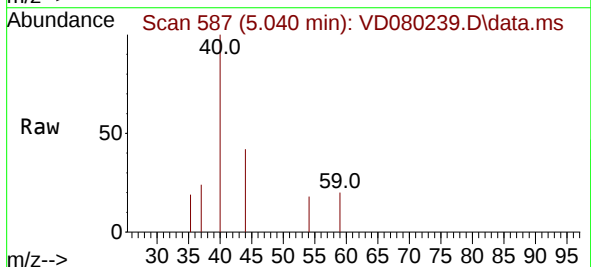
Instrument :
MSVOA_D
ClientSampleId :

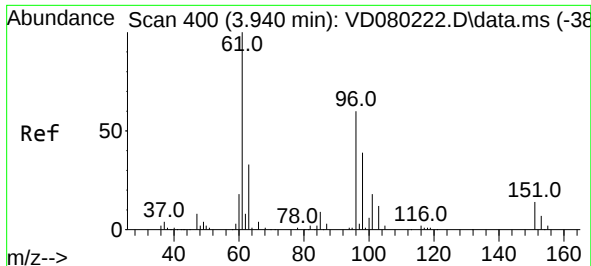
Tgt Ion:142 Resp: 405
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.2#
141 0.0 12.6 18.8#



#11
Tert butyl alcohol
Concen: 91.685 ug/l
RT: 5.040 min Scan# 587
Delta R.T. -0.018 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion: 59 Resp: 173
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#12

1,1-Dichloroethene

Concen: 2.561 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.153 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

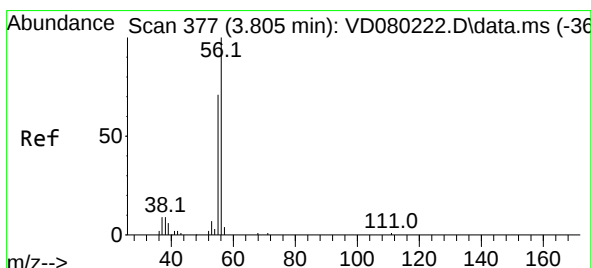
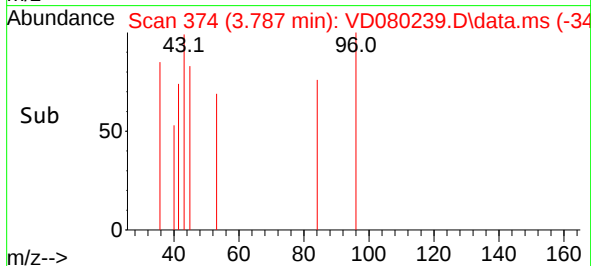
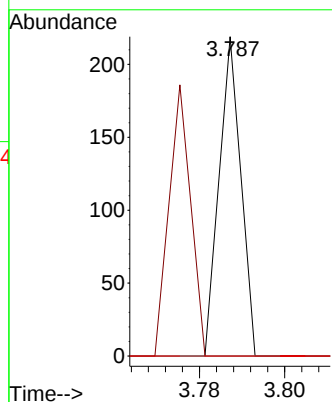
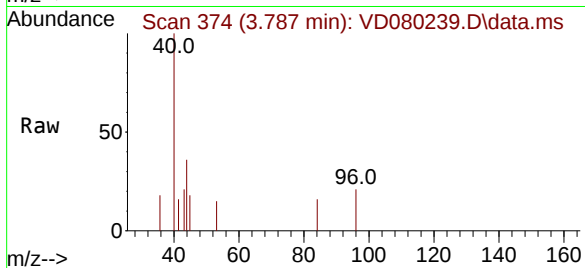
Tgt Ion: 96 Resp: 77

Ion Ratio Lower Upper

96 100

61 0.0 133.8 200.6#

98 0.0 52.2 78.2#



#13

Acrolein

Concen: 16.864 ug/l

RT: 3.799 min Scan# 376

Delta R.T. -0.006 min

Lab File: VD080239.D

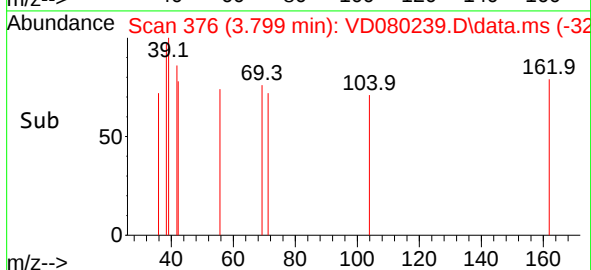
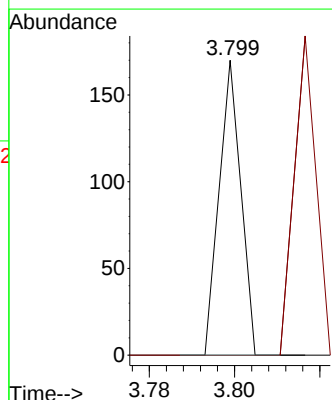
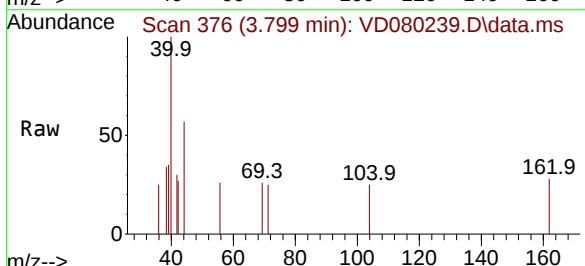
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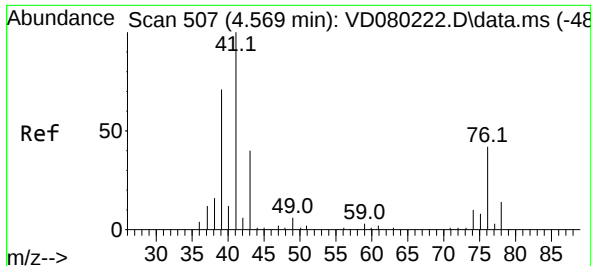
Tgt Ion: 56 Resp: 60

Ion Ratio Lower Upper

56 100

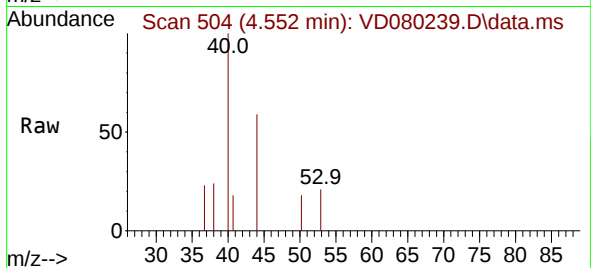
55 0.0 57.8 86.8#



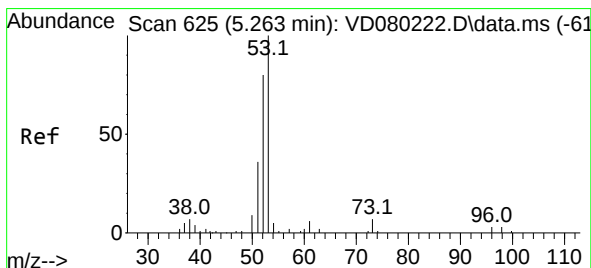
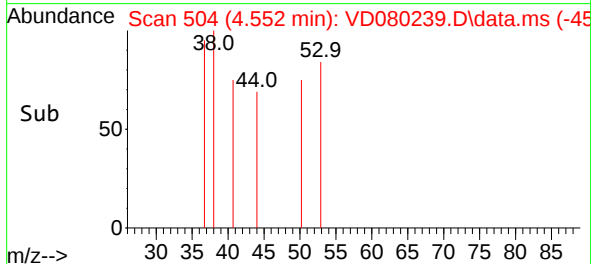
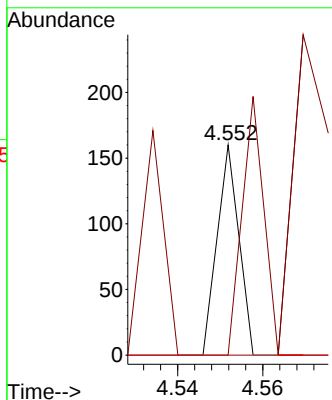


#14
Allyl chloride
Concen: 1.208 ug/l
RT: 4.552 min Scan# 50
Delta R.T. -0.018 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

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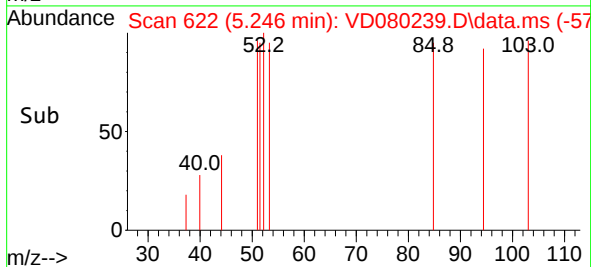
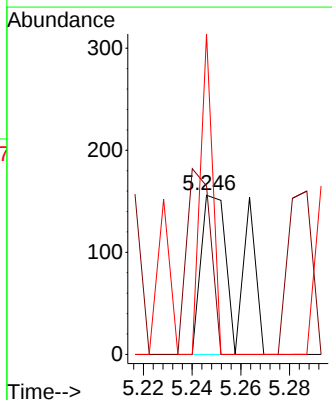
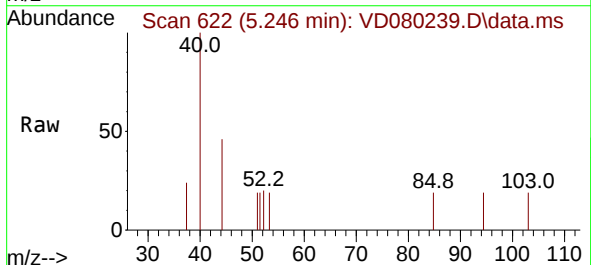


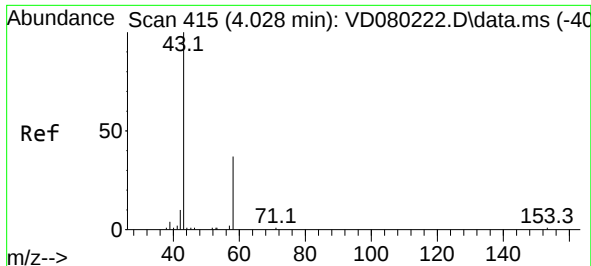
Tgt Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
39 383.9 55.0 82.4#
76 0.0 31.0 46.4#



#15
Acrylonitrile
Concen: 22.613 ug/l
RT: 5.246 min Scan# 622
Delta R.T. -0.018 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion: 53 Resp: 163
Ion Ratio Lower Upper
53 100
52 74.8 65.9 98.9
51 68.1 30.1 45.1#

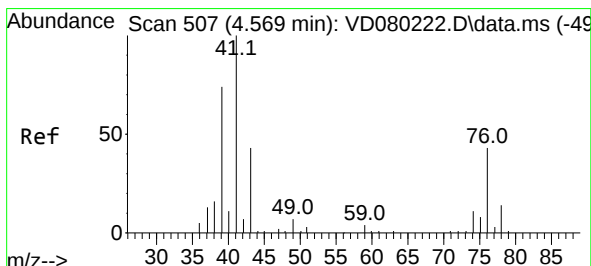
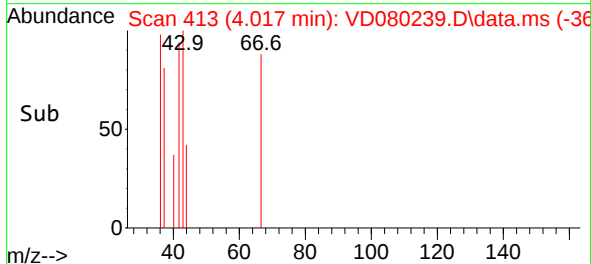
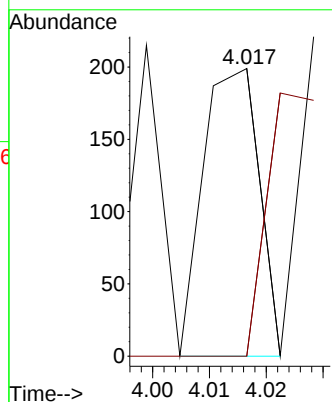
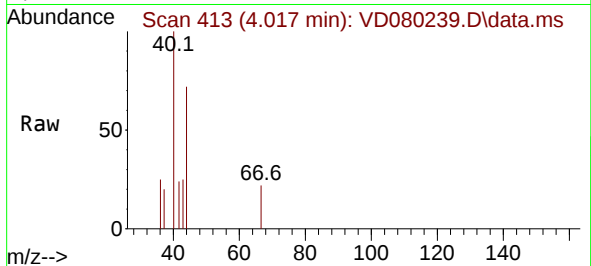




#16
Acetone
Concen: 24.704 ug/l
RT: 4.017 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

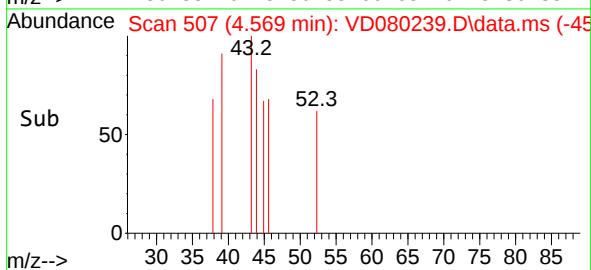
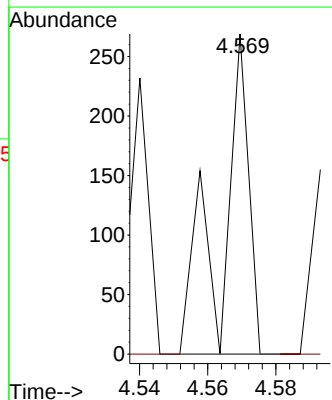
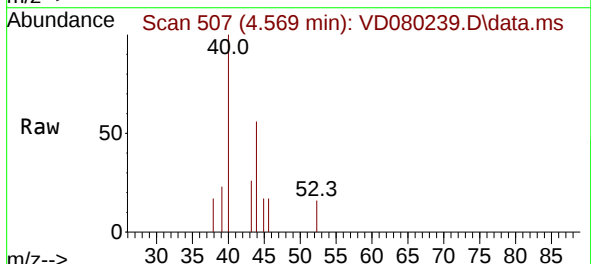
Instrument :
MSVOA_D
ClientSampleId :

