

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121623\
 Data File : VD077935.D
 Acq On : 16 Dec 2023 15:50
 Operator : RP/MD
 Sample : 05791-03
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 18 01:59:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	3922	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	6335	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6377	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.216	65	2888	62.490	ug/l	-0.01
Spiked Amount 50.000	Range 50	- 163	Recovery	=	124.980%	
35) Dibromofluoromethane	7.805	113	2349	52.936	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	105.880%	
50) Toluene-d8	10.269	98	7616	42.853	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	85.700%	
62) 4-Bromofluorobenzene	12.575	95	2194	41.291	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	82.580%	
Target Compounds						
						Qvalue
6) Chloroethane	2.811	64	245	3.964	ug/l #	43
10) Methyl Iodide	4.181	142	64	8.064	ug/l #	46
11) Tert butyl alcohol	5.040	59	56	14.546	ug/l #	73
12) 1,1-Dichloroethene	3.864	96	57	1.209	ug/l #	1
13) Acrolein	3.846	56	63	12.887	ug/l #	15
14) Allyl chloride	4.558	41	134	2.067	ug/l #	4
15) Acrylonitrile	5.305	53	55	5.479	ug/l #	68
16) Acetone	4.017	43	142	Below Cal	#	32
18) Methyl Acetate	4.575	43	58	1.594	ug/l #	42
20) Methylene Chloride	4.799	84	162	Below Cal	#	17
21) trans-1,2-Dichloroethene	5.569	96	56	1.049	ug/l #	4
25) 2-Butanone	7.075	43	84	Below Cal	#	37
28) Bromochloromethane	7.393	49	62	1.672	ug/l #	1
29) Tetrahydrofuran	7.534	42	126	17.121	ug/l #	23
36) 1,1-Dichloropropene	7.887	75	258	3.635	ug/l #	39
37) Ethyl Acetate	7.240	43	58	2.096	ug/l #	62
38) Carbon Tetrachloride	7.869	117	323	4.565	ug/l #	11
41) Methacrylonitrile	7.381	41	133	9.455	ug/l #	1
42) 1,2-Dichloroethane	8.269	62	70	1.340	ug/l #	68
43) Isopropyl Acetate	8.463	43	86	1.748	ug/l #	1
45) 1,2-Dichloropropane	9.093	63	63	1.286	ug/l #	44
46) Dibromomethane	9.293	93	62	2.393	ug/l #	2
48) Methyl methacrylate	9.393	41	250	8.939	ug/l #	1
51) 4-Methyl-2-Pentanone	10.146	43	130	5.177	ug/l	88
53) t-1,3-Dichloropropene	10.540	75	70	1.110	ug/l #	43
55) 1,1,2-Trichloroethane	10.787	97	68	1.919	ug/l #	16
56) Ethyl methacrylate	10.416	69	59	1.888	ug/l #	2
58) 2-Chloroethyl Vinyl ether	10.022	63	62	3.480	ug/l #	43
59) 2-Hexanone	10.922	43	72	3.456	ug/l #	16
74) N-amyl acetate	12.240	43	56	1.539	ug/l #	35
76) 1,2,3-Trichloropropane	12.728	75	58	2.735	ug/l #	100
77) Bromobenzene	12.704	156	397	9.119	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.510	75	61	5.827	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.210	105	285	1.846	ug/l #	28
88) 1,4-Dichlorobenzene	13.528	146	59	Below Cal	#	26
92) 1,2-Dibromo-3-Chloropr...	14.722	75	66	13.401	ug/l #	1

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QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

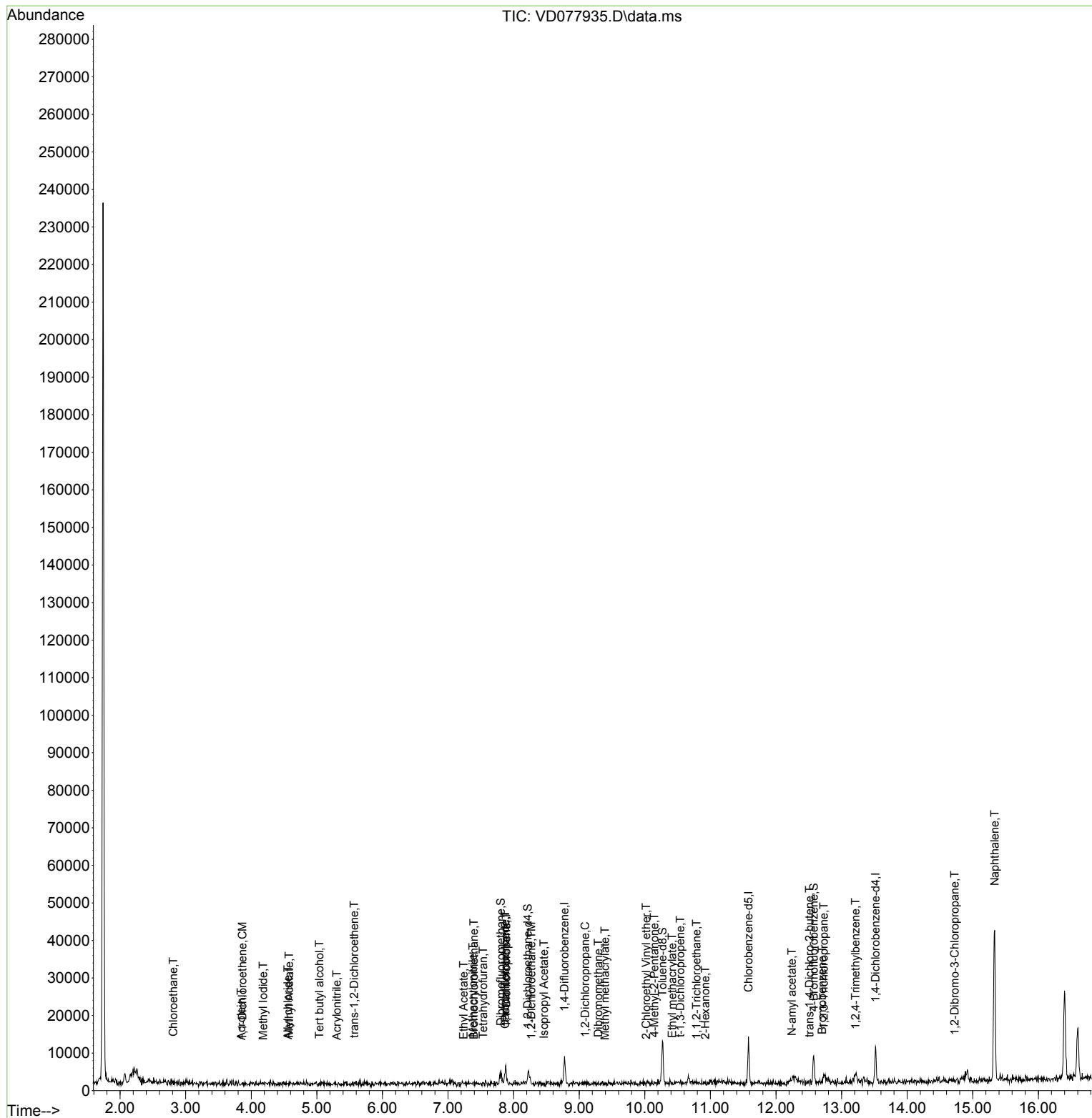
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.334	128	36864	429.008	ug/l	# 95

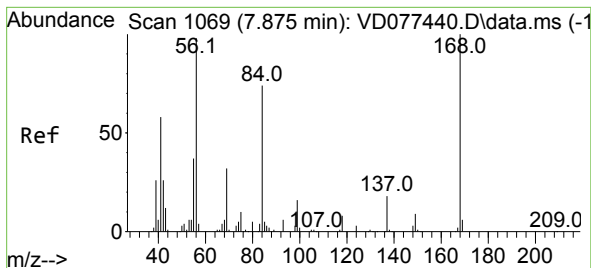
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

Instrument :

MSVOA_D

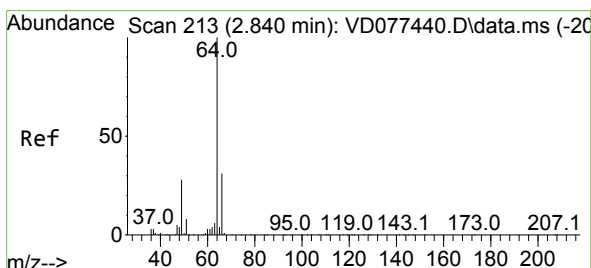
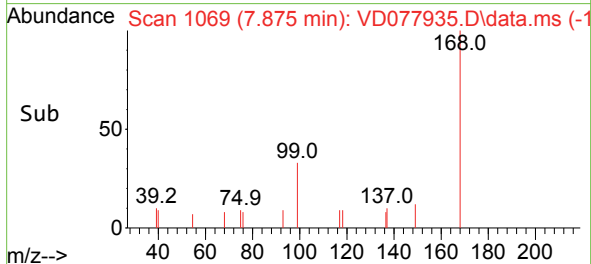
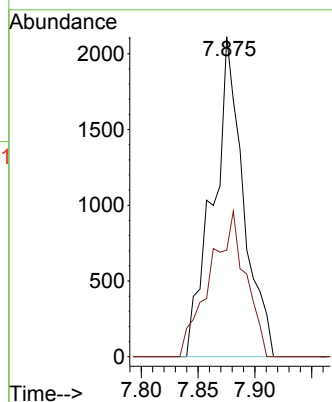
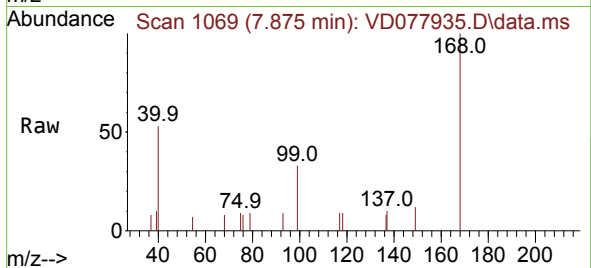
ClientSampleId :

Tgt Ion:168 Resp: 3922

Ion Ratio Lower Upper

168 100

99 33.3 36.7 55.1#



#6

Chloroethane

Concen: 3.964 ug/l

RT: 2.811 min Scan# 208

Delta R.T. -0.029 min

Lab File: VD077935.D

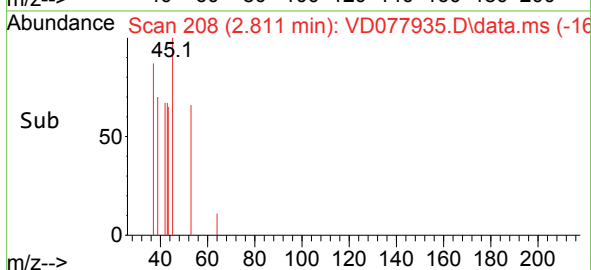
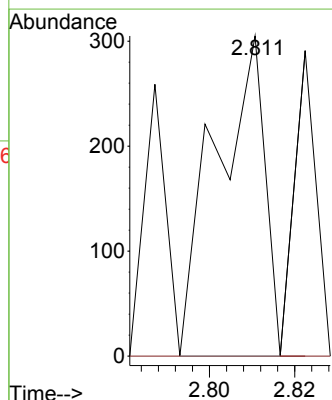
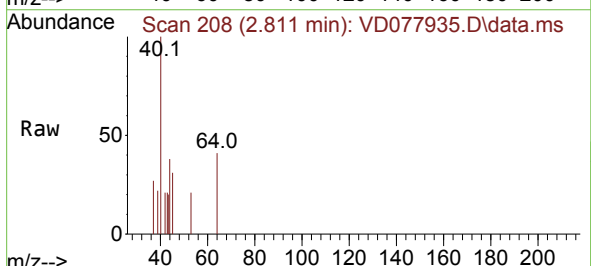
Acq: 16 Dec 2023 15:50

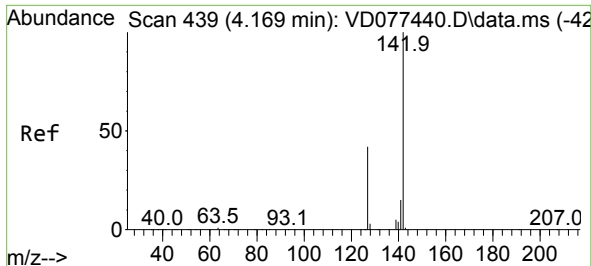
Tgt Ion: 64 Resp: 245

Ion Ratio Lower Upper

64 100

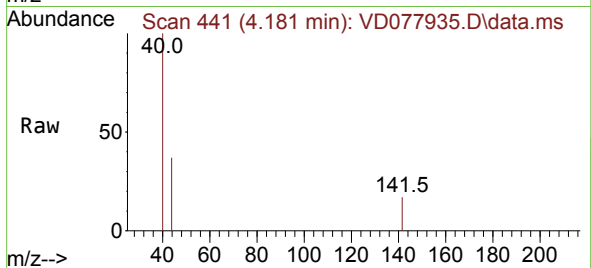
66 0.0 25.5 38.3#



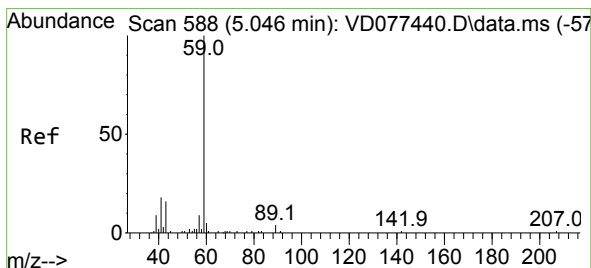
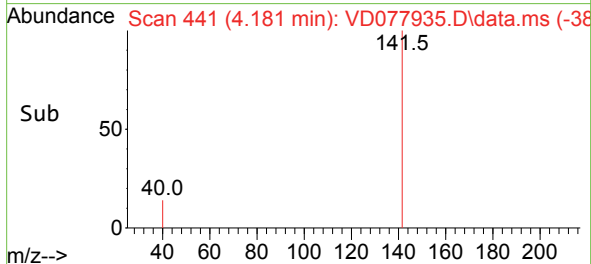
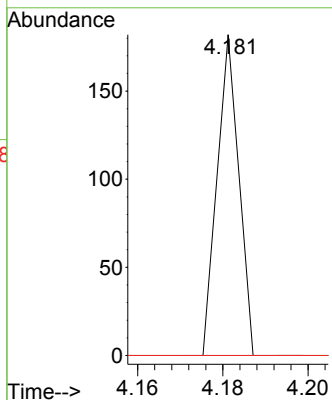