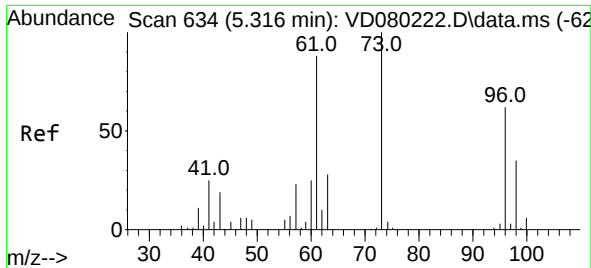
Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#



#18
Methyl Acetate
Concen: 8.021 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

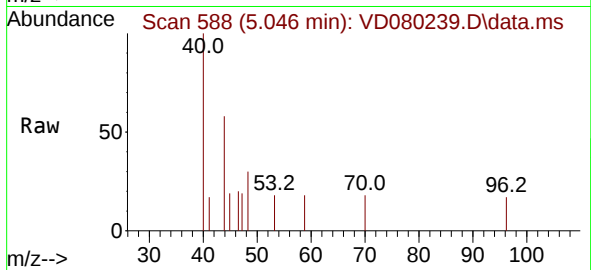
Tgt Ion: 43 Resp: 149
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



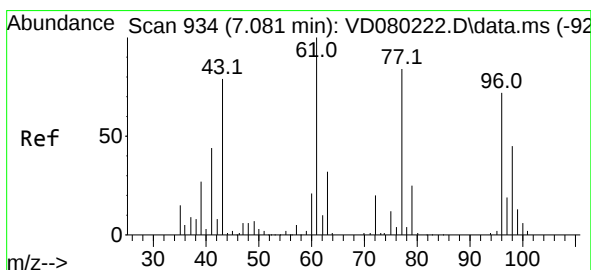
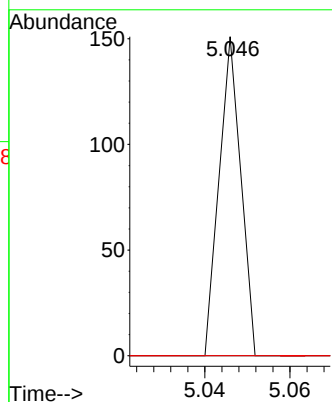
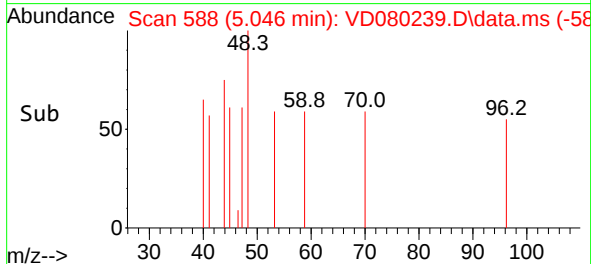


#21
trans-1,2-Dichloroethene
Concen: 1.551 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.271 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :

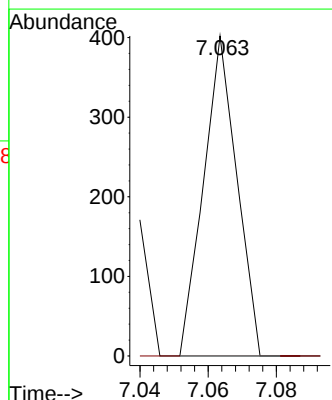
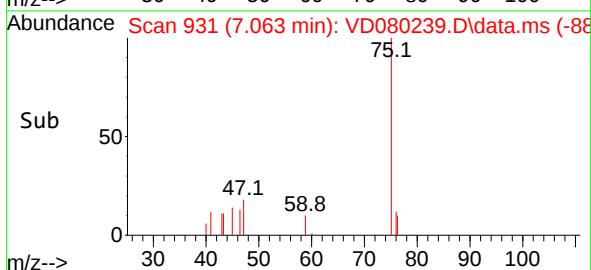
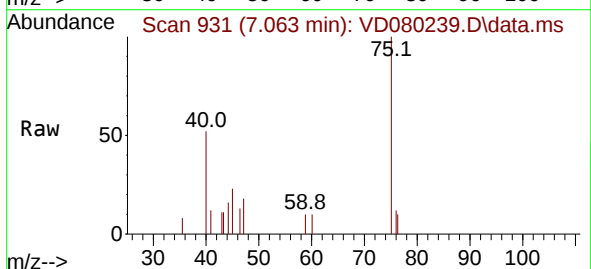


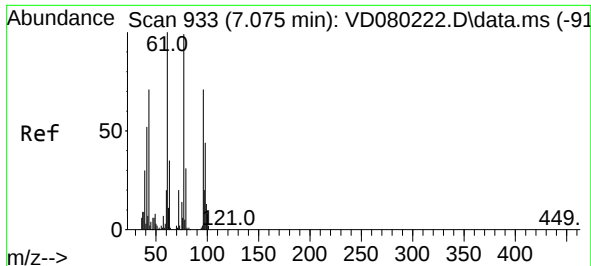
Tgt Ion: 96 Resp: 53
Ion Ratio Lower Upper
96 100
61 0.0 113.7 170.5#
98 0.0 45.4 68.2#



#25
2-Butanone
Concen: 31.971 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.018 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion: 43 Resp: 273
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#





#26

2,2-Dichloropropane

Concen: 2.863 ug/l

RT: 7.058 min Scan# 91

Delta R.T. -0.018 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

Instrument :

MSVOA_D

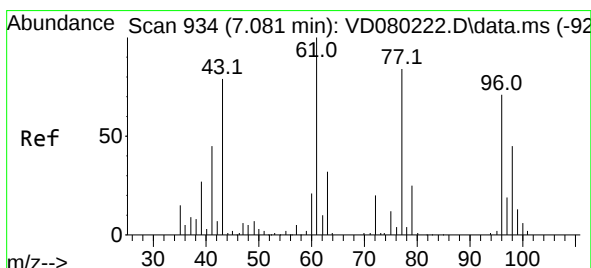
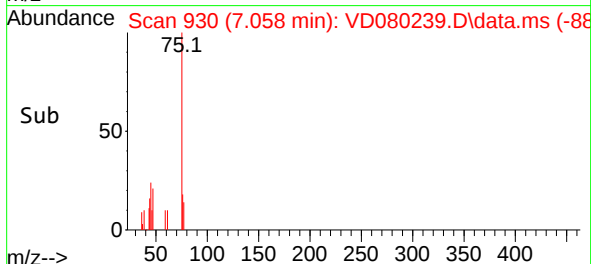
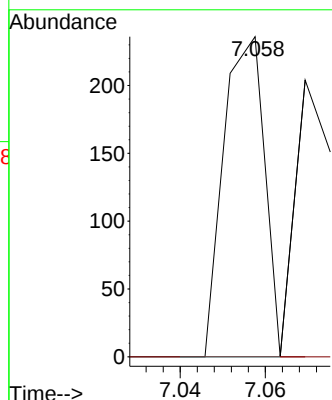
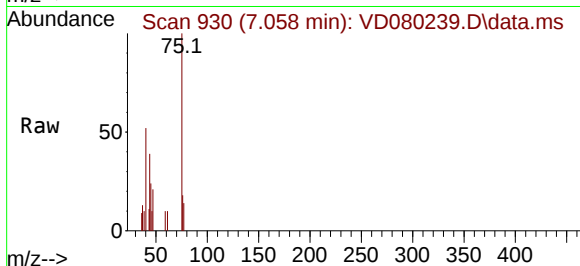
ClientSampleId :

Tgt Ion: 77 Resp: 157

Ion Ratio Lower Upper

77 100

97 0.0 11.3 33.8#



#27

cis-1,2-Dichloroethene

Concen: 2.280 ug/l

RT: 7.269 min Scan# 966

Delta R.T. 0.188 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

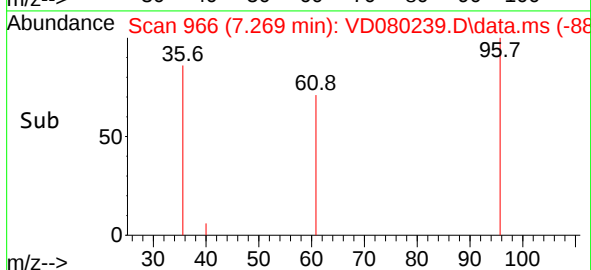
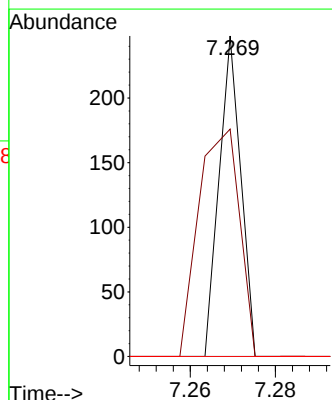
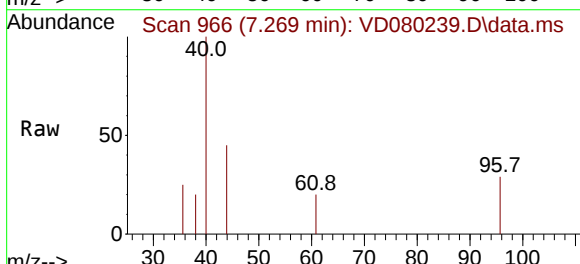
Tgt Ion: 96 Resp: 88

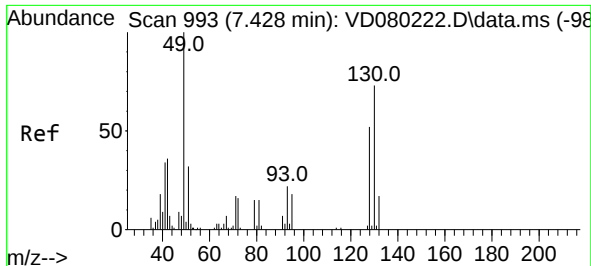
Ion Ratio Lower Upper

96 100

61 133.0 0.0 297.4

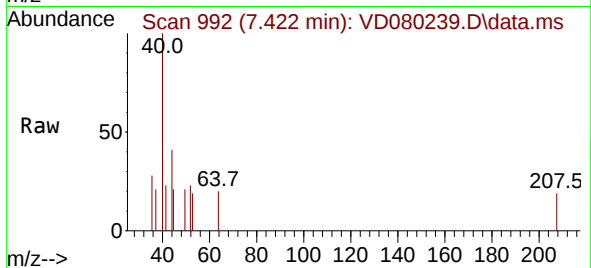
98 0.0 0.0 131.0



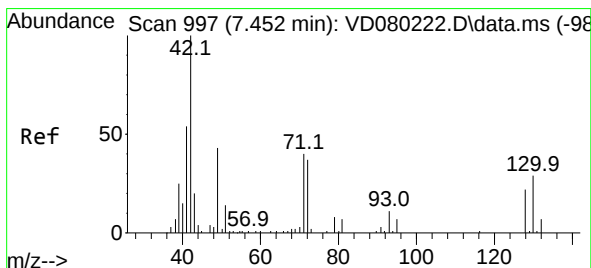
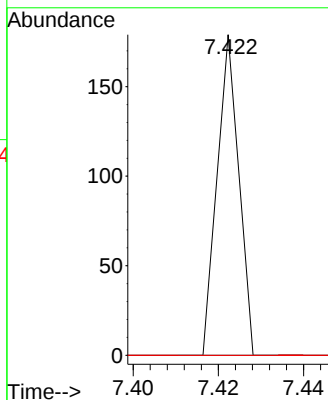
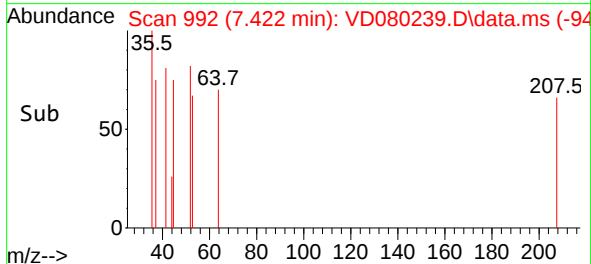


#28
Bromochloromethane
Concen: 2.184 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :

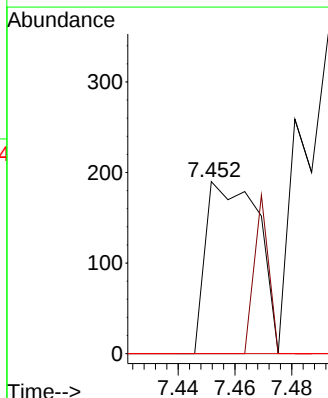
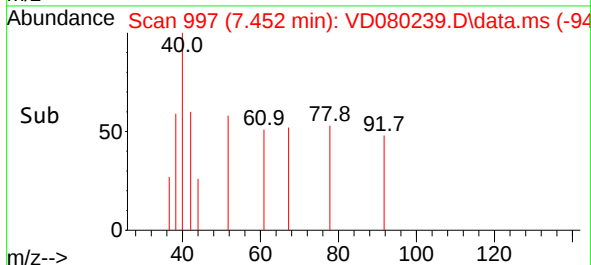
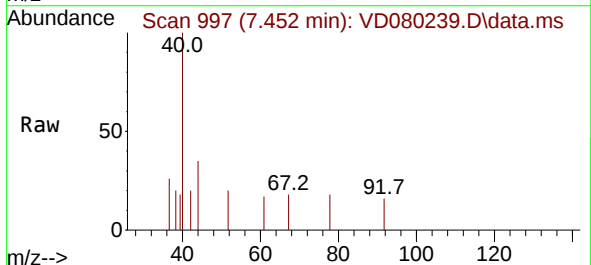


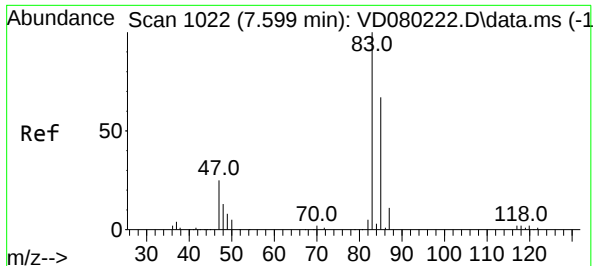
Tgt Ion: 49 Resp: 63
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.8
130 0.0 55.3 82.9#



#29
Tetrahydrofuran
Concen: 43.628 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.000 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion: 42 Resp: 244
Ion Ratio Lower Upper
42 100
72 25.4 33.5 50.3#
71 0.0 32.9 49.3#





#30

Chloroform

Concen: 1.067 ug/l

RT: 7.646 min Scan# 1030

Delta R.T. 0.047 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

Instrument :