#10
Methyl Iodide
Concen: 8.064 ug/l
RT: 4.181 min Scan# 441
Delta R.T. 0.012 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

Instrument :
MSVOA_D
ClientSampleId :

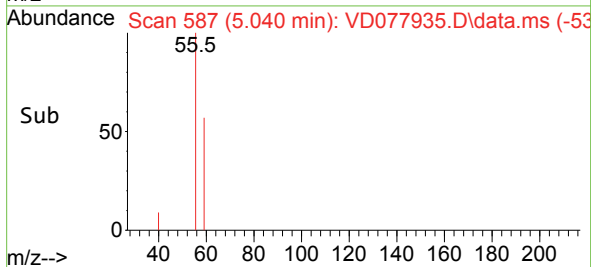
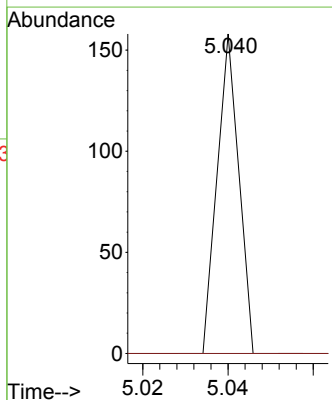
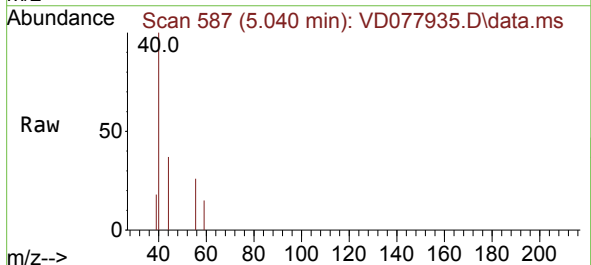


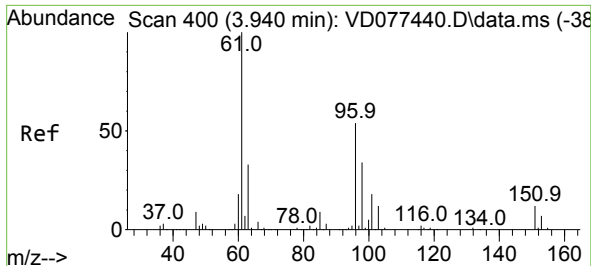
Tgt Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 0.0 29.4 44.0#
141 0.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 14.546 ug/l
RT: 5.040 min Scan# 587
Delta R.T. -0.006 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 1.209 ug/l

RT: 3.864 min Scan# 387

Delta R.T. -0.076 min

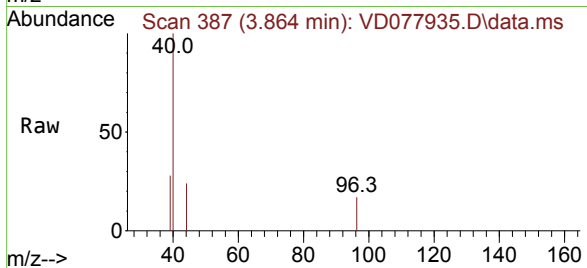
Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

Instrument :

MSVOA_D

ClientSampleId :



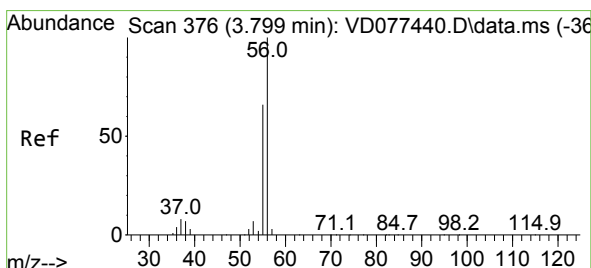
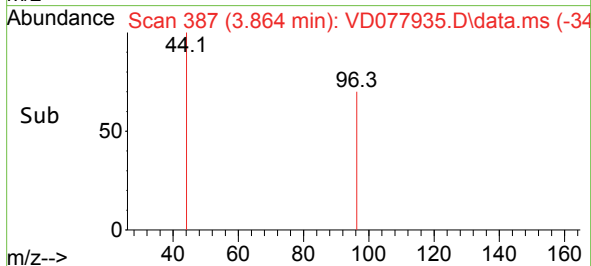
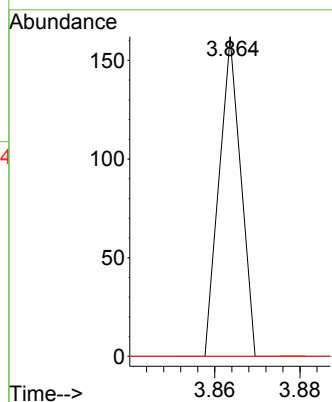
Tgt Ion: 96 Resp: 57

Ion Ratio Lower Upper

96 100

61 0.0 100.6 150.8#

98 0.0 50.2 75.2#



#13

Acrolein

Concen: 12.887 ug/l

RT: 3.846 min Scan# 384

Delta R.T. 0.047 min

Lab File: VD077935.D

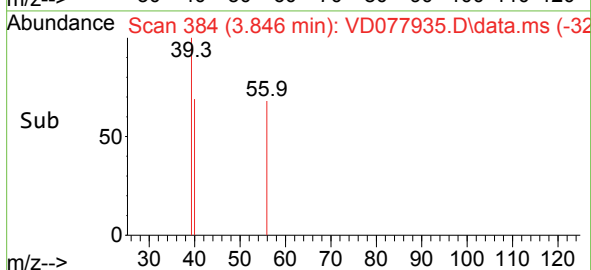
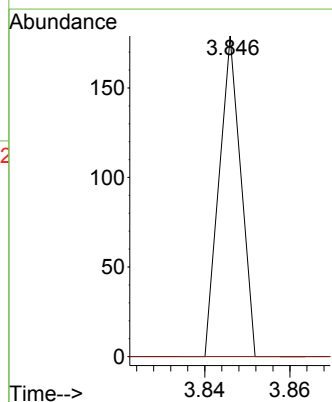
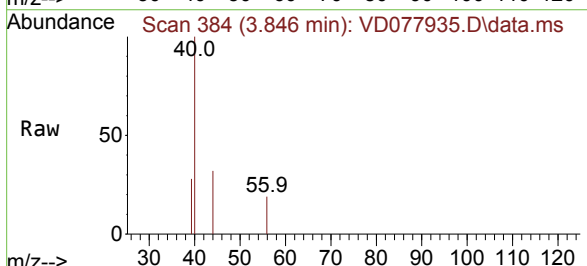
Acq: 16 Dec 2023 15:50

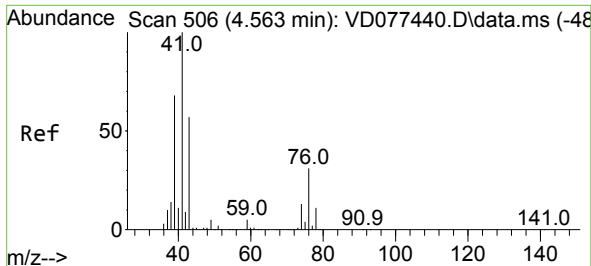
Tgt Ion: 56 Resp: 63

Ion Ratio Lower Upper

56 100

55 0.0 55.1 82.7#

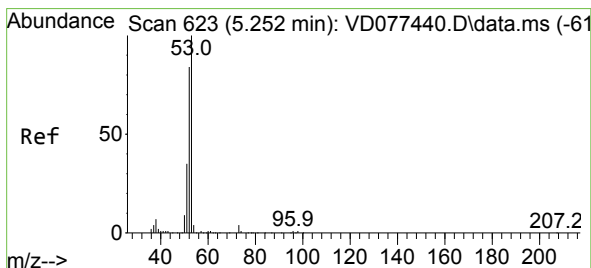
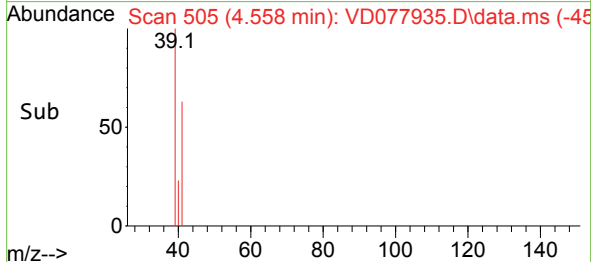
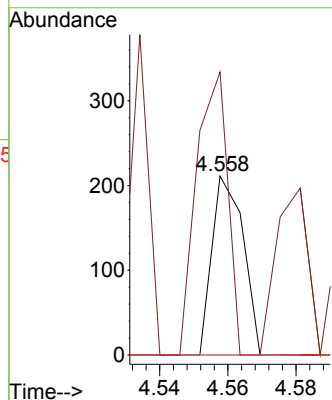
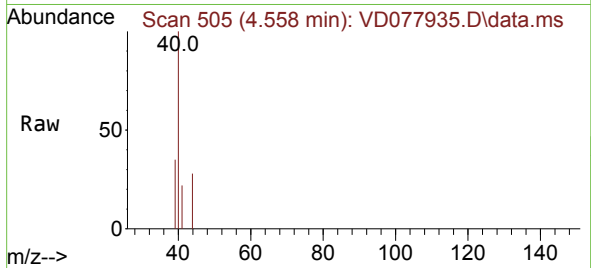




#14
 Allyl chloride
 Concen: 2.067 ug/l
 RT: 4.558 min Scan# 506
 Delta R.T. -0.005 min
 Lab File: VD077935.D
 Acq: 16 Dec 2023 15:50

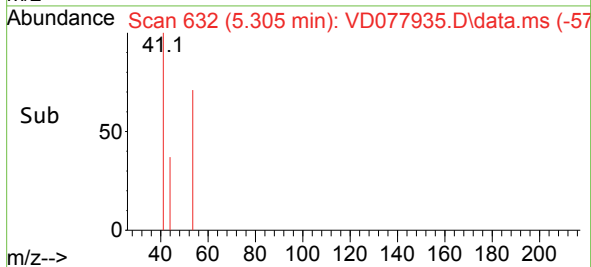
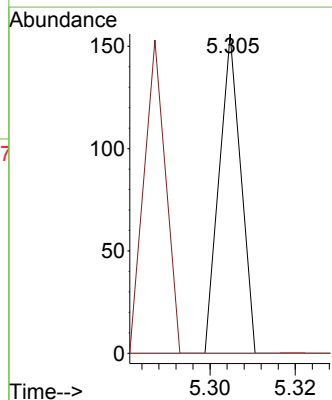
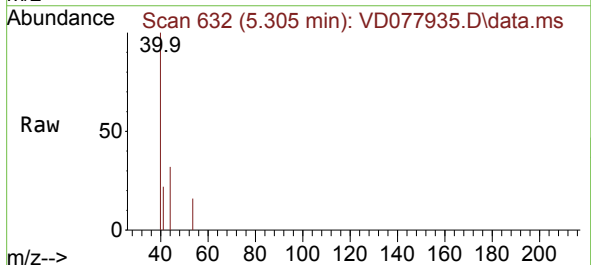
Instrument :
 MSVOA_D
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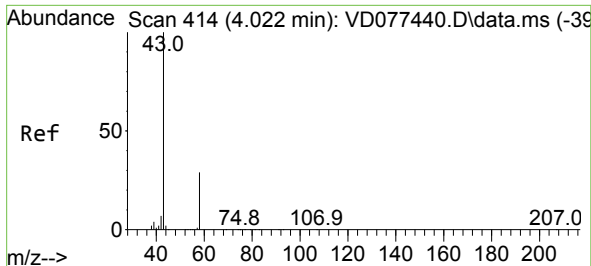
Tgt Ion: 41	Resp:	134
Ion	Ratio	Lower Upper
41	100	
39	157.5	53.8 80.6#
76	0.0	45.8 68.8#



#15
 Acrylonitrile
 Concen: 5.479 ug/l
 RT: 5.305 min Scan# 632
 Delta R.T. 0.053 min
 Lab File: VD077935.D
 Acq: 16 Dec 2023 15:50