MSVOA_D

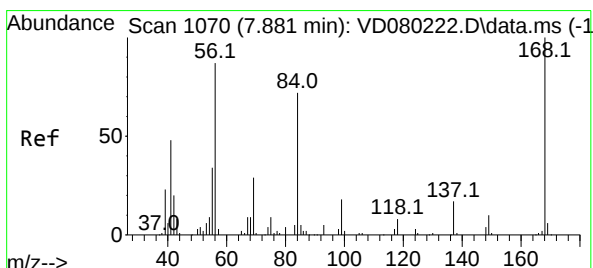
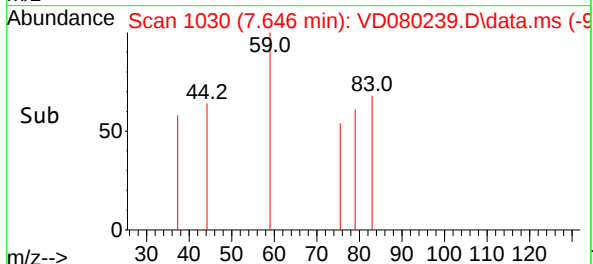
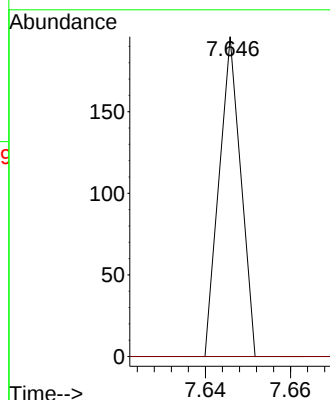
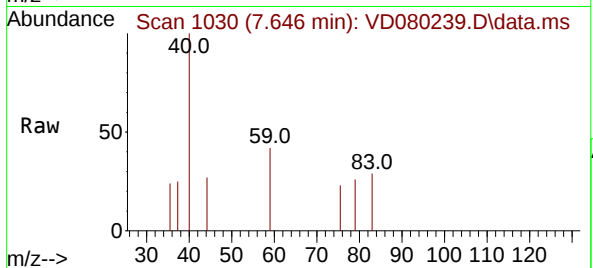
ClientSampleId :

Tgt Ion: 83 Resp: 69

Ion Ratio Lower Upper

83 100

85 0.0 53.7 80.5#



#31

Cyclohexane

Concen: 1.186 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

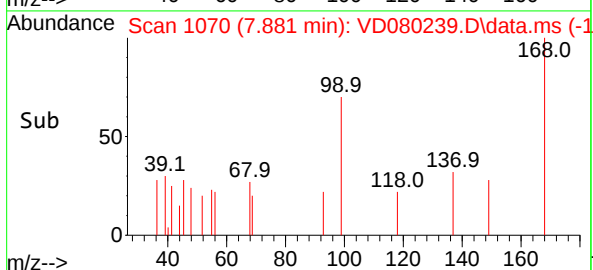
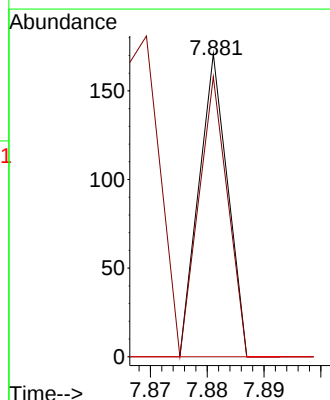
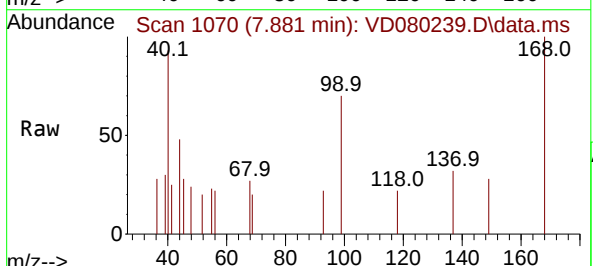
Tgt Ion: 56 Resp: 60

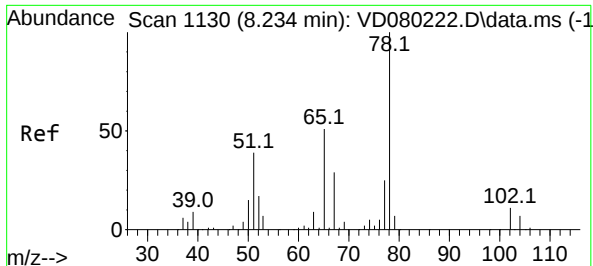
Ion Ratio Lower Upper

56 100

69 92.4 27.0 40.4#

84 0.0 66.3 99.5#





#33

1,2-Dichloroethane-d4

Concen: 147.457 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.012 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

Instrument :

MSVOA_D

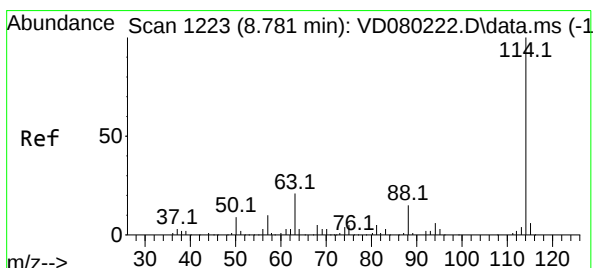
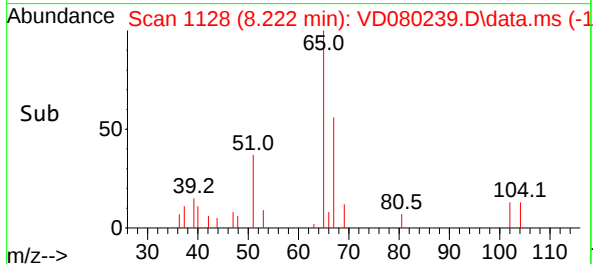
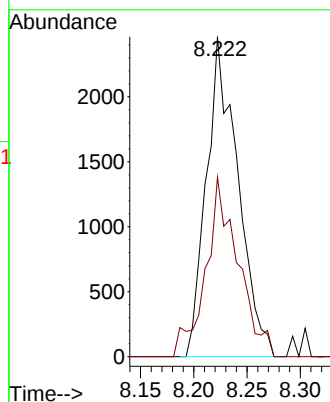
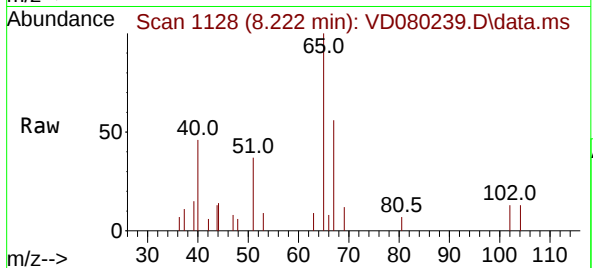
ClientSampleId :

Tgt Ion: 65 Resp: 5037

Ion Ratio Lower Upper

65 100

67 57.7 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

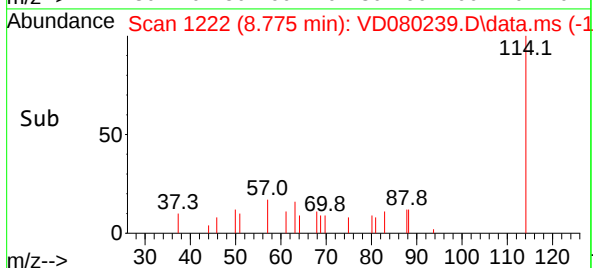
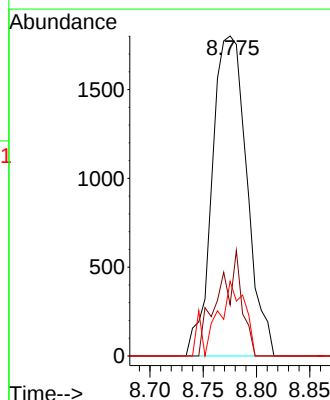
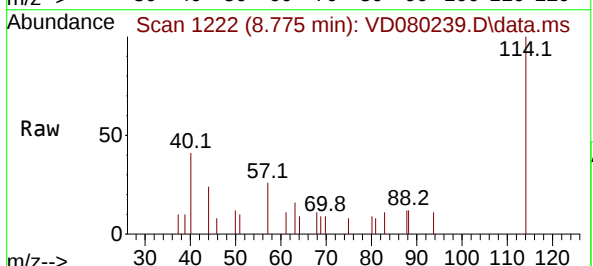
Tgt Ion: 114 Resp: 4070

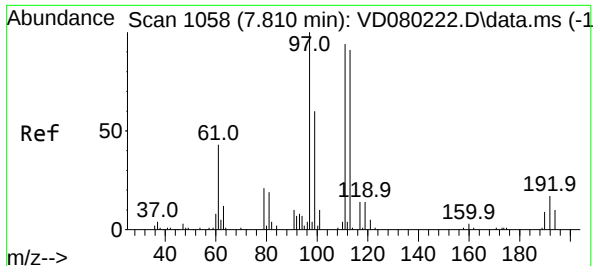
Ion Ratio Lower Upper

114 100

63 16.0 0.0 41.8

88 23.4 0.0 30.4

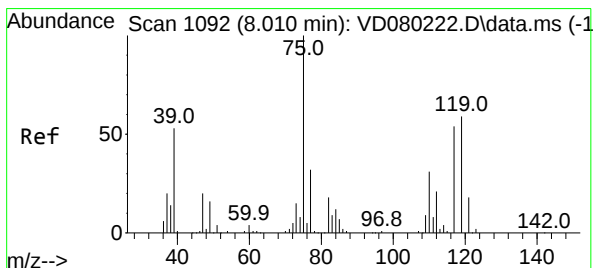
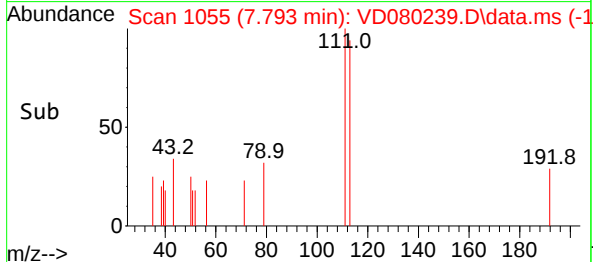
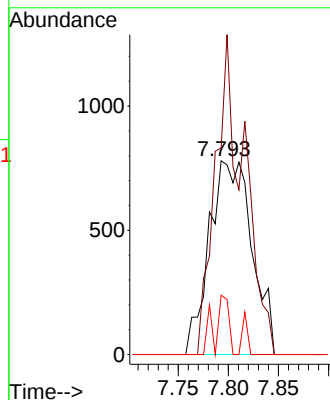
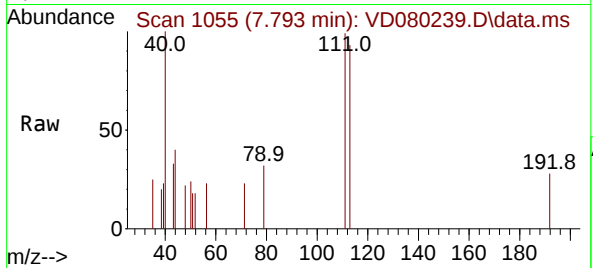




#35
Dibromofluoromethane
Concen: 80.498 ug/l
RT: 7.793 min Scan# 1105
Delta R.T. -0.018 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

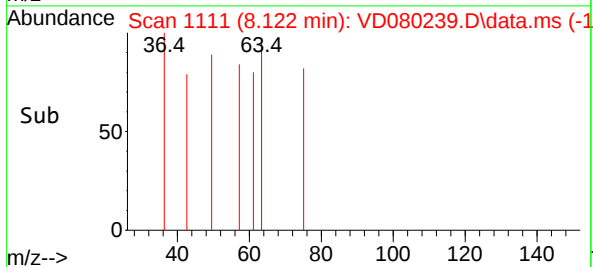
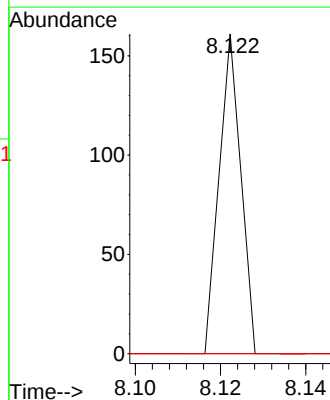
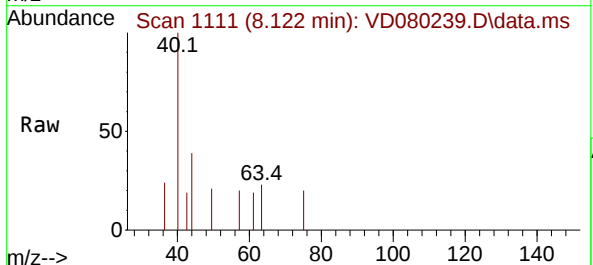
Instrument :
MSVOA_D
ClientSampleId :

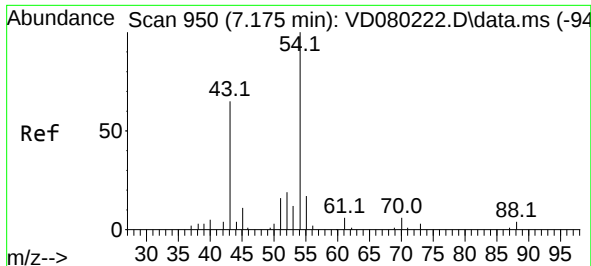
Tgt Ion:113 Resp: 2322
Ion Ratio Lower Upper
113 100
111 111.5 85.0 127.4
192 10.0 15.5 23.3#



#36
1,1-Dichloropropene
Concen: 1.380 ug/l
RT: 8.122 min Scan# 1111
Delta R.T. 0.112 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion: 75 Resp: 57
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 25.6 38.4#