Tgt Ion: 53	Resp:	55
Ion	Ratio	Lower Upper
53	100	
52	98.2	65.0 97.4#
51	0.0	28.3 42.5#

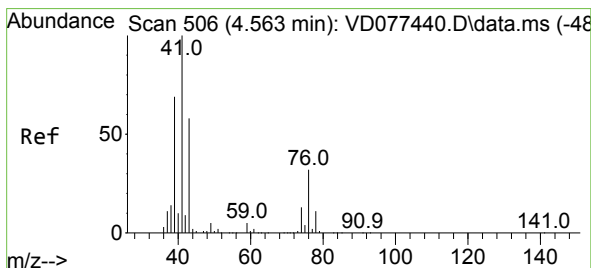
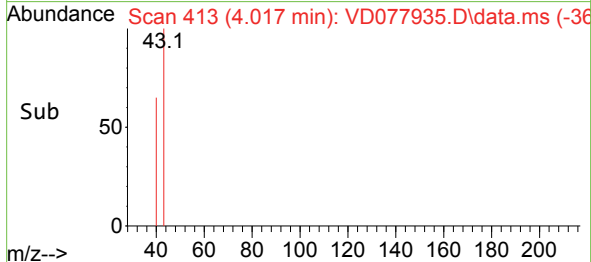
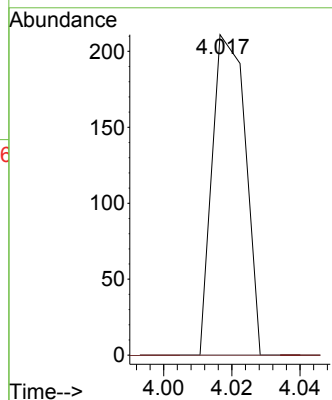
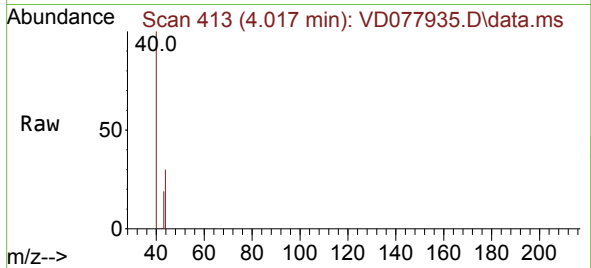




#16
Acetone
Concen: Below Cal
RT: 4.017 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

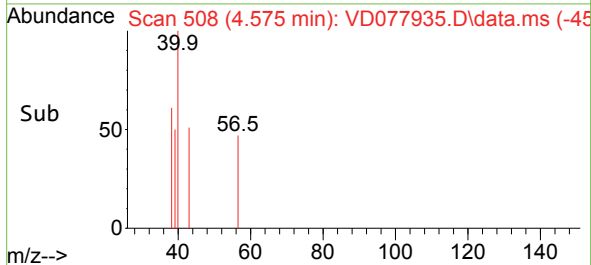
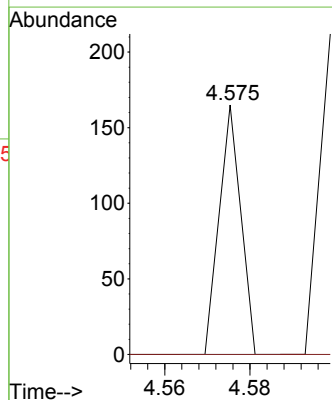
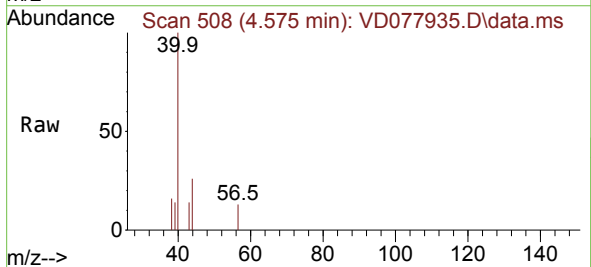
Instrument :
MSVOA_D
ClientSampleId :

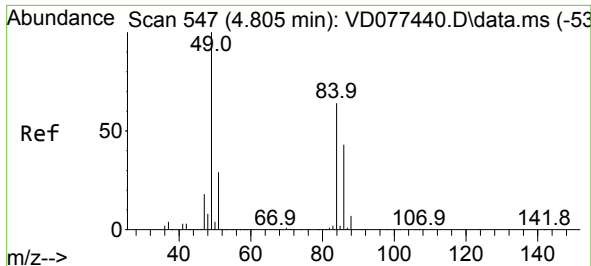
Tgt Ion: 43 Resp: 142
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#18
Methyl Acetate
Concen: 1.594 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

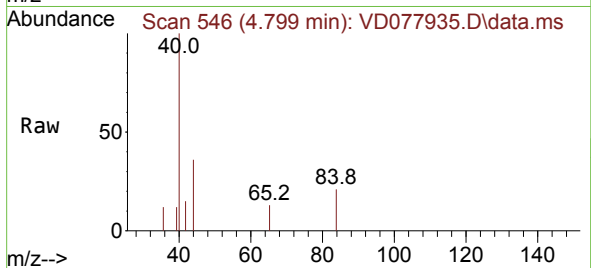
Tgt Ion: 43 Resp: 58
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



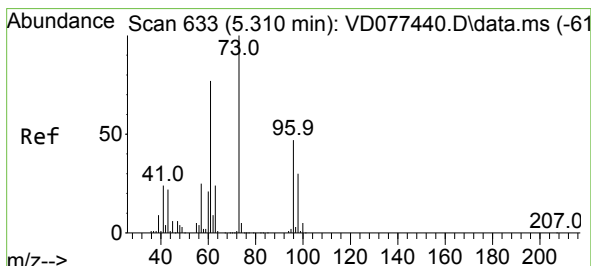
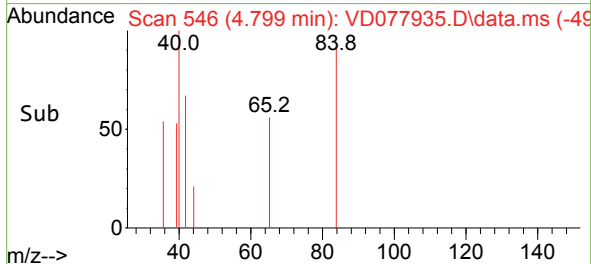
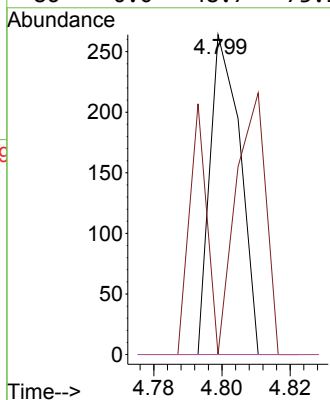


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

Instrument :
MSVOA_D
ClientSampleId :

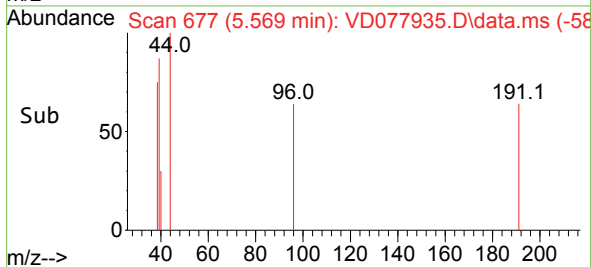
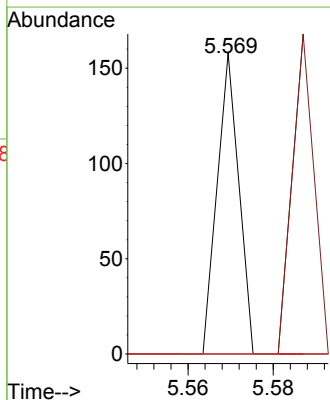
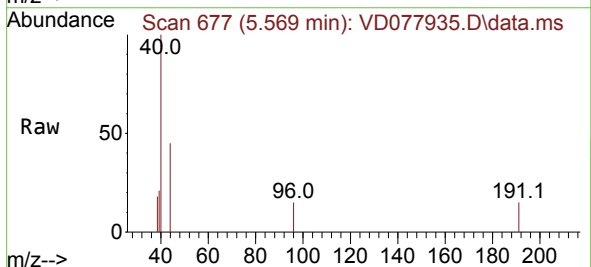


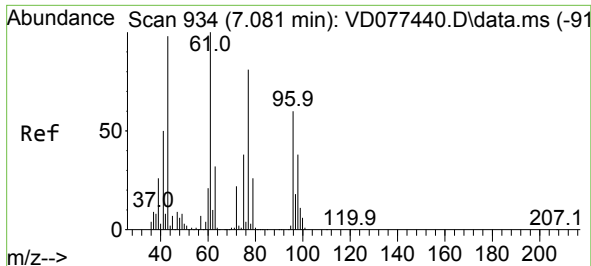
Tgt Ion:	84	Resp:	162
Ion	Ratio	Lower	Upper
84	100		
49	0.0	71.4	107.2#
51	0.0	24.5	36.7#
86	0.0	48.7	73.1#



#21
trans-1,2-Dichloroethene
Concen: 1.049 ug/l
RT: 5.569 min Scan# 677
Delta R.T. 0.259 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

Tgt Ion:	96	Resp:	56
Ion	Ratio	Lower	Upper
96	100		
61	0.0	89.3	133.9#
98	0.0	48.6	73.0#





#25

2-Butanone

Concen: Below Cal

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

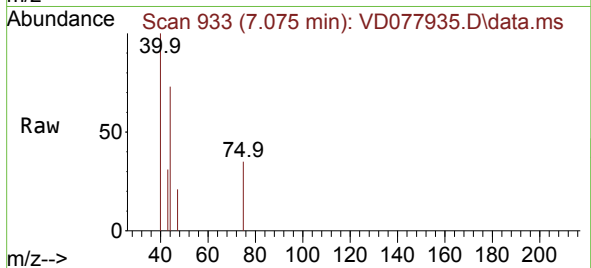
Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

Instrument :

MSVOA_D

ClientSampleId :

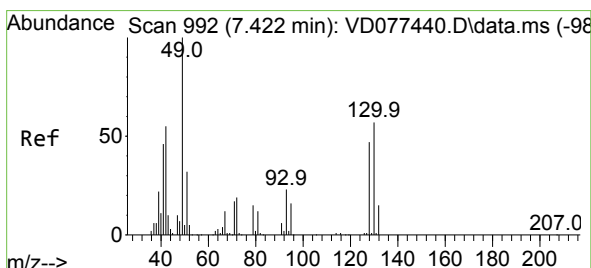
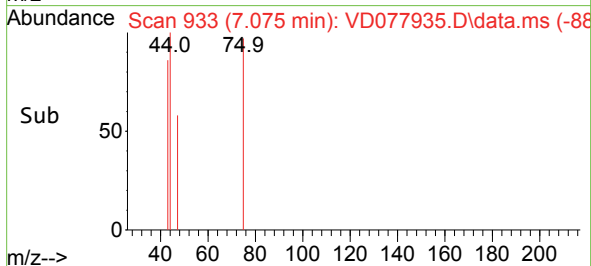
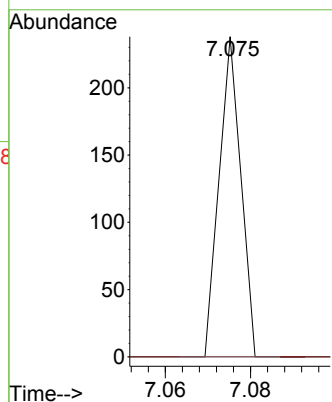


Tgt Ion: 43 Resp: 84

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#28

Bromochloromethane

Concen: 1.672 ug/l

RT: 7.393 min Scan# 987

Delta R.T. -0.029 min

Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

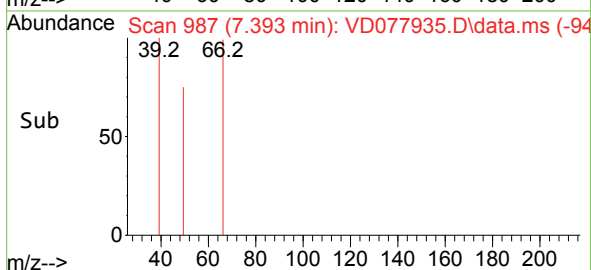
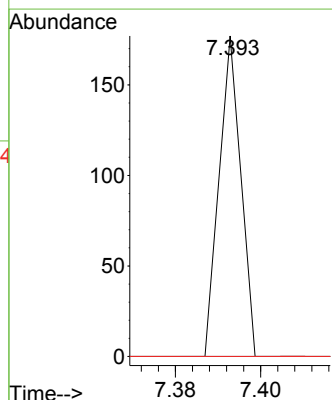
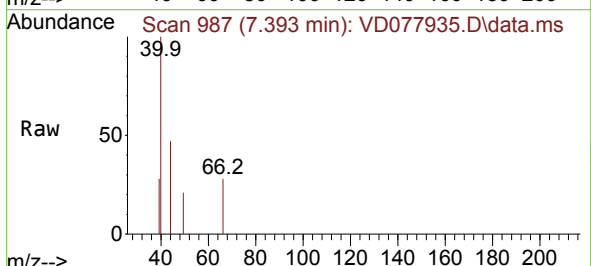
Tgt Ion: 49 Resp: 62