#37

Ethyl Acetate

Concen: 9.477 ug/l

RT: 7.181 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD080239.D

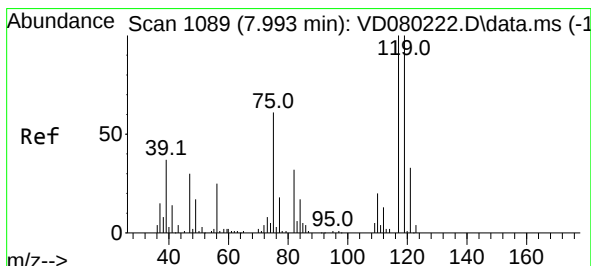
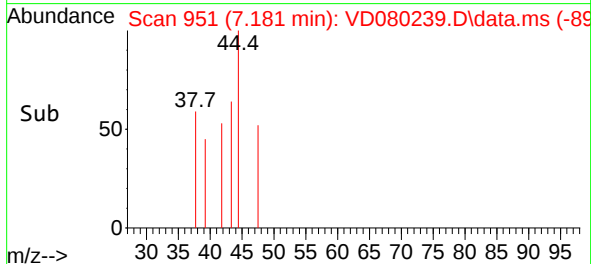
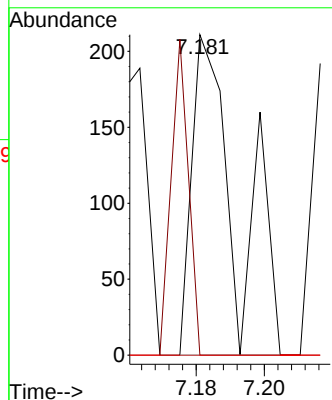
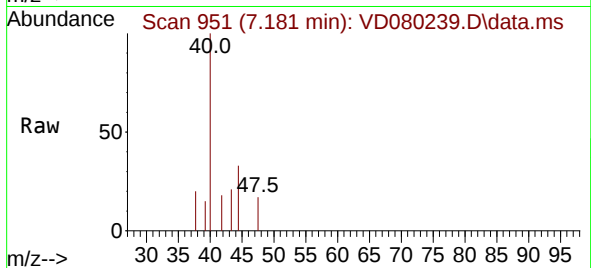
Acq: 04 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	192
Ion	Ratio	Lower	Upper
43	100		
61	38.0	11.4	17.0#
70	0.0	8.2	12.2#



#38

Carbon Tetrachloride

Concen: 4.774 ug/l

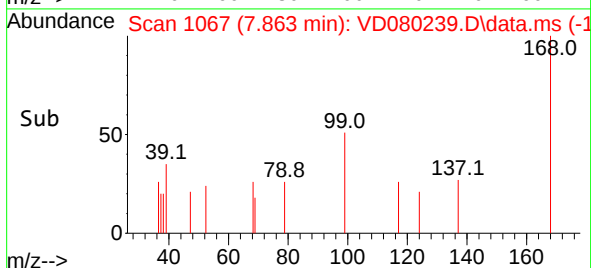
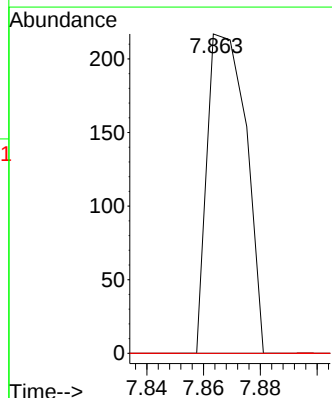
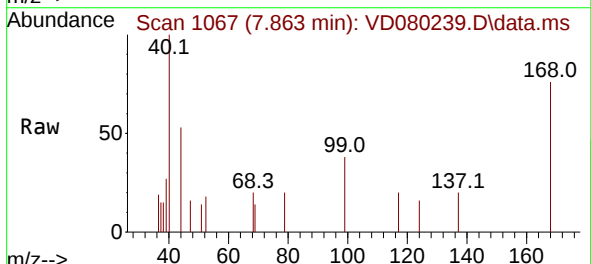
RT: 7.863 min Scan# 1067

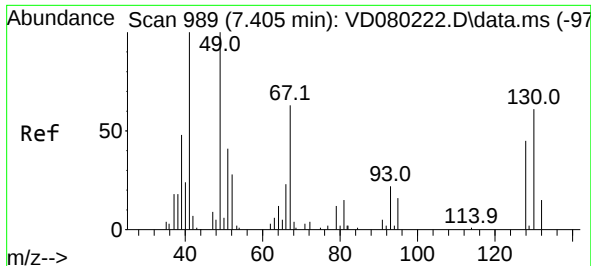
Delta R.T. -0.129 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

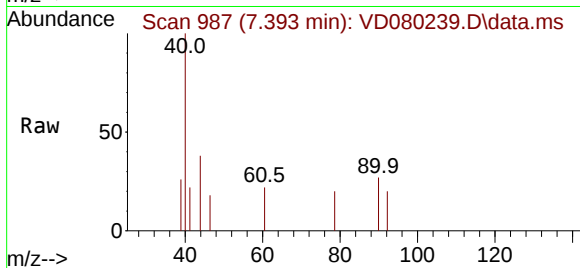
Tgt Ion:	117	Resp:	206
Ion	Ratio	Lower	Upper
117	100		
119	0.0	79.8	119.6#
121	0.0	26.6	39.8#



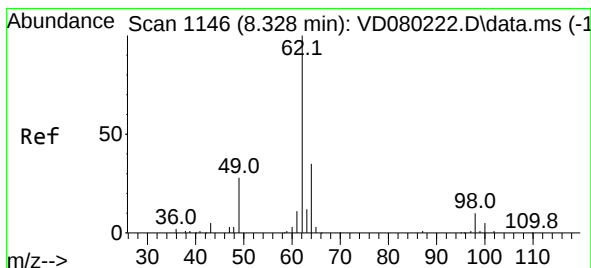
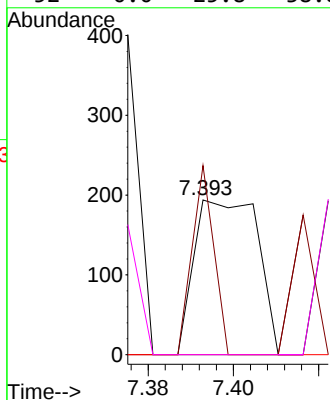
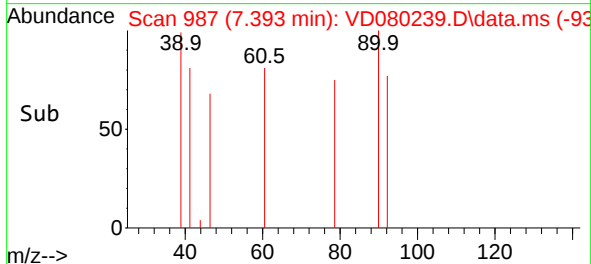


#41
Methacrylonitrile
Concen: 17.935 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

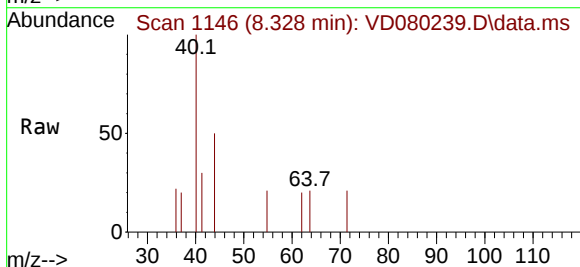
Instrument :
MSVOA_D
ClientSampleId :



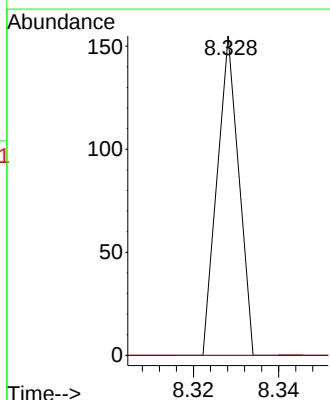
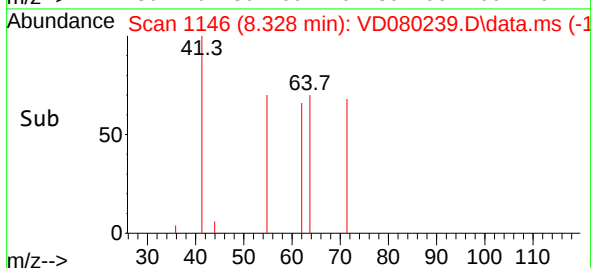
Tgt Ion:	41	Resp:	200
Ion	Ratio	Lower	Upper
41	100		
39	42.0	44.7	67.1#
67	0.0	55.0	82.4#
52	0.0	25.8	38.8#

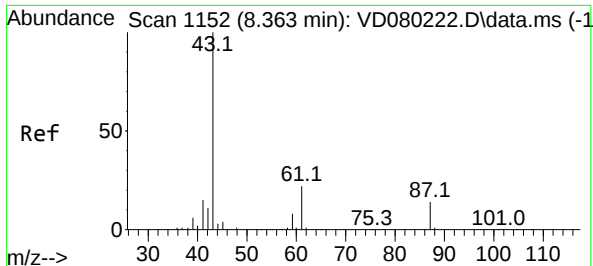


#42
1,2-Dichloroethane
Concen: 1.492 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33



Tgt Ion:	62	Resp:	55
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.4

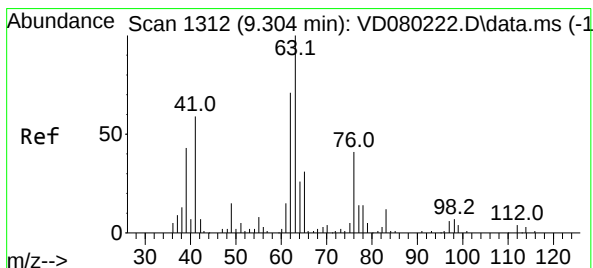
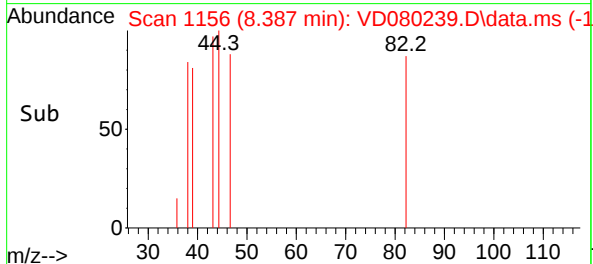
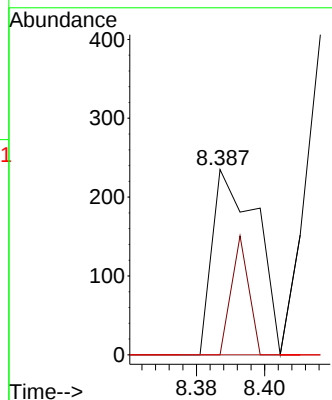
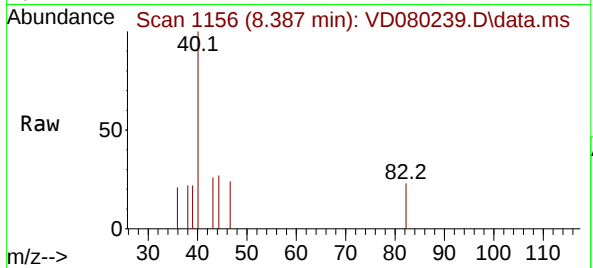




#43
Isopropyl Acetate
Concen: 5.924 ug/l
RT: 8.387 min Scan# 1156
Delta R.T. 0.024 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

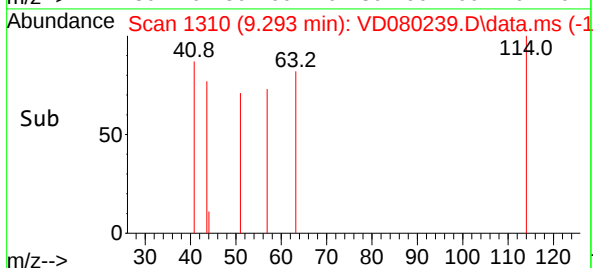
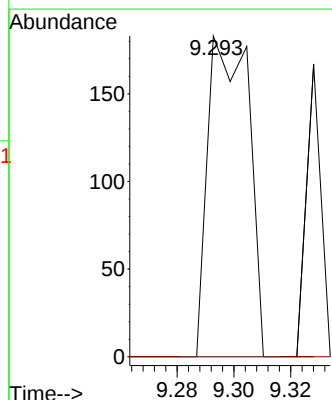
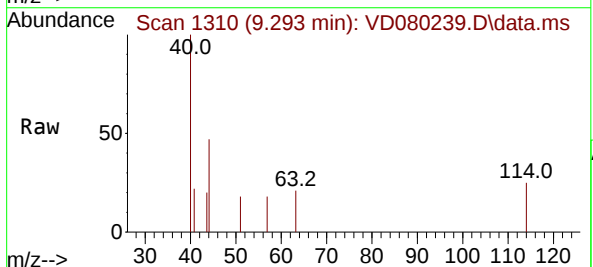
Instrument :
MSVOA_D
ClientSampleId :

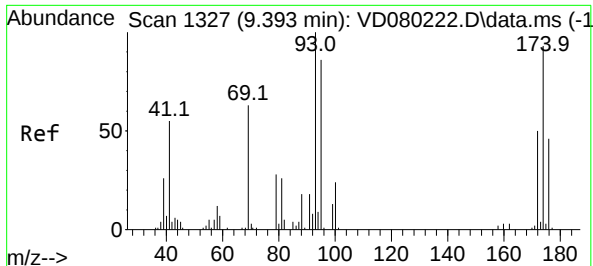
Tgt Ion: 43 Resp: 213
Ion Ratio Lower Upper
43 100
61 24.9 25.0 37.4#
87 0.0 10.7 16.1#



#45
1,2-Dichloropropane
Concen: 5.618 ug/l
RT: 9.293 min Scan# 1310
Delta R.T. -0.012 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

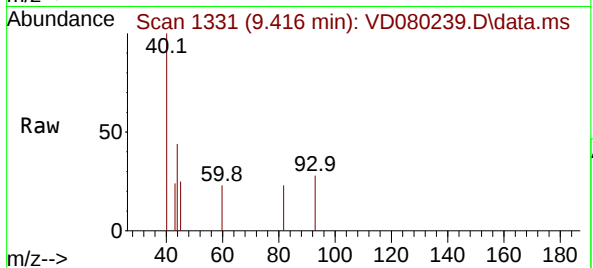
Tgt Ion: 63 Resp: 183
Ion Ratio Lower Upper
63 100
65 0.0 24.6 36.8#