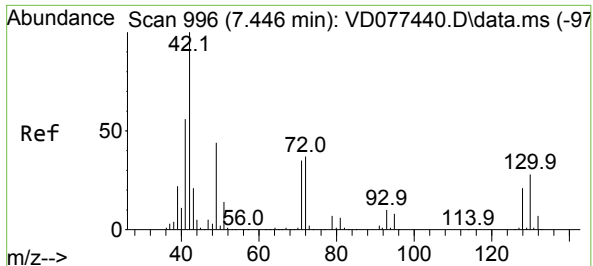
Ion Ratio Lower Upper

49 100

129 0.0 0.0 6.0

130 0.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 17.121 ug/l

RT: 7.534 min Scan# 1011

Delta R.T. 0.088 min

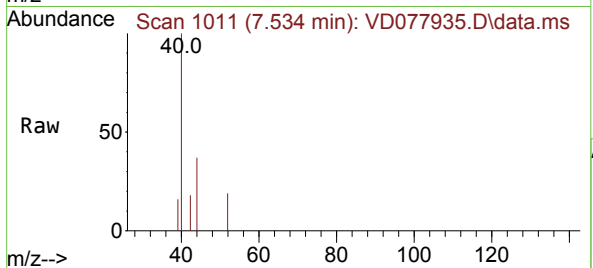
Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

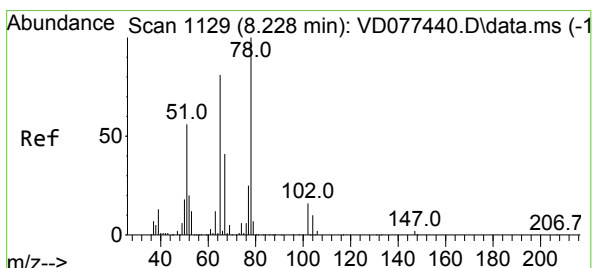
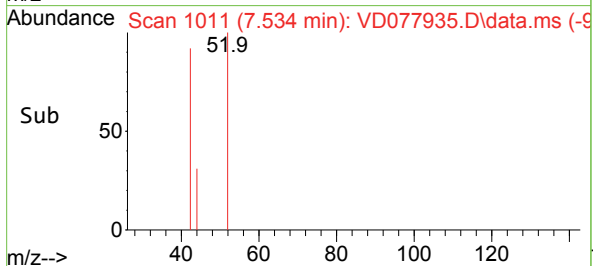
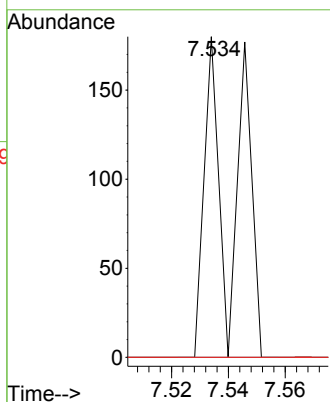
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 42	Resp:	126
Ion	Ratio	Lower Upper
42	100	
72	0.0	46.5 69.7#
71	0.0	44.5 66.7#



#33

1,2-Dichloroethane-d4

Concen: 62.490 ug/l

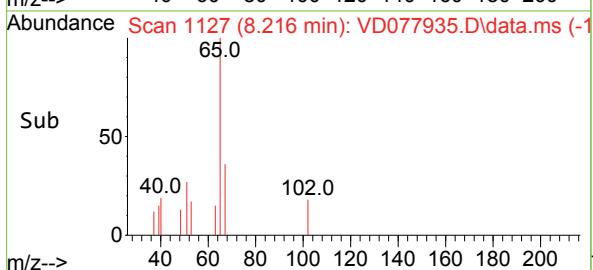
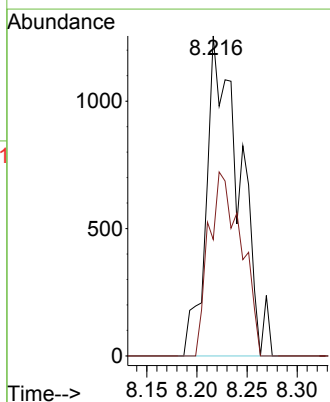
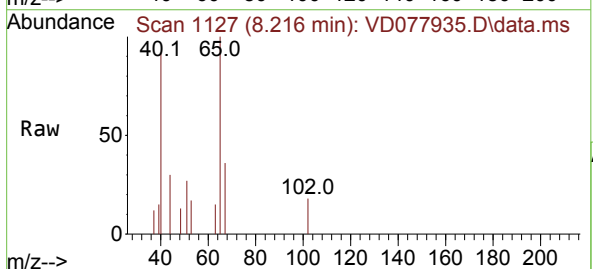
RT: 8.216 min Scan# 1127

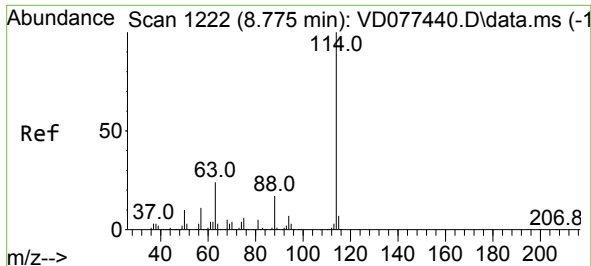
Delta R.T. -0.012 min

Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

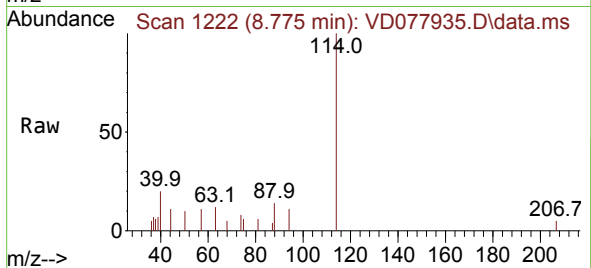
Tgt Ion: 65	Resp:	2888
Ion	Ratio	Lower Upper
65	100	
67	56.2	0.0 115.0



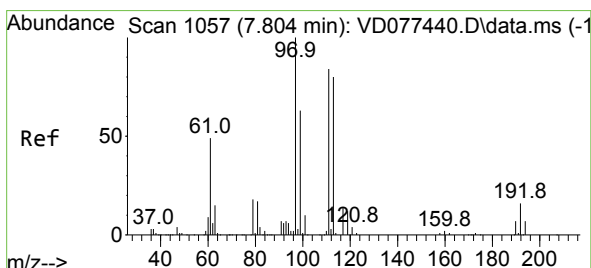
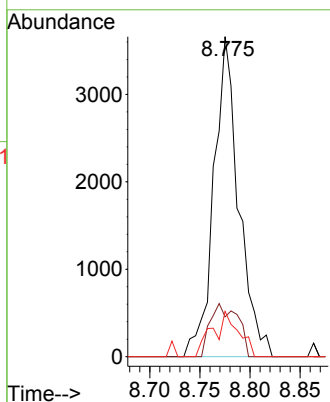
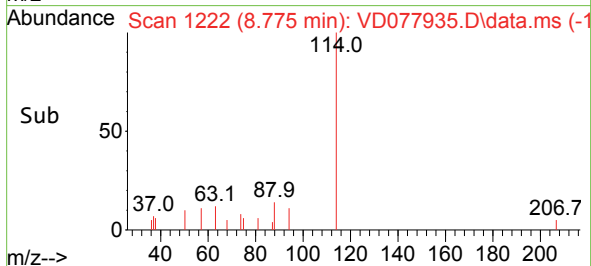


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

Instrument :
MSVOA_D
ClientSampleId :

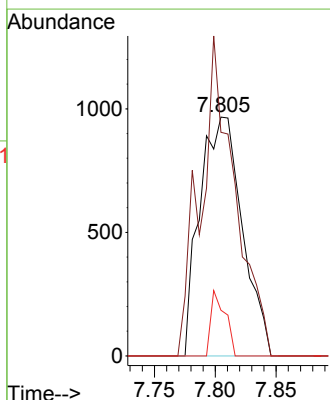
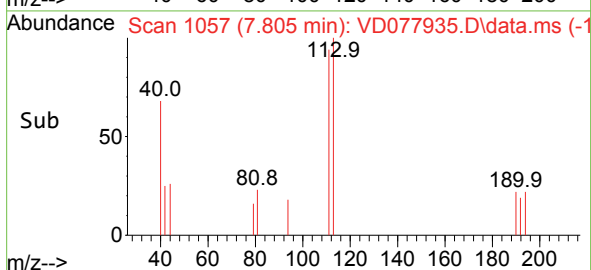
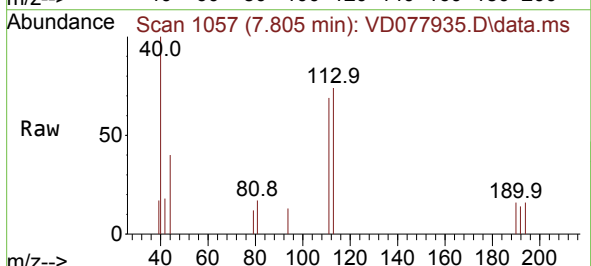


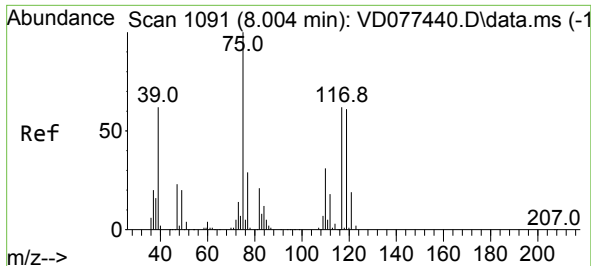
Tgt Ion:114 Resp: 6335
Ion Ratio Lower Upper
114 100
63 12.5 0.0 33.4
88 14.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 52.936 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

Tgt Ion:113 Resp: 2349
Ion Ratio Lower Upper
113 100
111 107.9 84.7 127.1
192 9.2 16.8 25.2#





#36

1,1-Dichloropropene

Concen: 3.635 ug/l

RT: 7.887 min Scan# 1091

Delta R.T. -0.117 min

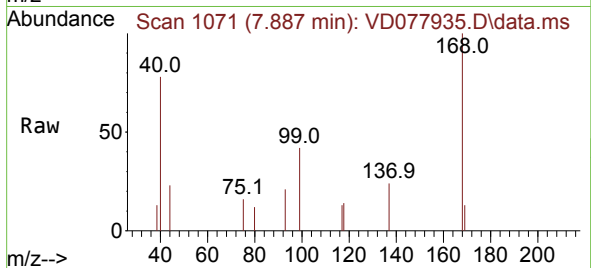
Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

Instrument :

MSVOA_D

ClientSampleId :



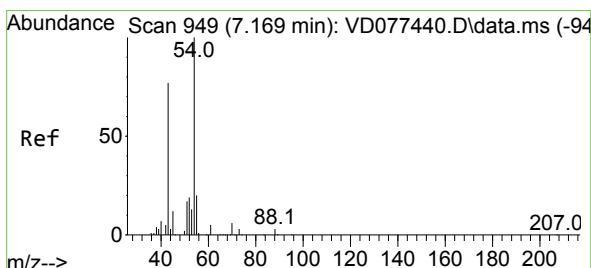
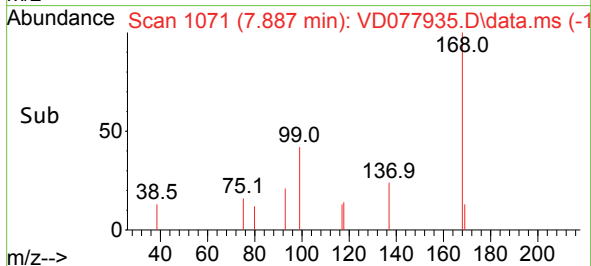
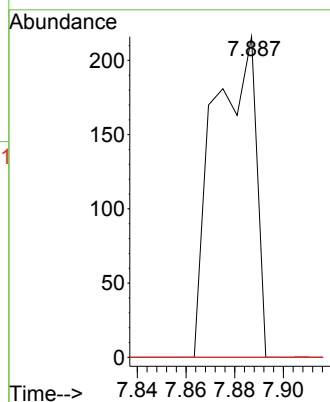
Tgt Ion: 75 Resp: 258

Ion Ratio Lower Upper

75 100

110 0.0 19.9 59.6#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 2.096 ug/l

RT: 7.240 min Scan# 961

Delta R.T. 0.071 min

Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

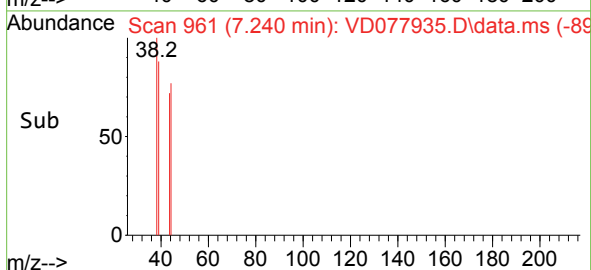
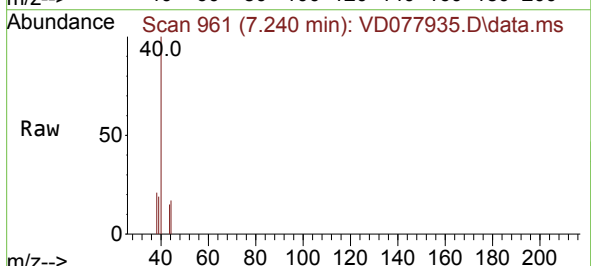
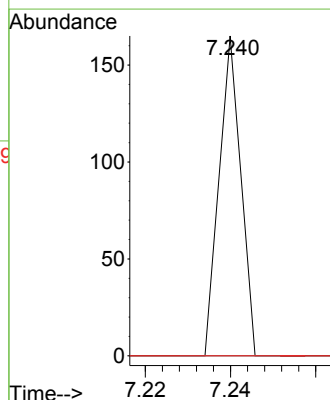
Tgt Ion: 43 Resp: 58