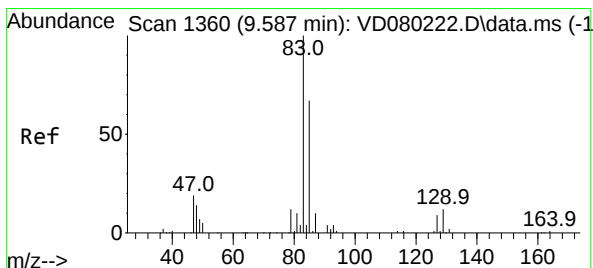
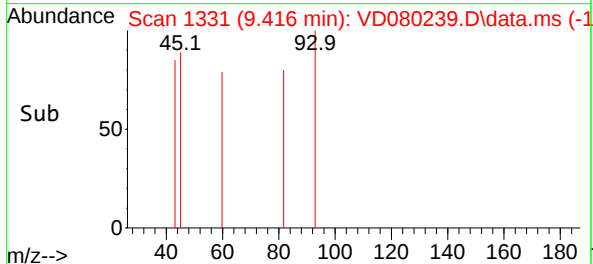
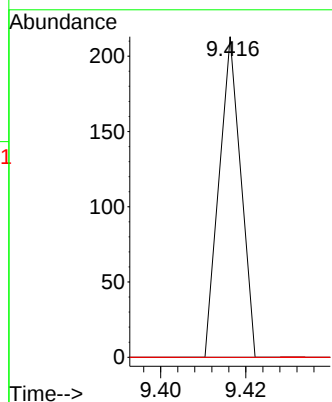


#46
Dibromomethane
Concen: 4.133 ug/l
RT: 9.416 min Scan# 1331
Delta R.T. 0.024 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :

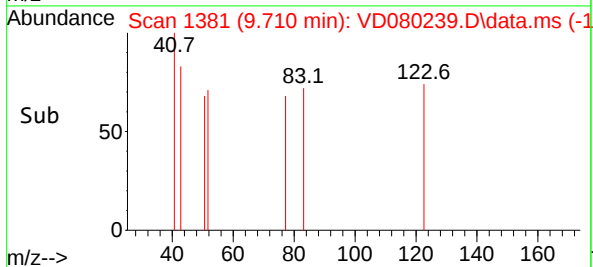
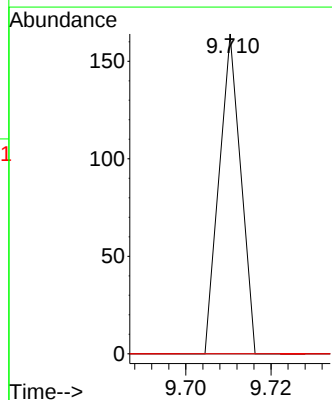
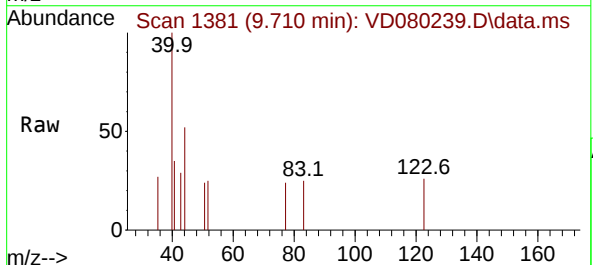


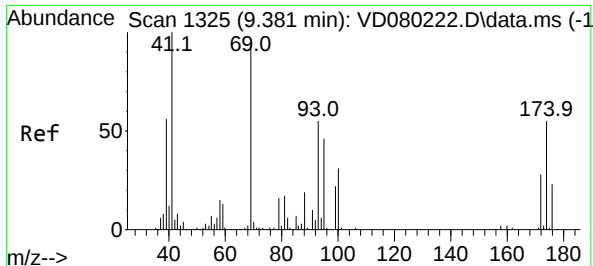
Tgt Ion: 93 Resp: 75
Ion Ratio Lower Upper
93 100
95 0.0 66.8 100.2#
174 0.0 76.8 115.2#



#47
Bromodichloromethane
Concen: 1.267 ug/l
RT: 9.710 min Scan# 1381
Delta R.T. 0.124 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion: 83 Resp: 58
Ion Ratio Lower Upper
83 100
85 0.0 53.6 80.4#
127 0.0 7.4 11.2#





#48

Methyl methacrylate

Concen: 4.868 ug/l

RT: 9.375 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

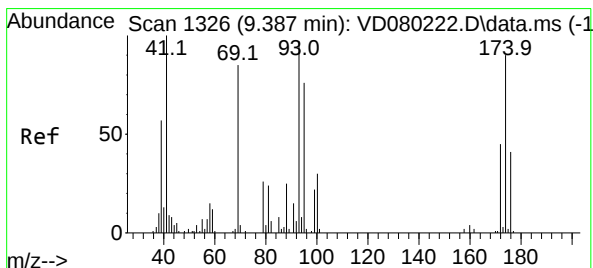
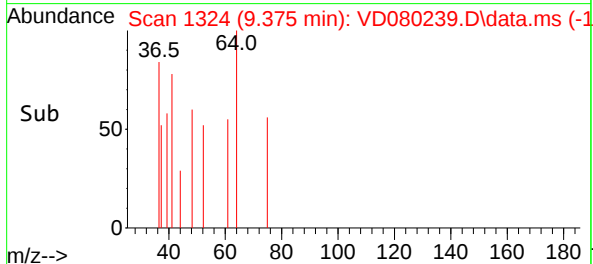
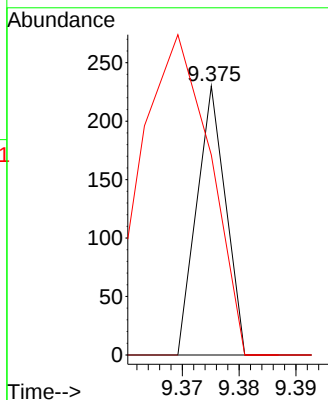
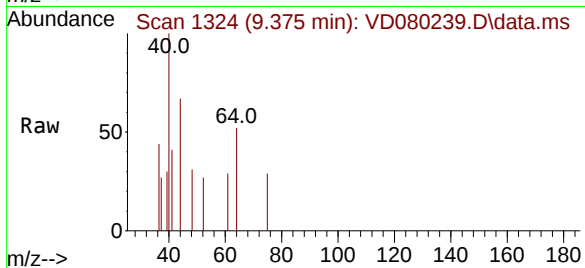
Tgt Ion: 41 Resp: 81

Ion Ratio Lower Upper

41 100

69 0.0 73.7 110.5#

39 279.0 49.4 74.2#



#49

1,4-Dioxane

Concen: 425.485 ug/l

RT: 9.122 min Scan# 1281

Delta R.T. -0.265 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

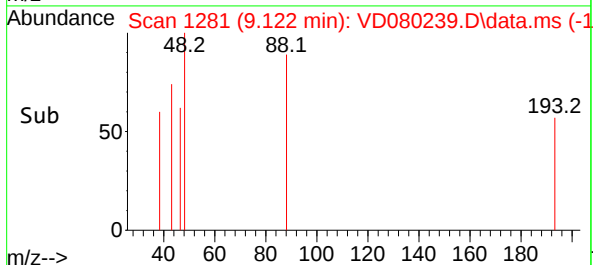
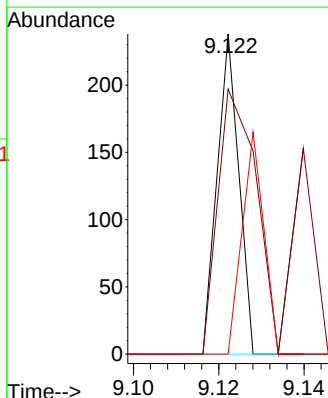
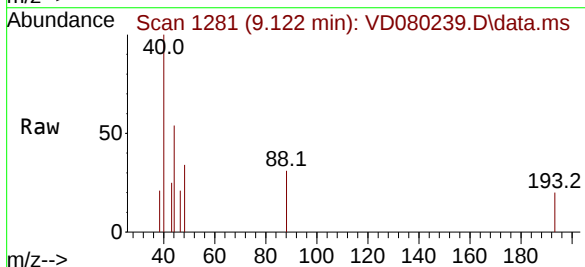
Tgt Ion: 88 Resp: 84

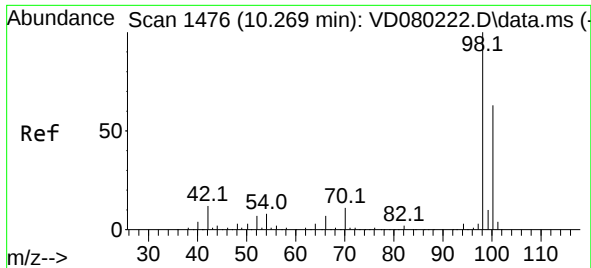
Ion Ratio Lower Upper

88 100

43 210.7 28.5 42.7#

58 69.0 56.3 84.5

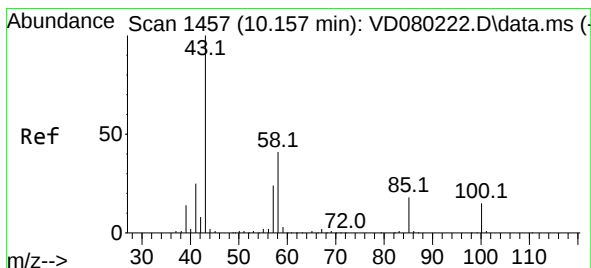
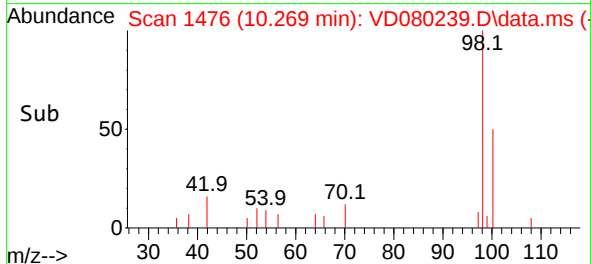
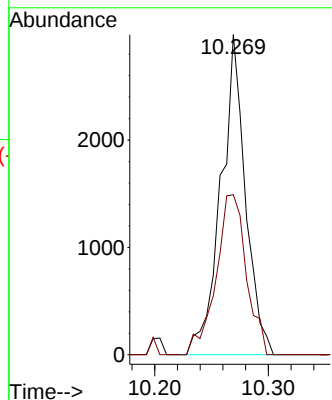
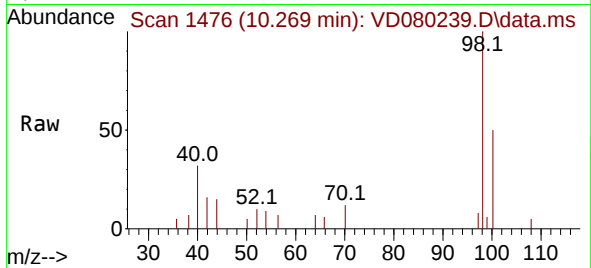




#50
Toluene-d8
Concen: 41.862 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

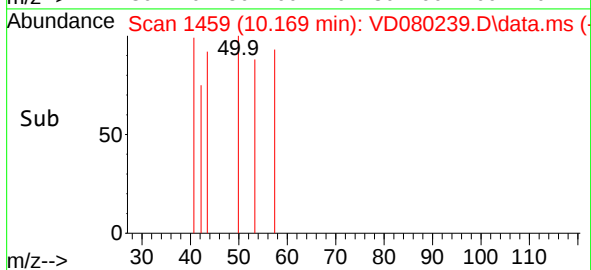
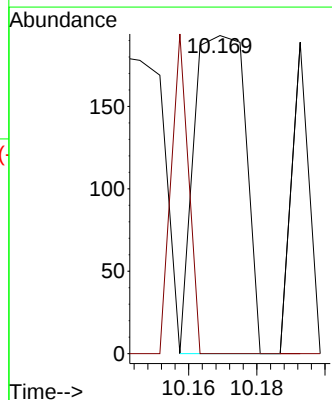
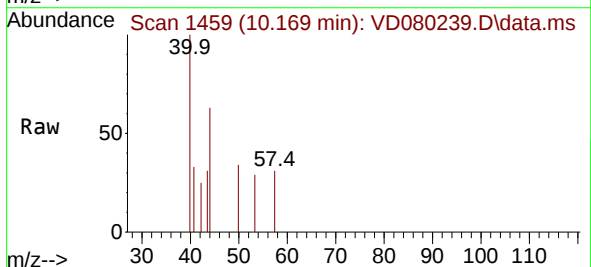
Instrument :
MSVOA_D
ClientSampleId :

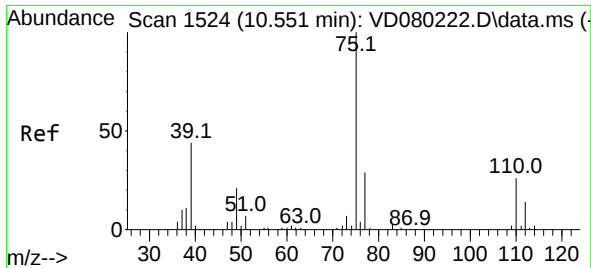
Tgt Ion: 98 Resp: 4478
Ion Ratio Lower Upper
98 100
100 61.8 50.2 75.4



#51
4-Methyl-2-Pentanone
Concen: 11.055 ug/l
RT: 10.169 min Scan# 1459
Delta R.T. 0.012 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion: 43 Resp: 201
Ion Ratio Lower Upper
43 100
58 33.8 31.1 46.7

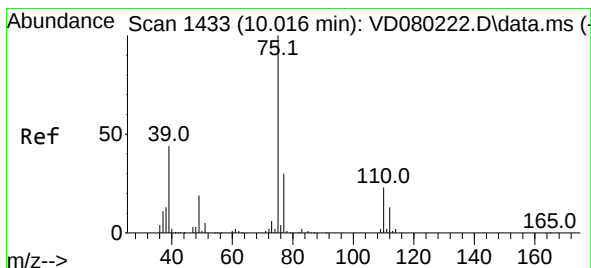
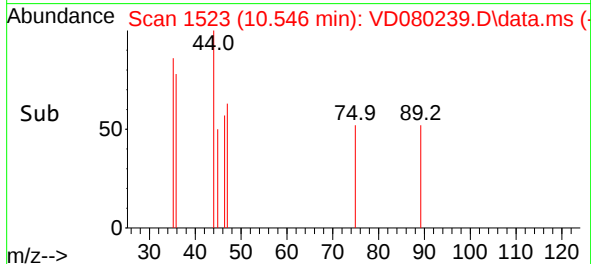
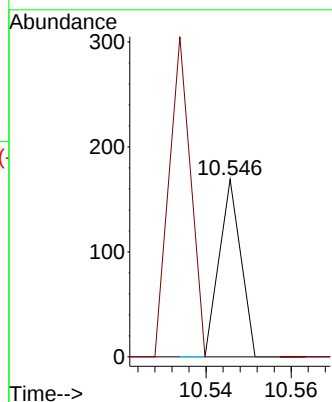
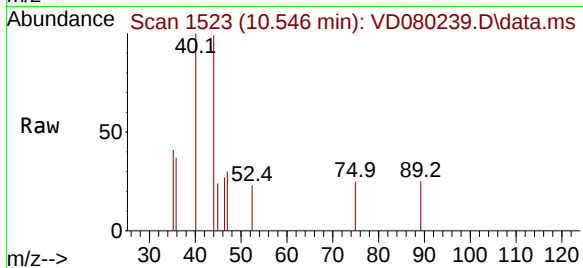




#53
 t-1,3-Dichloropropene
 Concen: 1.538 ug/l
 RT: 10.546 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD080239.D
 Acq: 04 Feb 2025 16:33

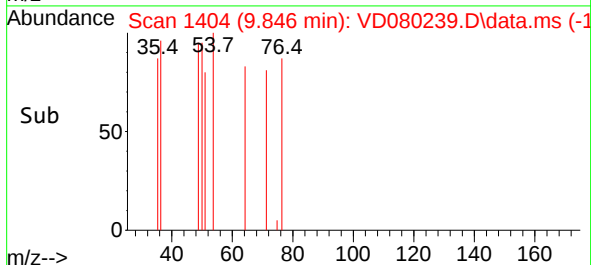
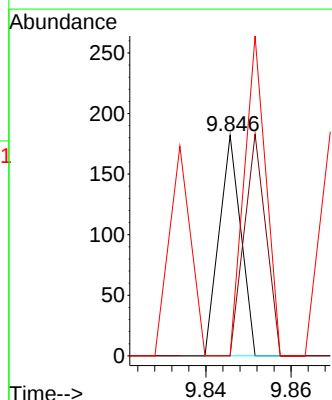
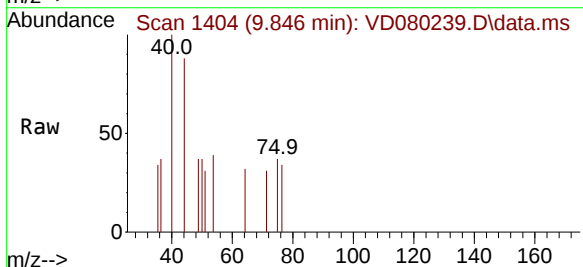
Instrument :
 MSVOA_D
 ClientSampleId :

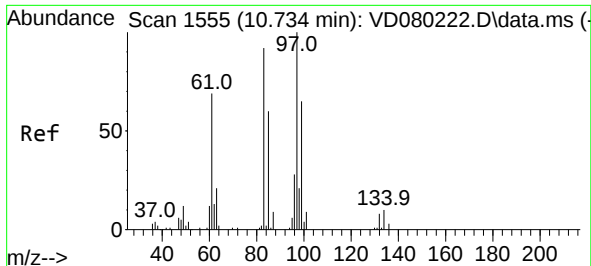
Tgt Ion: 75 Resp: 60
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.0 34.4#



#54
 cis-1,3-Dichloropropene
 Concen: 1.349 ug/l
 RT: 9.846 min Scan# 1404
 Delta R.T. -0.171 min
 Lab File: VD080239.D
 Acq: 04 Feb 2025 16:33

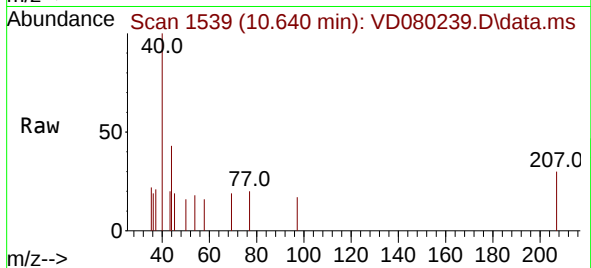
Tgt Ion: 75 Resp: 64
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.1 36.1#
 39 0.0 35.1 52.7#



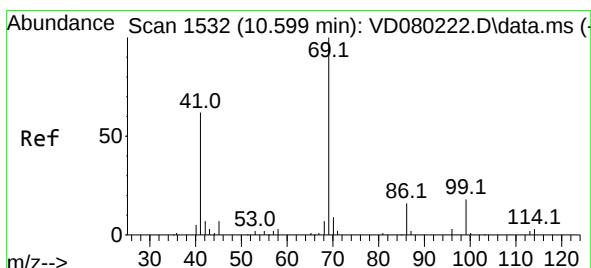
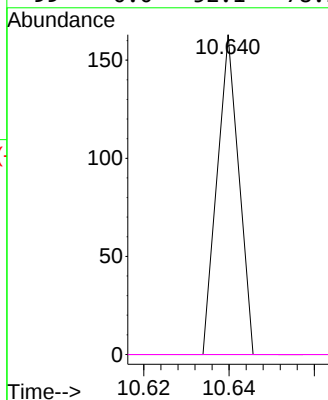
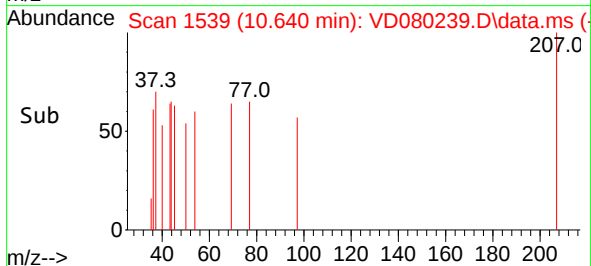


#55
 1,1,2-Trichloroethane
 Concen: 2.417 ug/l
 RT: 10.640 min Scan# 1539
 Delta R.T. -0.094 min
 Lab File: VD080239.D
 Acq: 04 Feb 2025 16:33

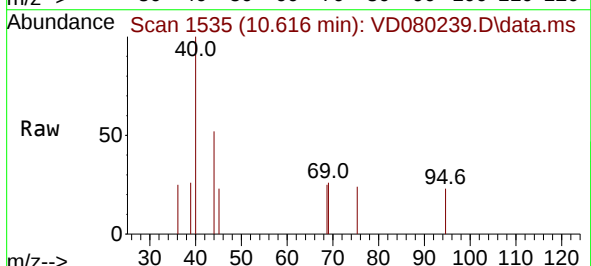
Instrument :
 MSVOA_D
 ClientSampleId :



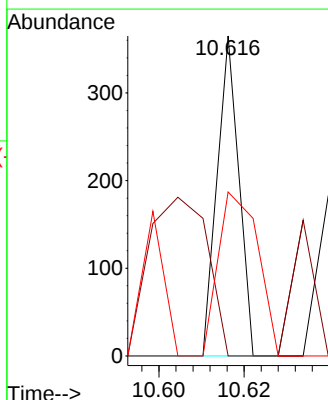
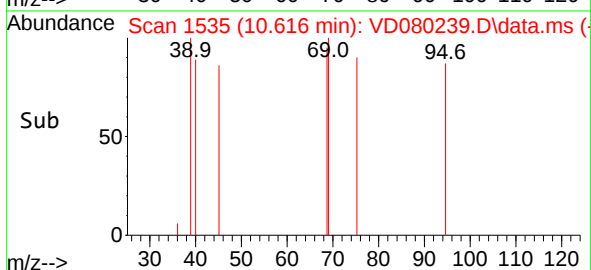
Tgt Ion: 97	Resp:	57
Ion	Ratio	Lower Upper
97	100	
83	0.0	73.9 110.9#
85	0.0	48.2 72.2#
99	0.0	52.1 78.1#

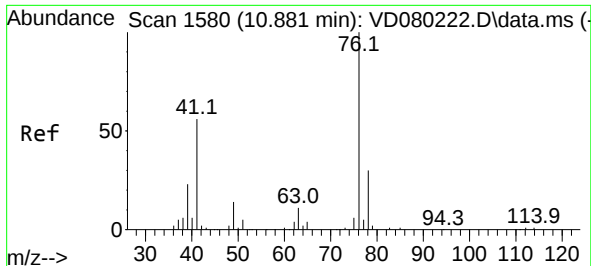


#56
 Ethyl methacrylate
 Concen: 4.795 ug/l
 RT: 10.616 min Scan# 1535
 Delta R.T. 0.018 min
 Lab File: VD080239.D
 Acq: 04 Feb 2025 16:33



Tgt Ion: 69	Resp:	129
Ion	Ratio	Lower Upper
69	100	
41	0.0	51.8 77.6#
39	93.8	28.7 43.1#

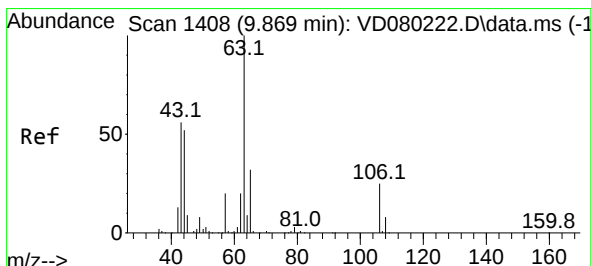
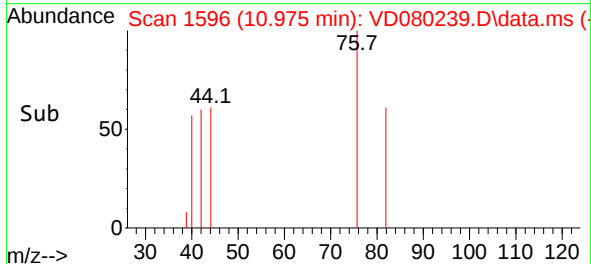
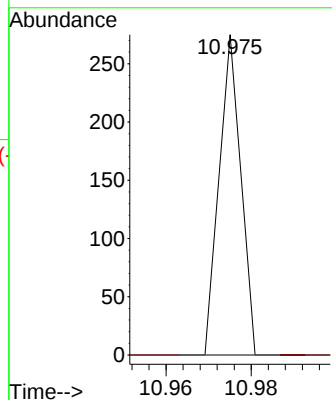
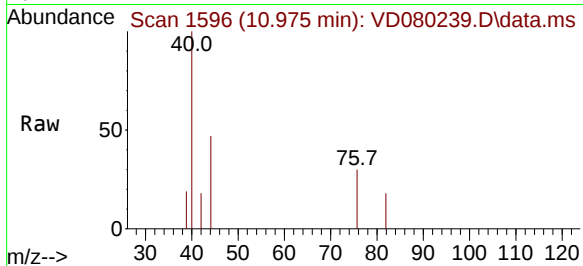




#57
 1,3-Dichloropropane
 Concen: 2.487 ug/l
 RT: 10.975 min Scan# 1399
 Delta R.T. 0.094 min
 Lab File: VD080239.D
 Acq: 04 Feb 2025 16:33

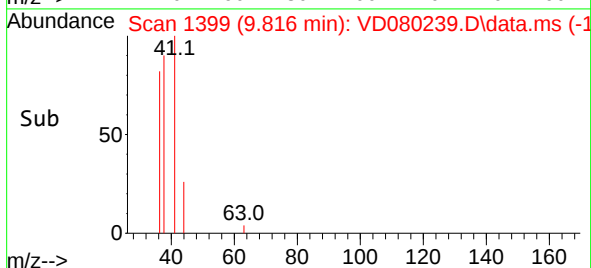
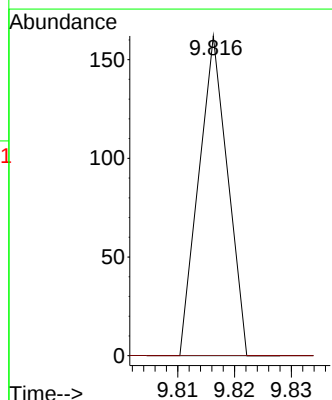
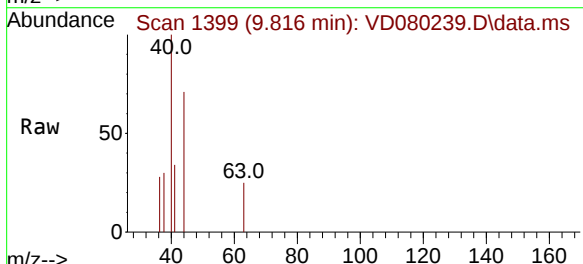
Instrument :
 MSVOA_D
 ClientSampleId :

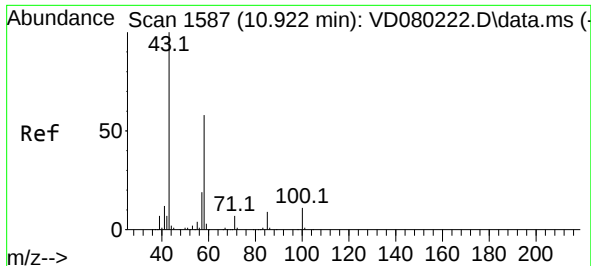
Tgt Ion: 76 Resp: 97
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.0 37.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.964 ug/l
 RT: 9.816 min Scan# 1399
 Delta R.T. -0.053 min
 Lab File: VD080239.D
 Acq: 04 Feb 2025 16:33

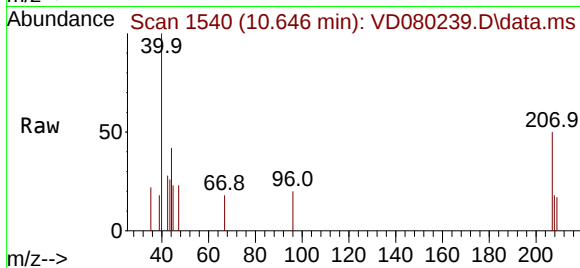
Tgt Ion: 63 Resp: 57
 Ion Ratio Lower Upper
 63 100
 106 0.0 20.6 30.8#



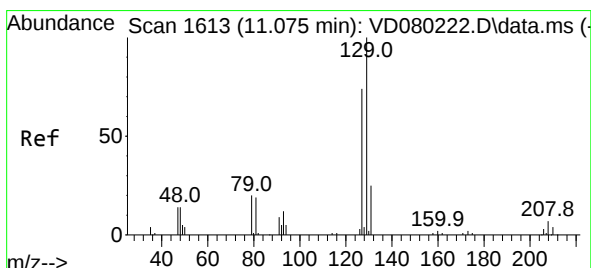
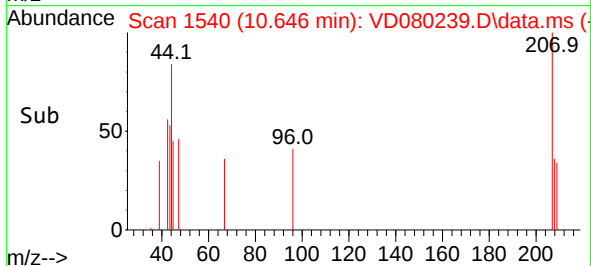
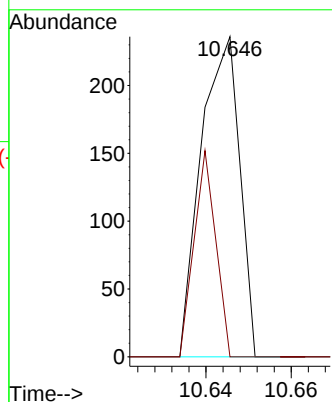