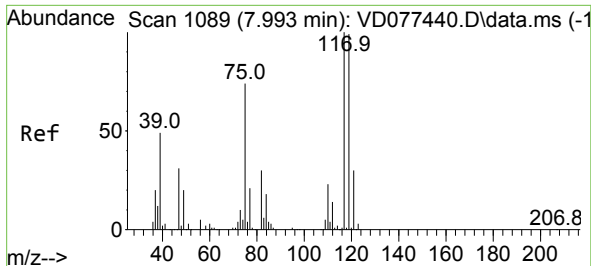
Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

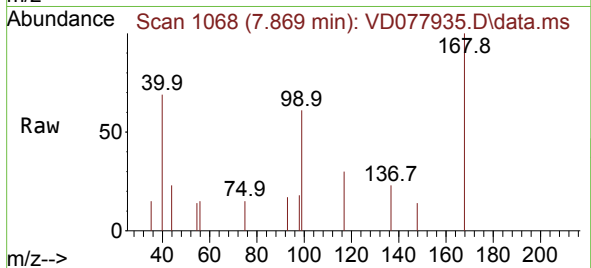
70 0.0 10.0 15.0#



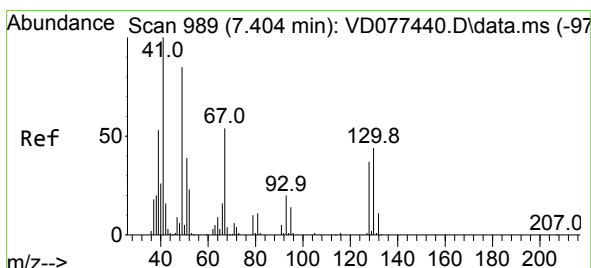
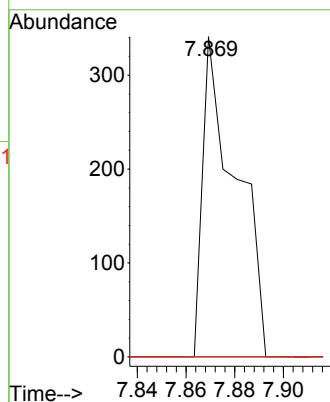
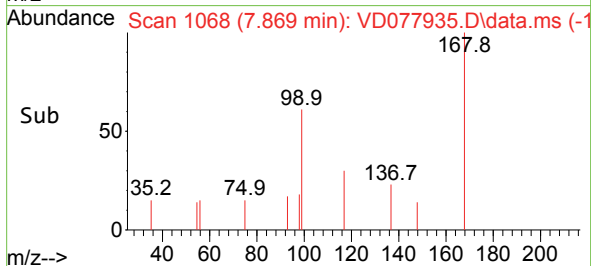


#38
Carbon Tetrachloride
Concen: 4.565 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

Instrument :
MSVOA_D
ClientSampleId :

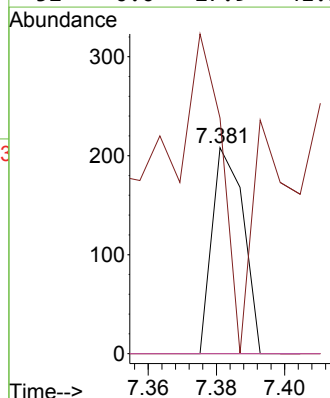
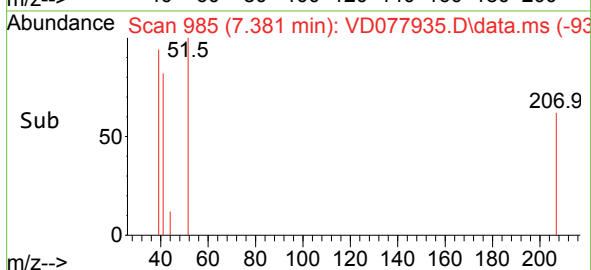
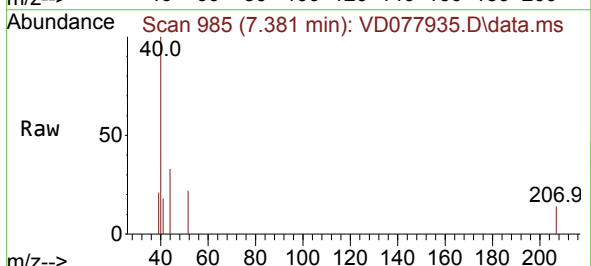


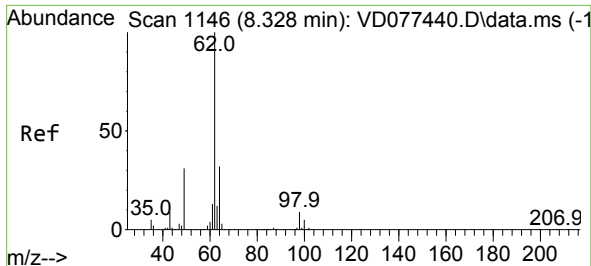
Tgt Ion:117 Resp: 323
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 9.455 ug/l
RT: 7.381 min Scan# 985
Delta R.T. -0.023 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

Tgt Ion: 41 Resp: 133
Ion Ratio Lower Upper
41 100
39 389.5 34.0 51.0#
67 0.0 77.0 115.4#
52 0.0 27.9 41.9#





#42

1,2-Dichloroethane

Concen: 1.340 ug/l

RT: 8.269 min Scan# 1116

Delta R.T. -0.059 min

Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

Instrument :

MSVOA_D

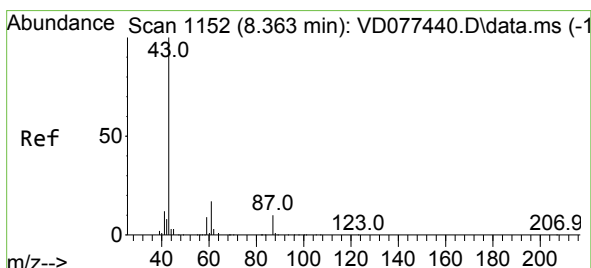
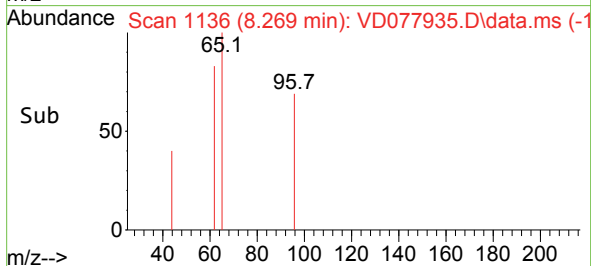
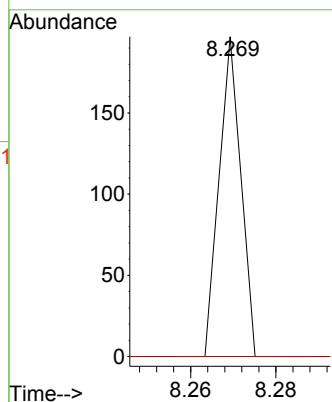
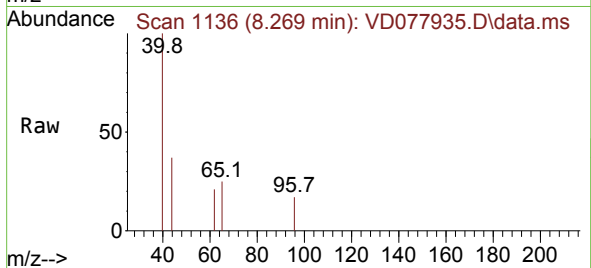
ClientSampleId :

Tgt Ion: 62 Resp: 70

Ion Ratio Lower Upper

62 100

98 0.0 0.0 25.4



#43

Isopropyl Acetate

Concen: 1.748 ug/l

RT: 8.463 min Scan# 1169

Delta R.T. 0.100 min

Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

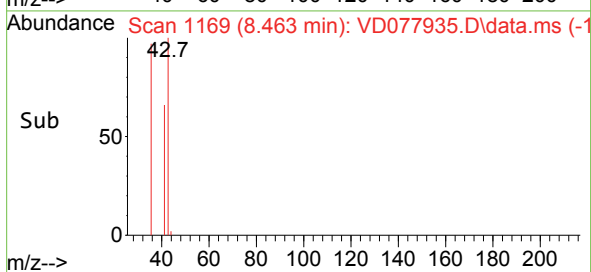
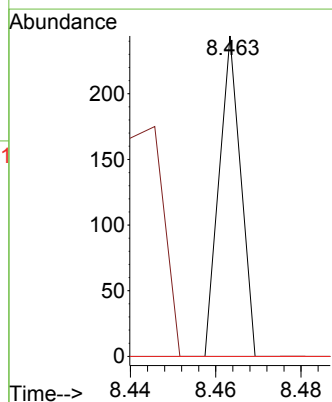
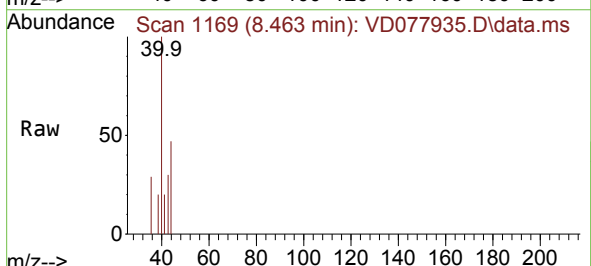
Tgt Ion: 43 Resp: 86

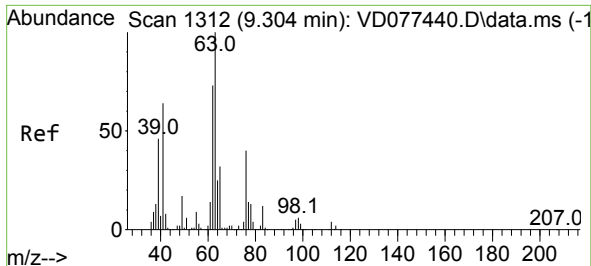
Ion Ratio Lower Upper

43 100

61 139.5 31.4 47.0#

87 0.0 14.9 22.3#





#45

1,2-Dichloropropane

Concen: 1.286 ug/l

RT: 9.093 min Scan# 1310

Delta R.T. -0.211 min

Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

Instrument :

MSVOA_D

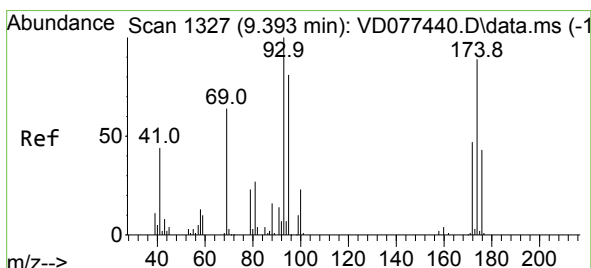
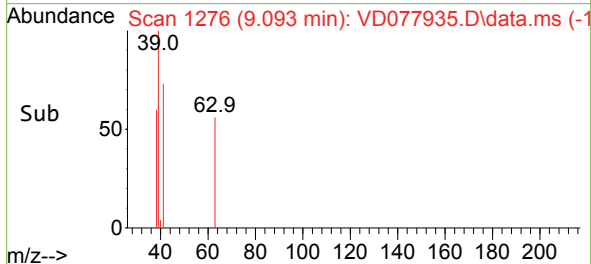
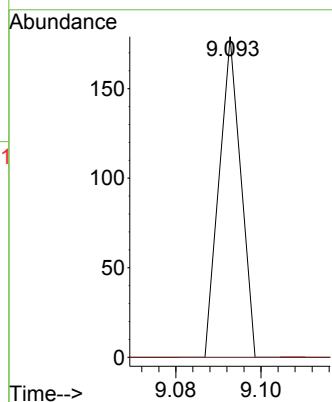
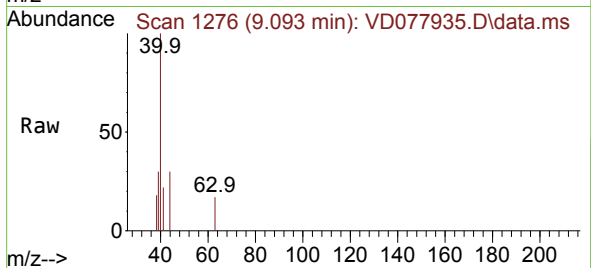
ClientSampleId :

Tgt Ion: 63 Resp: 63

Ion Ratio Lower Upper

63 100

65 0.0 24.5 36.7#



#46

Dibromomethane

Concen: 2.393 ug/l

RT: 9.293 min Scan# 1310

Delta R.T. -0.100 min

Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

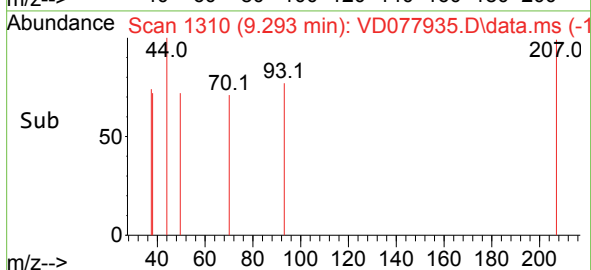
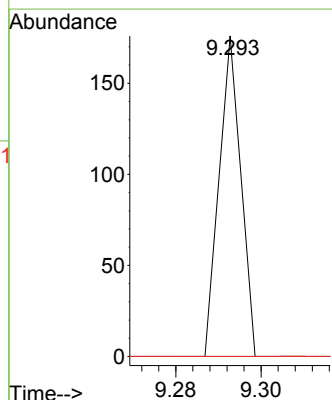
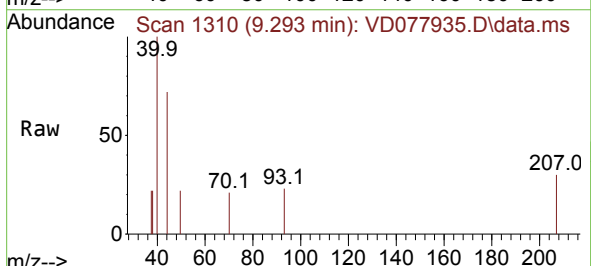
Tgt Ion: 93 Resp: 62

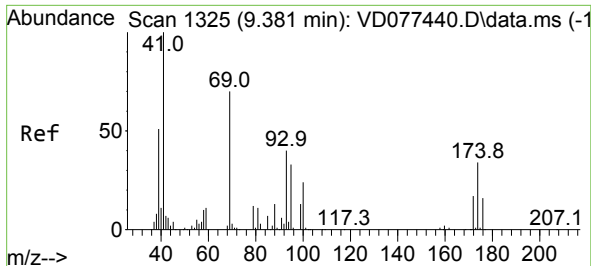
Ion Ratio Lower Upper

93 100

95 0.0 67.7 101.5#

174 0.0 85.4 128.2#





#48

Methyl methacrylate

Concen: 8.939 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.012 min

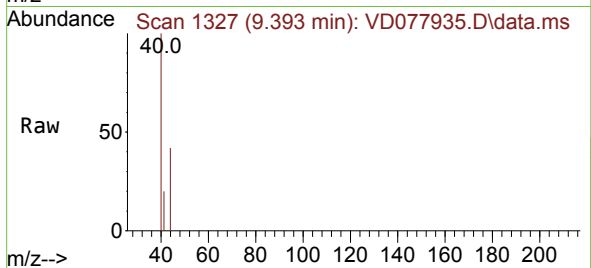
Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

Instrument :

MSVOA_D

ClientSampleId :



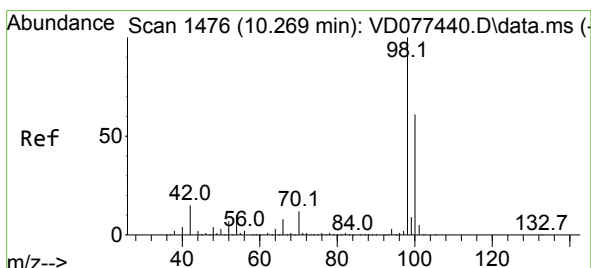
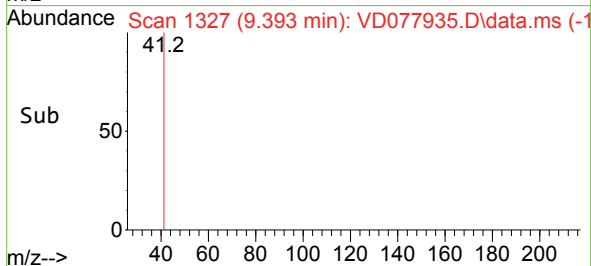
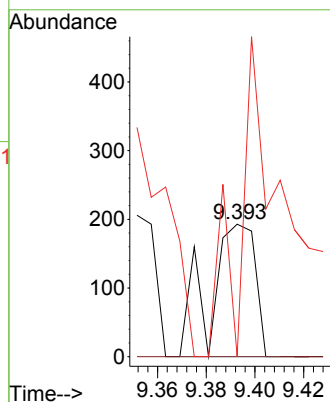
Tgt Ion: 41 Resp: 250

Ion Ratio Lower Upper

41 100

69 0.0 102.2 153.2#

39 238.0 41.4 62.2#



#50

Toluene-d8

Concen: 42.853 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077935.D

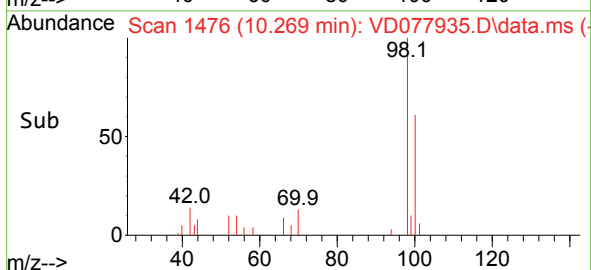
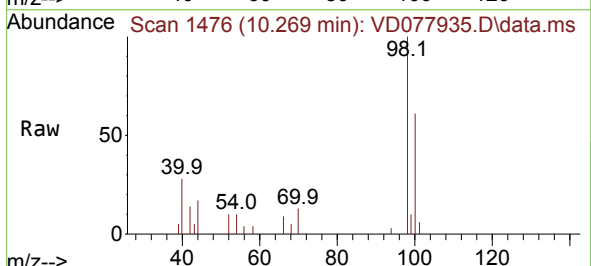
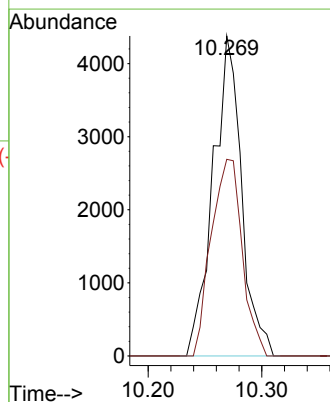
Acq: 16 Dec 2023 15:50

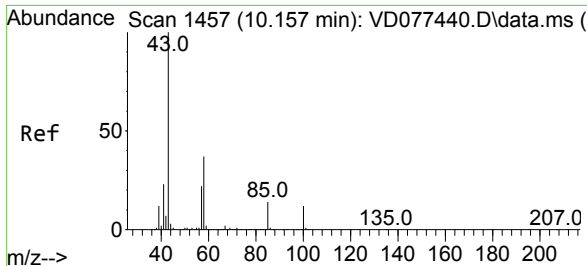
Tgt Ion: 98 Resp: 7616

Ion Ratio Lower Upper

98 100

100 67.0 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 5.177 ug/l

RT: 10.146 min Scan# 1455

Delta R.T. -0.011 min

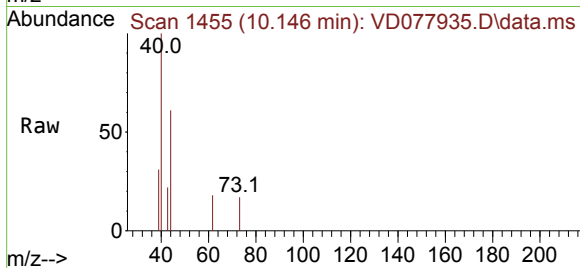
Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

Instrument :

MSVOA_D

ClientSampleId :

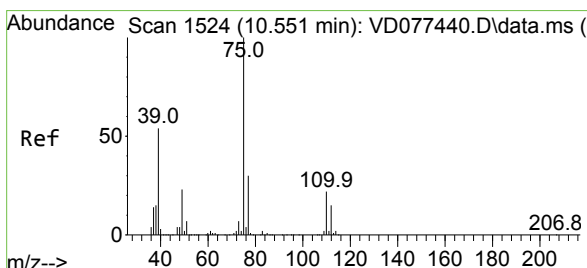
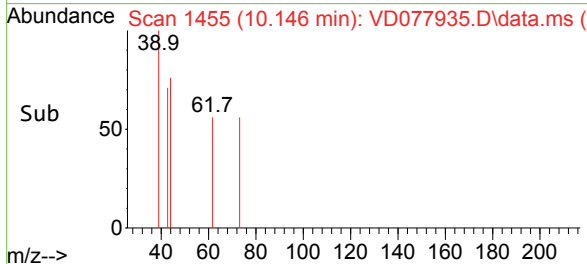
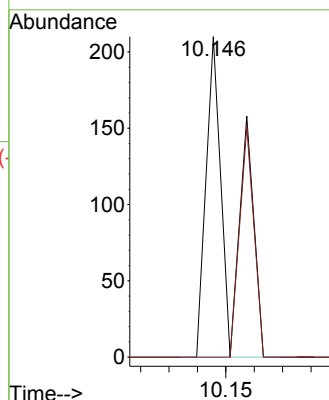


Tgt Ion: 43 Resp: 130

Ion Ratio Lower Upper

43 100

58 40.8 38.9 58.3



#53

t-1,3-Dichloropropene

Concen: 1.110 ug/l

RT: 10.540 min Scan# 1522

Delta R.T. -0.011 min

Lab File: VD077935.D

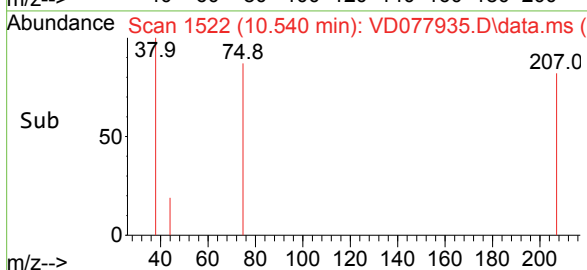
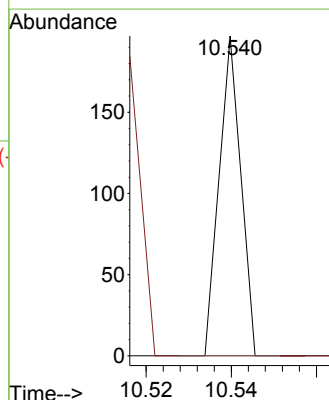
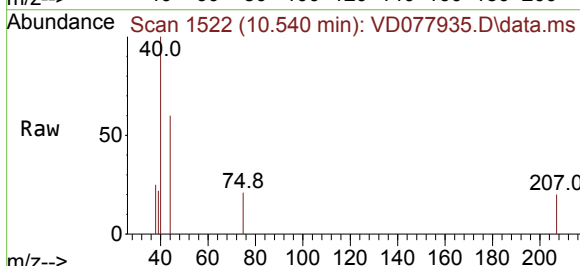
Acq: 16 Dec 2023 15:50

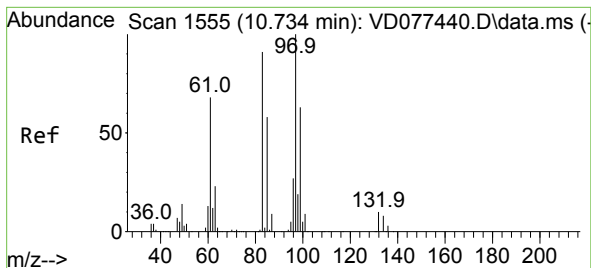
Tgt Ion: 75 Resp: 70

Ion Ratio Lower Upper

75 100

77 0.0 25.3 37.9#





#55

1,1,2-Trichloroethane

Concen: 1.919 ug/l

RT: 10.787 min Scan# 1

Delta R.T. 0.053 min

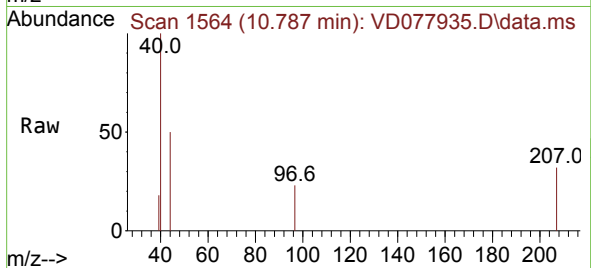
Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 68

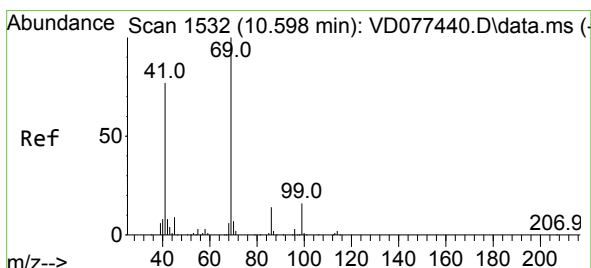
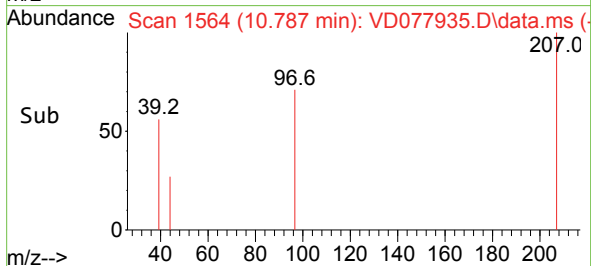
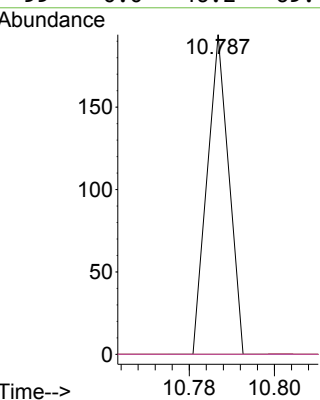
Ion Ratio Lower Upper