#59
2-Hexanone
Concen: 12.405 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.276 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Instrument :
MSVOA_D
ClientSampleId :

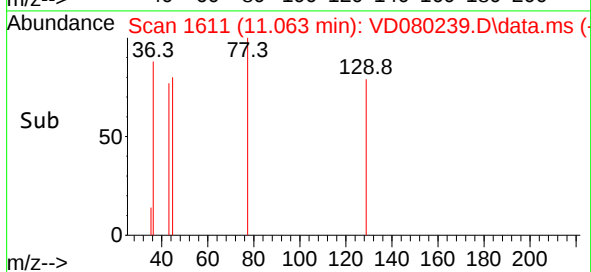
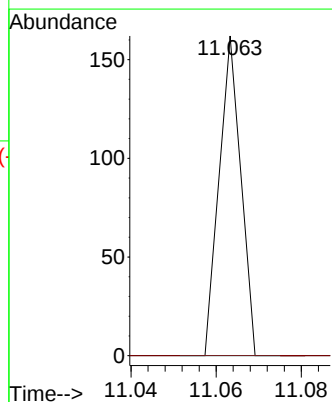
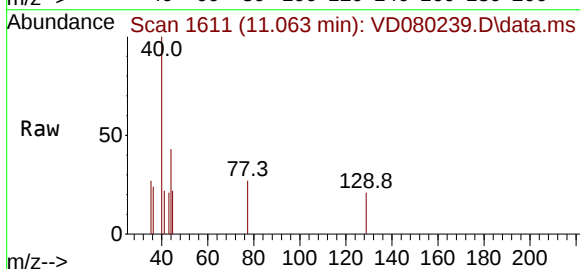


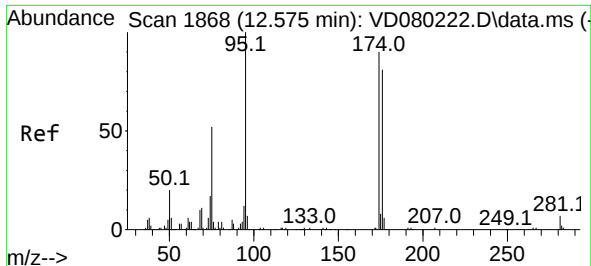
Tgt Ion: 43 Resp: 148
Ion Ratio Lower Upper
43 100
58 36.5 27.4 82.2



#60
Dibromochloromethane
Concen: 1.961 ug/l
RT: 11.063 min Scan# 1611
Delta R.T. -0.012 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

Tgt Ion:129 Resp: 57
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.5#

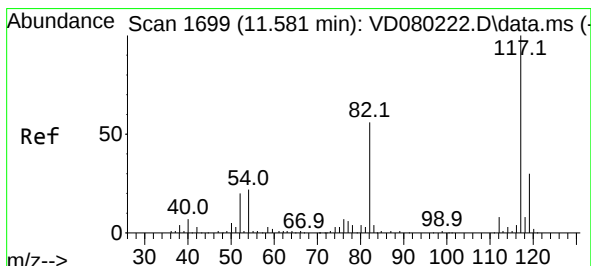
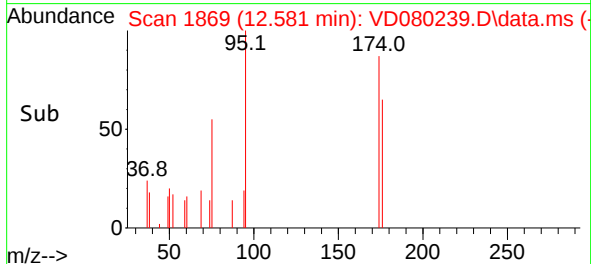
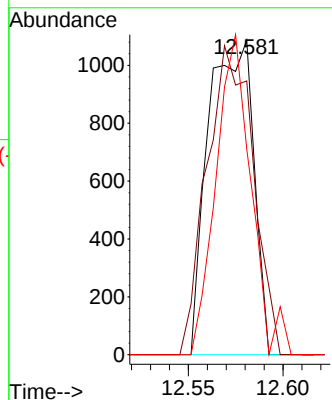
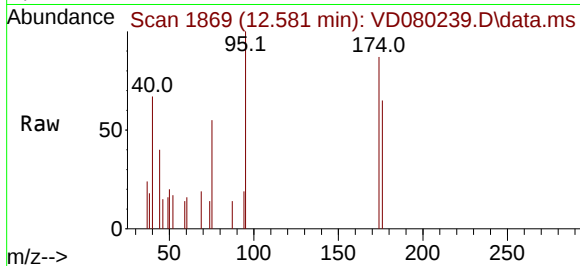




#62
4-Bromofluorobenzene
Concen: 52.298 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

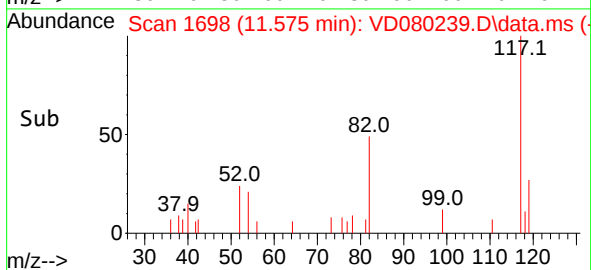
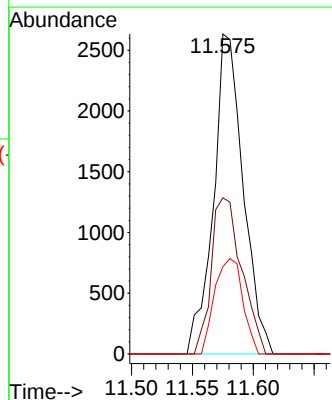
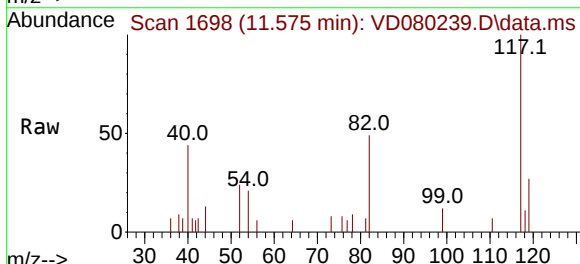
Instrument :
MSVOA_D
ClientSampleId :

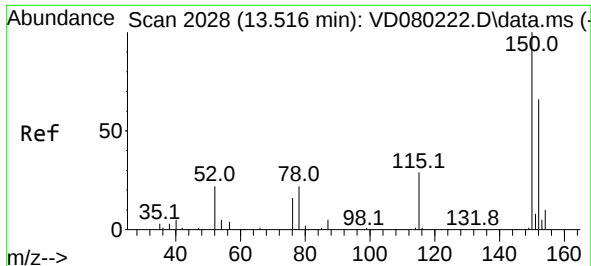
Tgt Ion:	95	Resp:	1795
Ion	Ratio	Lower	Upper
95	100		
174	101.2	0.0	171.8
176	79.3	0.0	159.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

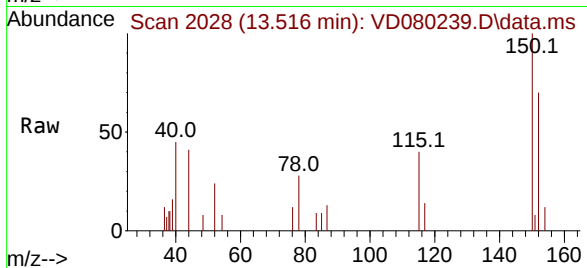
Tgt Ion:	117	Resp:	4478
Ion	Ratio	Lower	Upper
117	100		
82	48.8	45.0	67.6
119	27.3	24.3	36.5



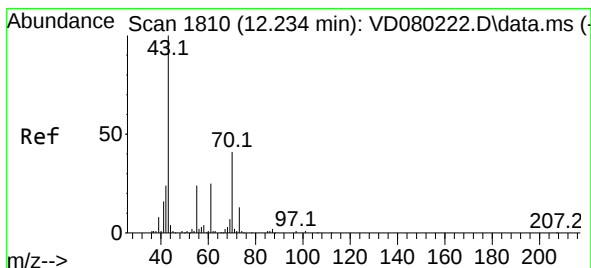
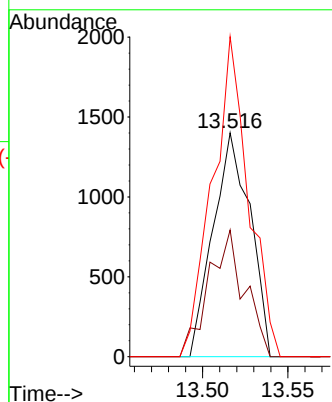
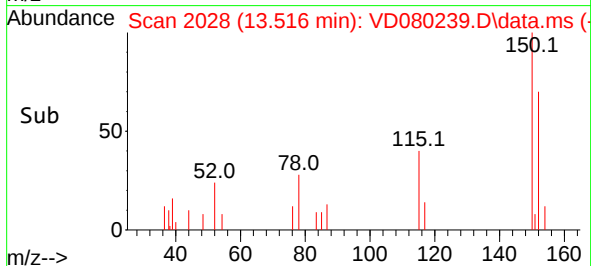


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD080239.D
 Acq: 04 Feb 2025 16:33

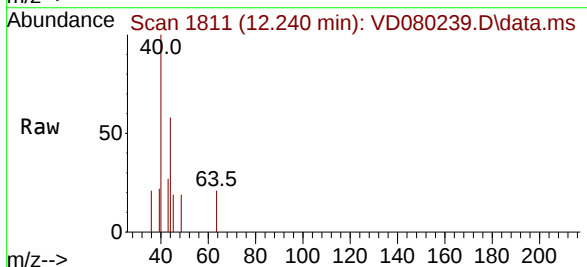
Instrument :
 MSVOA_D
 ClientSampleId :



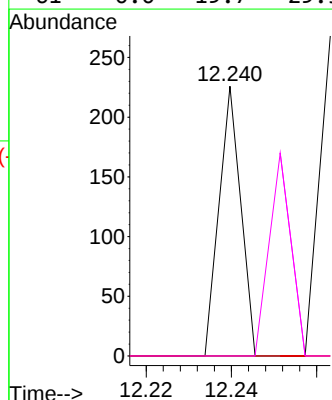
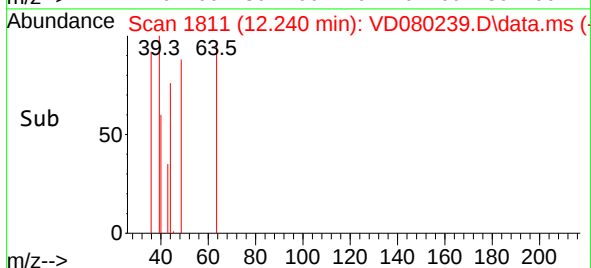
Tgt Ion:152 Resp: 2117
 Ion Ratio Lower Upper
 152 100
 115 54.7 30.0 90.1
 150 139.2 0.0 350.4

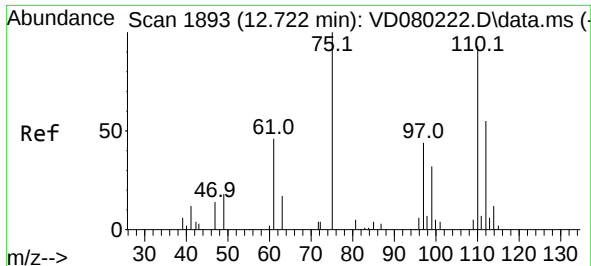


#74
 N-ethyl acetate
 Concen: 2.125 ug/l
 RT: 12.240 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: VD080239.D
 Acq: 04 Feb 2025 16:33



Tgt Ion: 43 Resp: 80
 Ion Ratio Lower Upper
 43 100
 70 0.0 33.6 50.4#
 55 0.0 21.4 32.0#
 61 0.0 19.7 29.5#

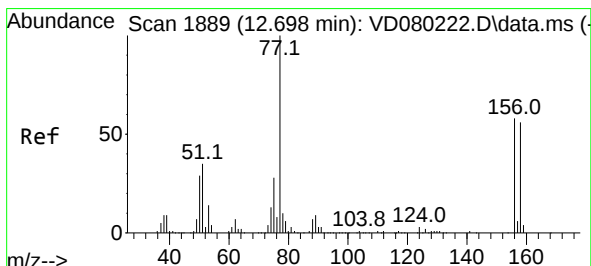
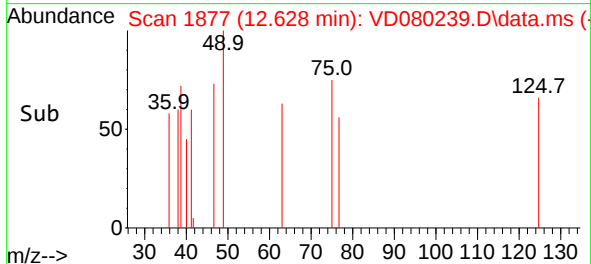
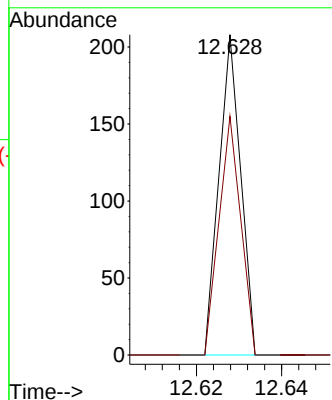
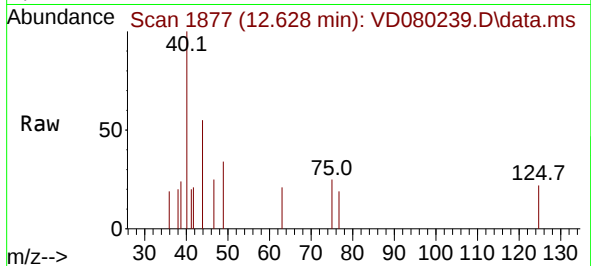




#76
1,2,3-Trichloropropane
Concen: 3.409 ug/l
RT: 12.628 min Scan# 1877
Delta R.T. -0.094 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