97 100

83 0.0 65.8 98.6#

85 0.0 45.7 68.5#

99 0.0 46.2 69.4#



#56

Ethyl methacrylate

Concen: 1.888 ug/l

RT: 10.416 min Scan# 1501

Delta R.T. -0.182 min

Lab File: VD077935.D

Acq: 16 Dec 2023 15:50

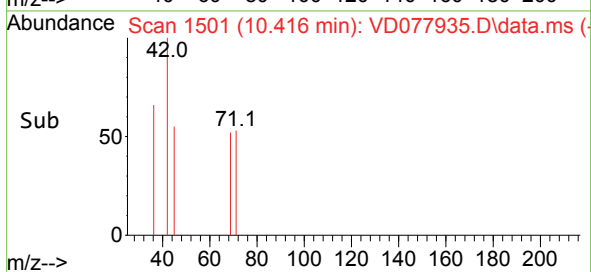
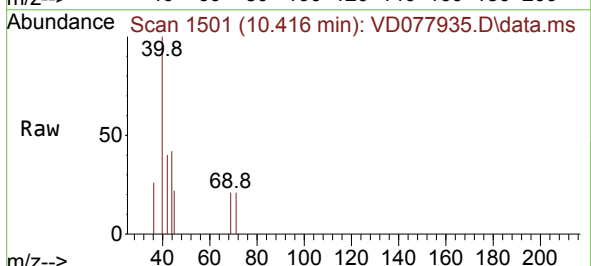
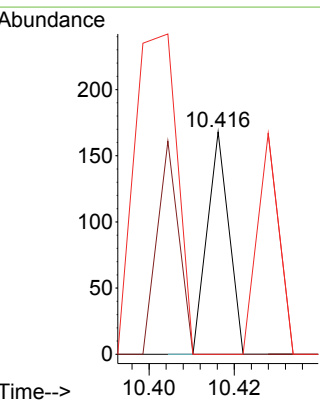
Tgt Ion: 69 Resp: 59

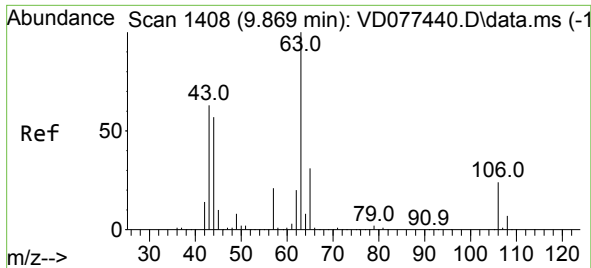
Ion Ratio Lower Upper

69 100

41 0.0 39.1 58.7#

39 100.0 20.0 30.0#

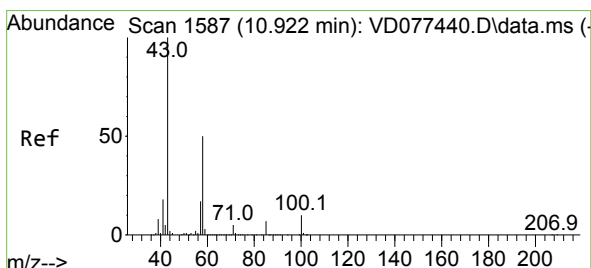
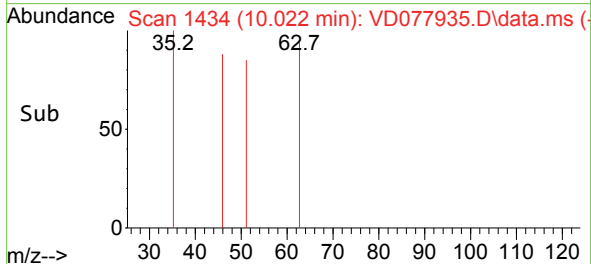
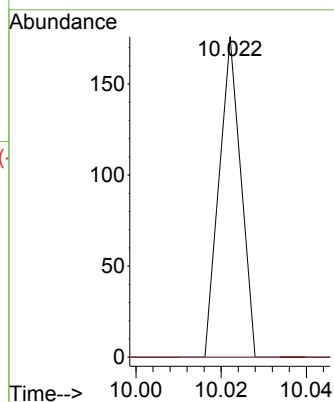
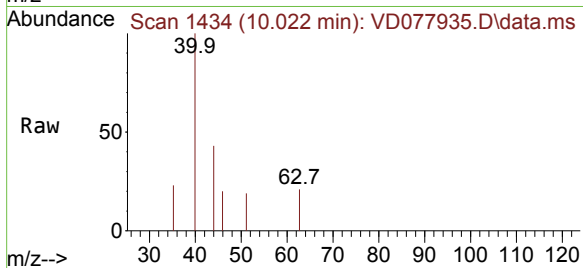




#58
2-Chloroethyl Vinyl ether
Concen: 3.480 ug/l
RT: 10.022 min Scan# 1408
Delta R.T. 0.153 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

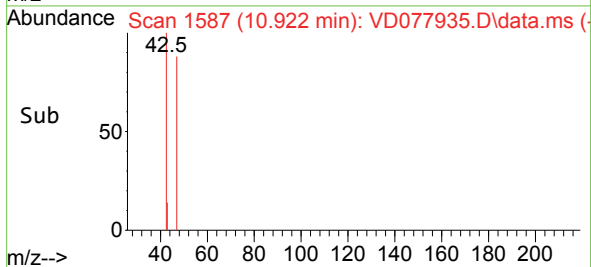
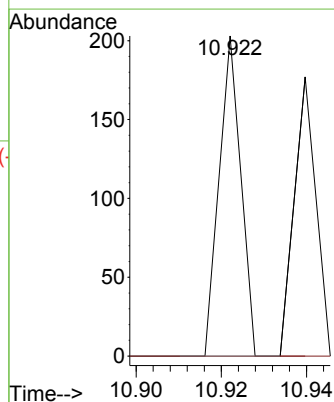
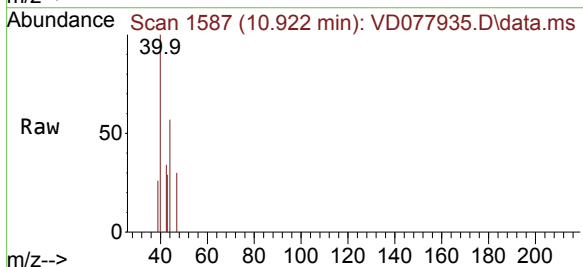
Instrument :
MSVOA_D
ClientSampleId :

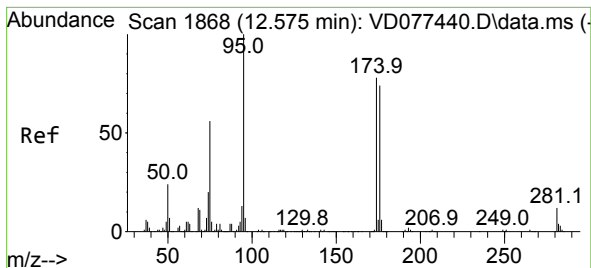
Tgt Ion: 63 Resp: 62
Ion Ratio Lower Upper
63 100
106 0.0 25.3 37.9#



#59
2-Hexanone
Concen: 3.456 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
58 0.0 34.1 102.2#

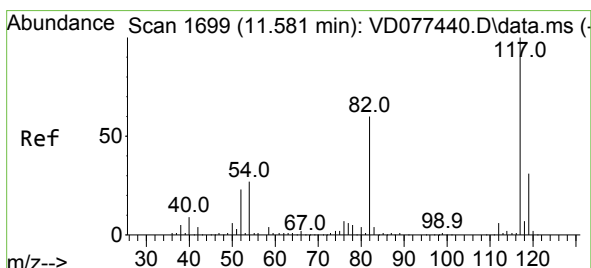
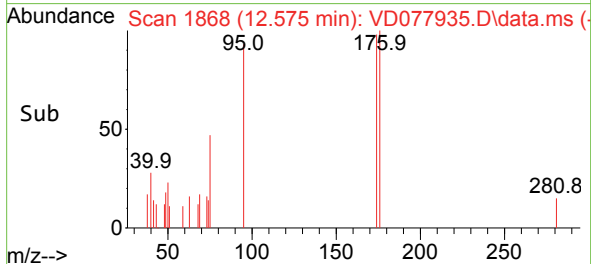
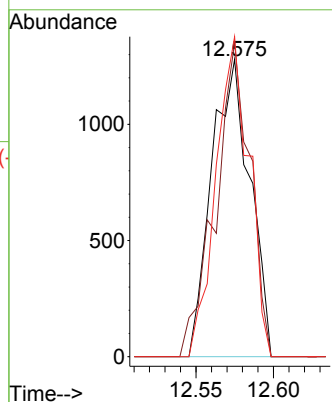
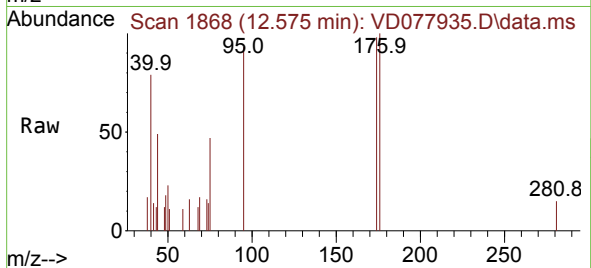




#62
4-Bromofluorobenzene
Concen: 41.291 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

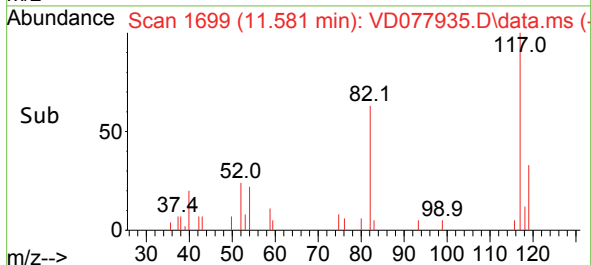
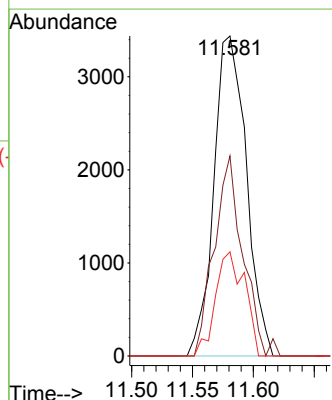
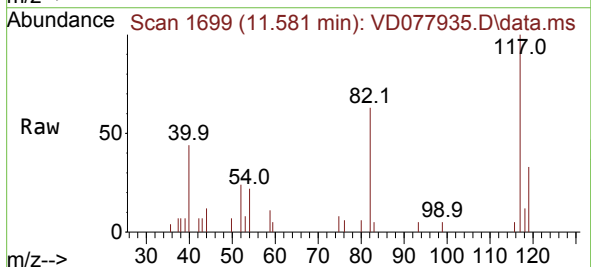
Instrument :
MSVOA_D
ClientSampleId :

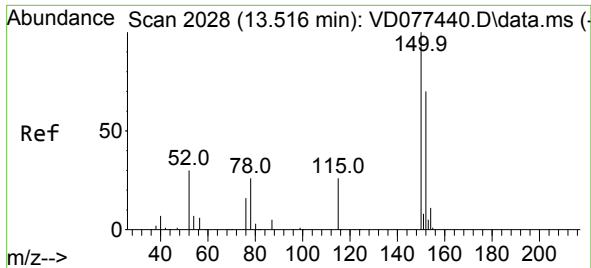
Tgt Ion: 95 Resp: 2194
Ion Ratio Lower Upper
95 100
174 95.7 0.0 201.8
176 93.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

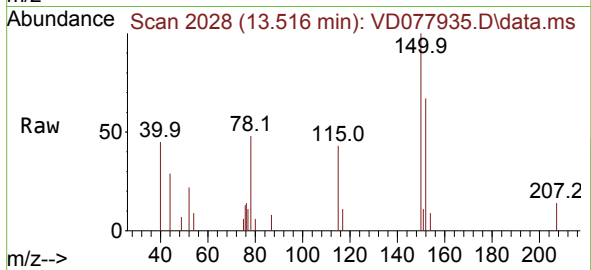
Tgt Ion: 117 Resp: 6377
Ion Ratio Lower Upper
117 100
82 62.5 38.3 57.5#
119 32.5 25.0 37.4