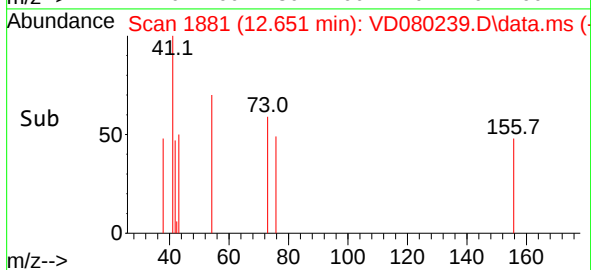
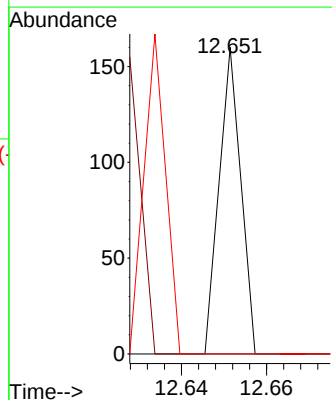
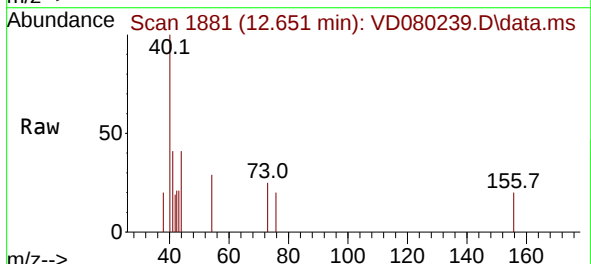
Instrument :
MSVOA_D
ClientSampleId :

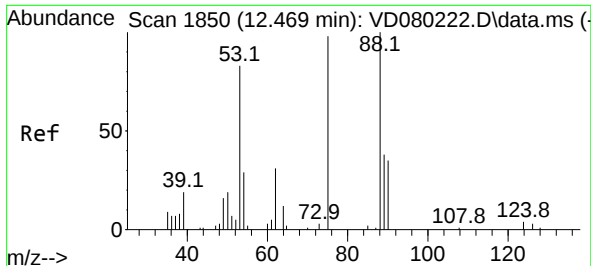
Tgt Ion: 75 Resp: 73
Ion Ratio Lower Upper
75 100
77 75.3 0.0 0.0#



#77
Bromobenzene
Concen: 1.516 ug/l
RT: 12.651 min Scan# 1881
Delta R.T. -0.047 min
Lab File: VD080239.D
Acq: 04 Feb 2025 16:33

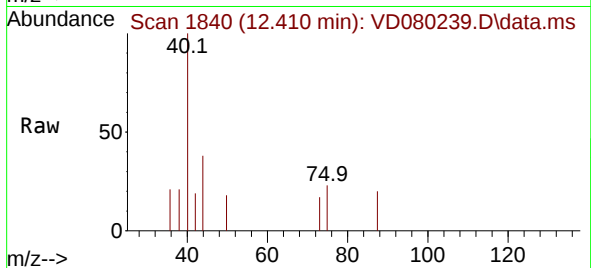
Tgt Ion: 156 Resp: 56
Ion Ratio Lower Upper
156 100
77 0.0 95.2 285.4#
158 0.0 47.8 143.3#



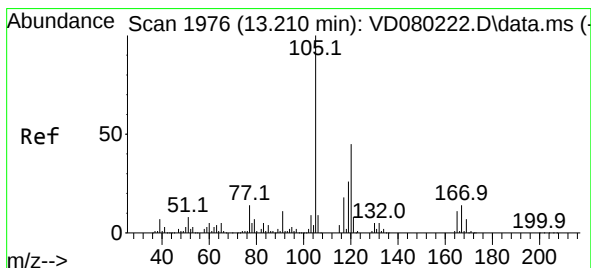
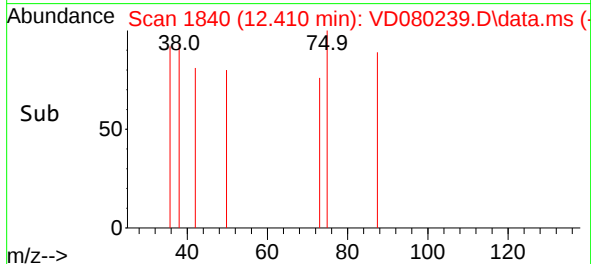
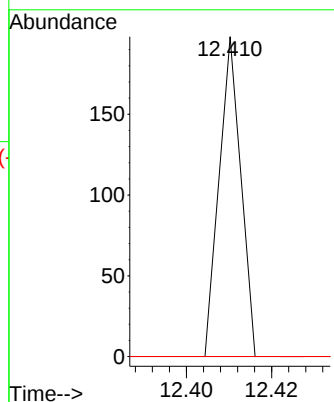


#81
 trans-1,4-Dichloro-2-butene
 Concen: 6.684 ug/l
 RT: 12.410 min Scan# 1840
 Delta R.T. -0.059 min
 Lab File: VD080239.D
 Acq: 04 Feb 2025 16:33

Instrument :
 MSVOA_D
 ClientSampleId :

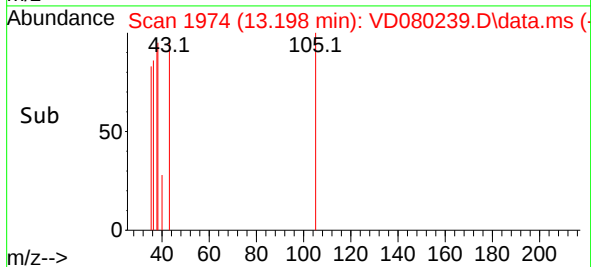
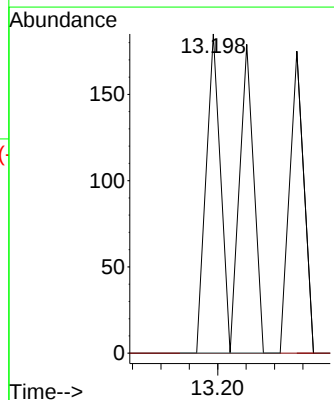
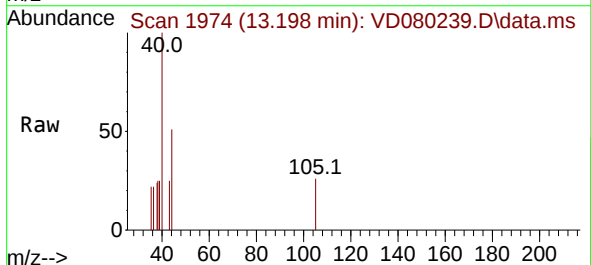


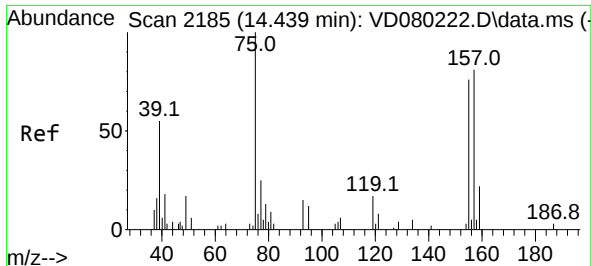
Tgt Ion: 75 Resp: 70
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.1 103.7#
 89 0.0 36.5 54.7#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.050 ug/l
 RT: 13.198 min Scan# 1974
 Delta R.T. -0.012 min
 Lab File: VD080239.D
 Acq: 04 Feb 2025 16:33

Tgt Ion: 105 Resp: 128
 Ion Ratio Lower Upper
 105 100
 120 0.0 22.1 66.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 26.579 ug/l

RT: 14.351 min Scan# 2170

Delta R.T. -0.088 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

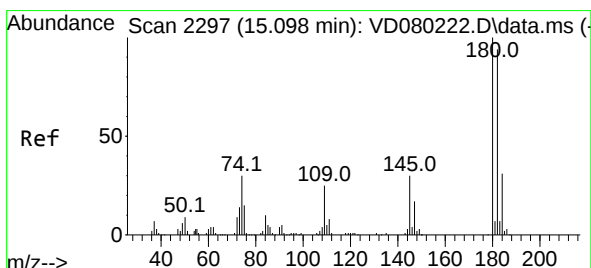
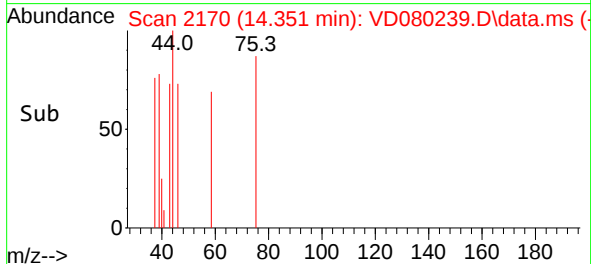
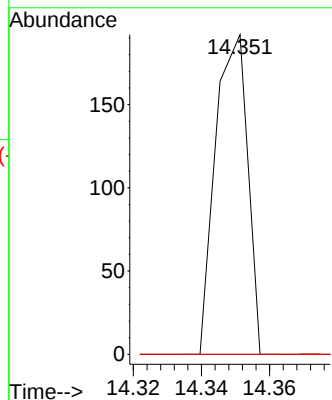
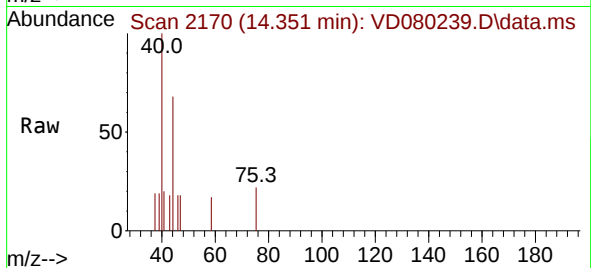
Tgt Ion: 75 Resp: 126

Ion Ratio Lower Upper

75 100

155 0.0 41.5 124.6#

157 0.0 50.5 151.5#



#93

1,2,4-Trichlorobenzene

Concen: 1.713 ug/l

RT: 15.110 min Scan# 2299

Delta R.T. 0.012 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

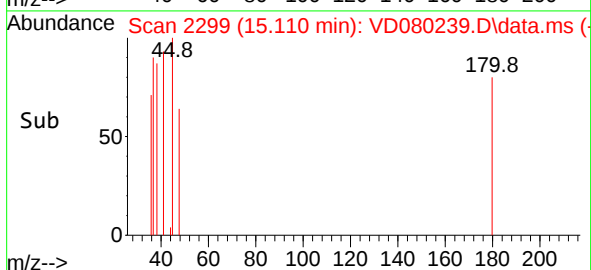
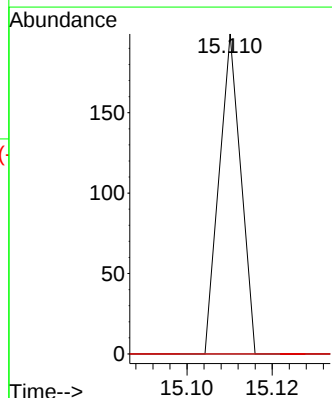
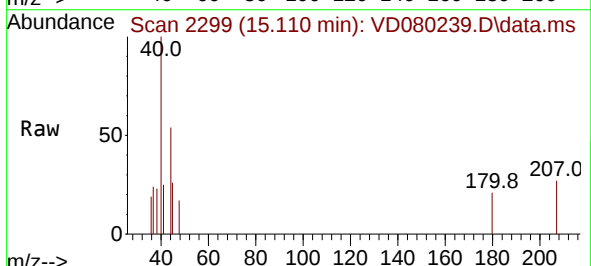
Tgt Ion:180 Resp: 70

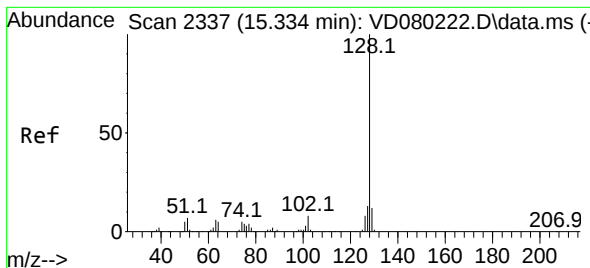
Ion Ratio Lower Upper

180 100

182 0.0 47.5 142.5#

145 0.0 14.6 44.0#





#95

Naphthalene

Concen: 26.868 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

Instrument :

MSVOA_D

ClientSampleId :

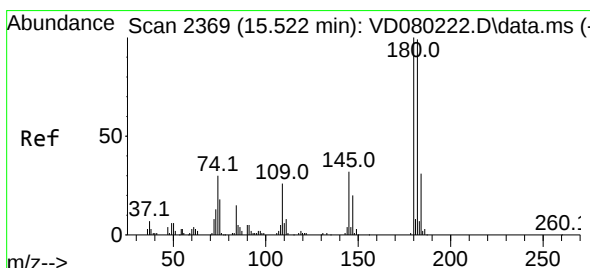
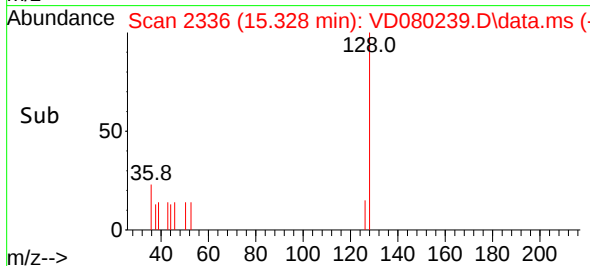
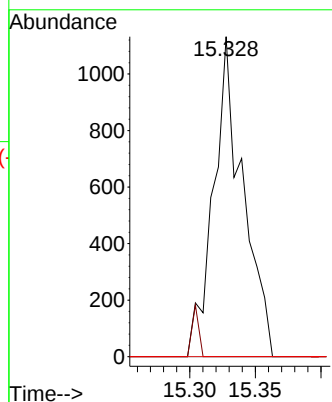
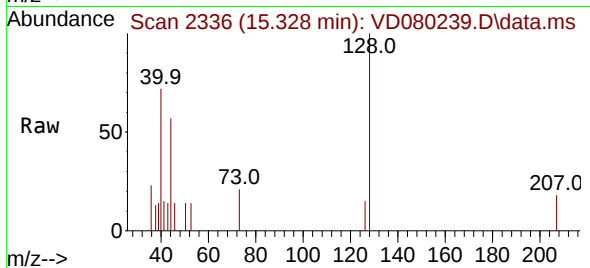
Tgt Ion:128 Resp: 1758

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

129 0.0 9.4 14.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.627 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD080239.D

Acq: 04 Feb 2025 16:33

Tgt Ion:180 Resp: 60

Ion Ratio Lower Upper

180 100

182 0.0 47.3 142.0#

145 0.0 15.6 46.7#