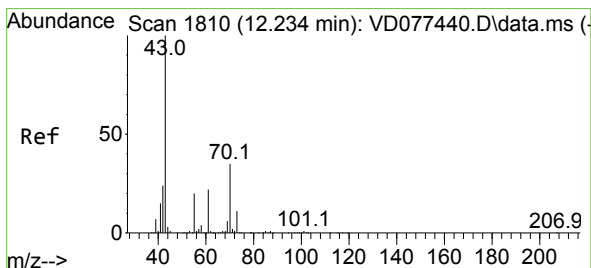
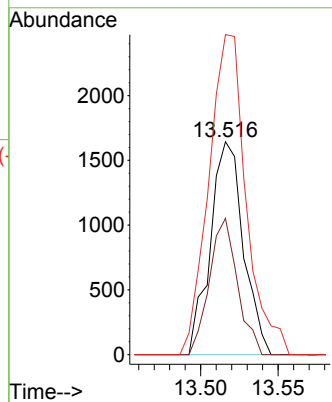
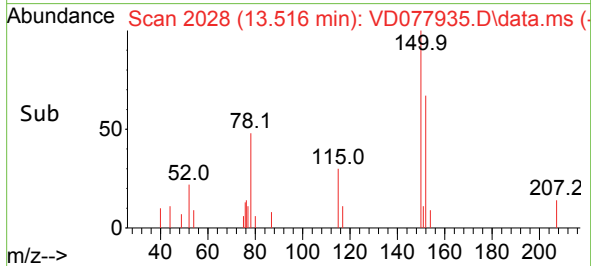


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD077935.D
 Acq: 16 Dec 2023 15:50

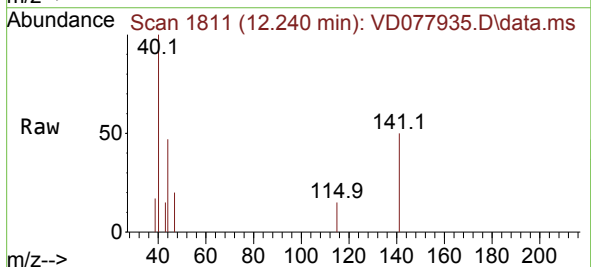
Instrument :
 MSVOA_D
 ClientSampleId :



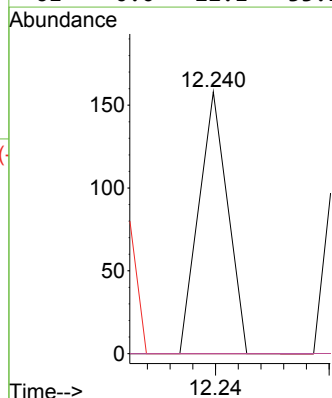
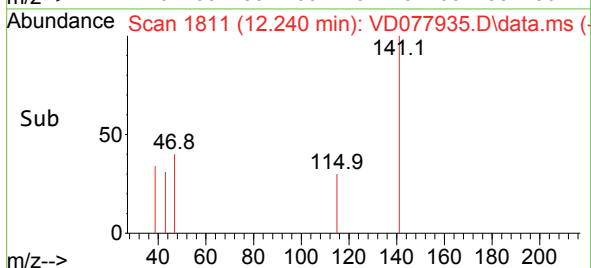
Tgt Ion:152 Resp: 2442
 Ion Ratio Lower Upper
 152 100
 115 54.3 27.1 81.3
 150 169.8 0.0 353.6

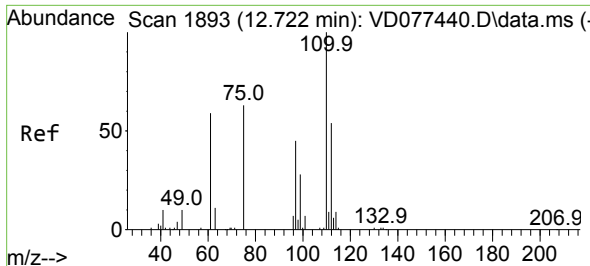


#74
 N-ethyl acetate
 Concen: 1.539 ug/l
 RT: 12.240 min Scan# 1811
 Delta R.T. 0.006 min
 Lab File: VD077935.D
 Acq: 16 Dec 2023 15:50



Tgt Ion: 43 Resp: 56
 Ion Ratio Lower Upper
 43 100
 70 0.0 45.0 67.4#
 55 0.0 23.8 35.6#
 61 0.0 22.1 33.1#

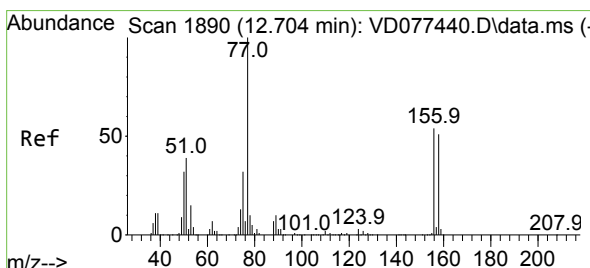
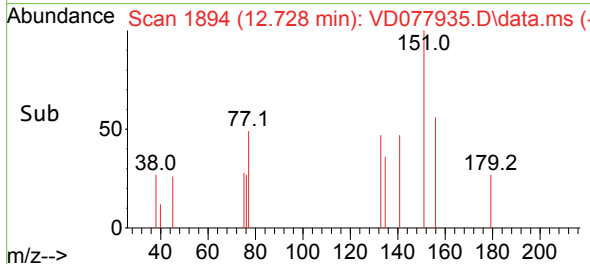
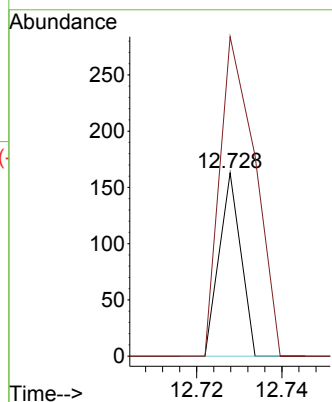
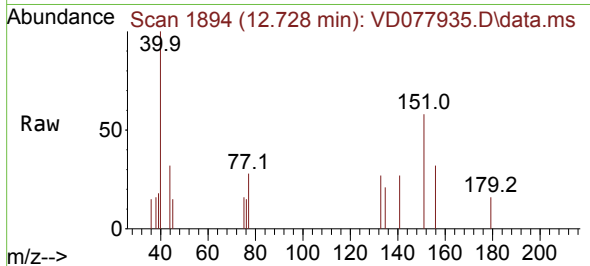




#76
1,2,3-Trichloropropane
Concen: 2.735 ug/l
RT: 12.728 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

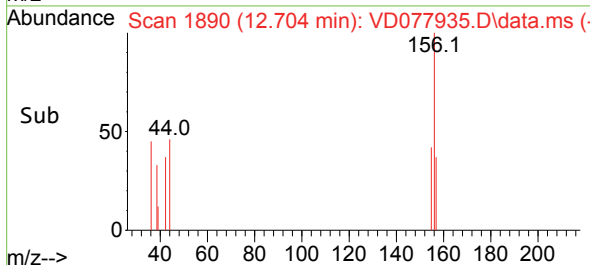
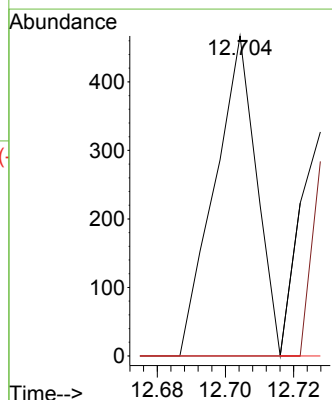
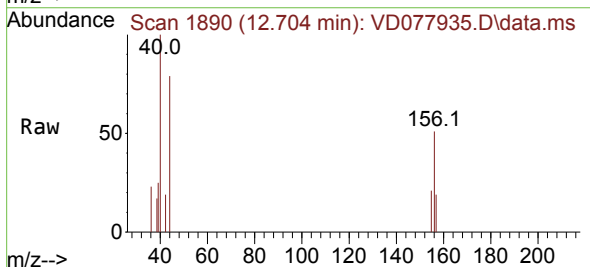
Instrument :
MSVOA_D
ClientSampleId :

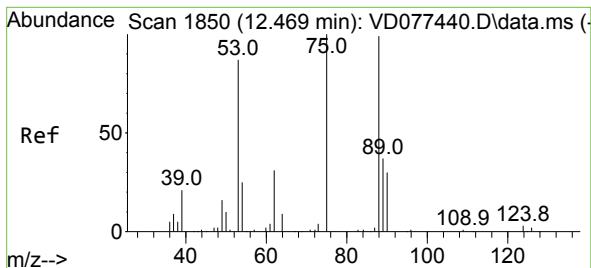
Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
77 281.0 0.0 0.0#



#77
Bromobenzene
Concen: 9.119 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

Tgt Ion: 156 Resp: 397
Ion Ratio Lower Upper
156 100
77 0.0 76.8 230.4#
158 0.0 48.6 145.9#

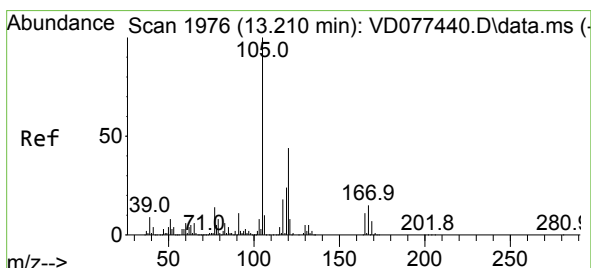
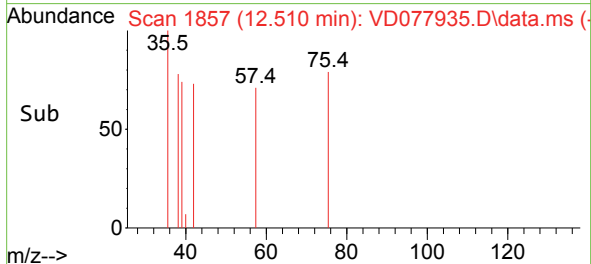
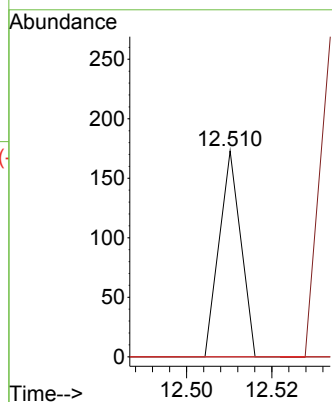
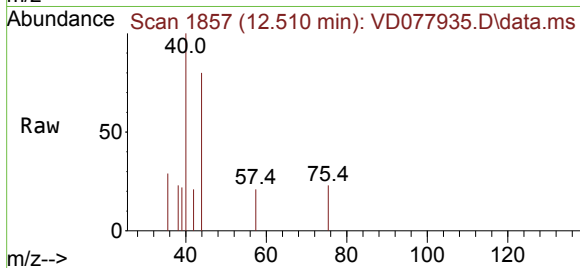




#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.827 ug/l
 RT: 12.510 min Scan# 1850
 Delta R.T. 0.041 min
 Lab File: VD077935.D
 Acq: 16 Dec 2023 15:50

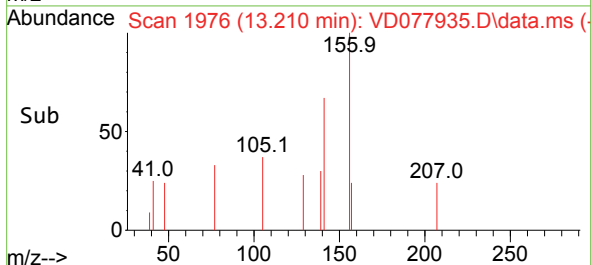
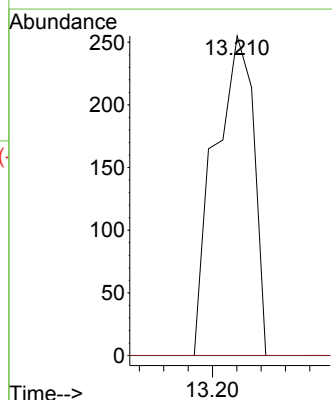
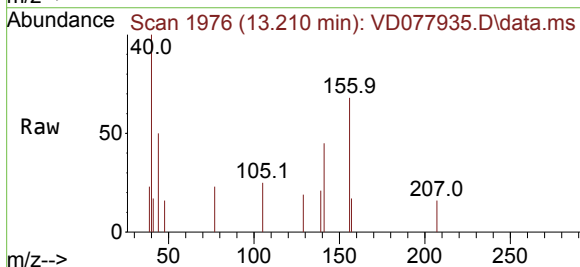
Instrument :
 MSVOA_D
 ClientSampleId :

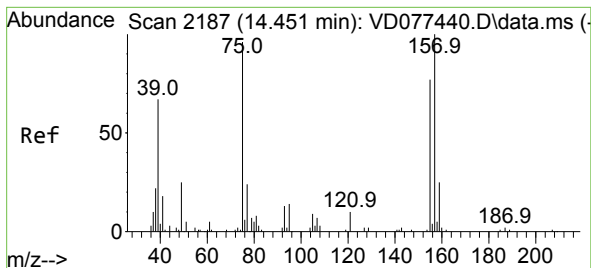
Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 1.846 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD077935.D
 Acq: 16 Dec 2023 15:50

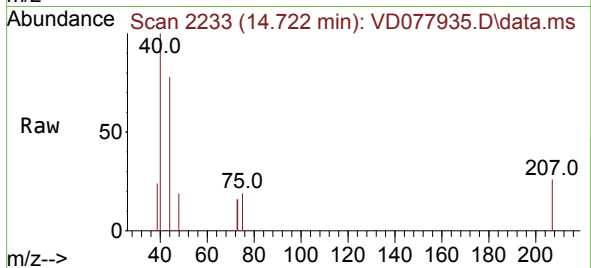
Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	24.3	72.9#



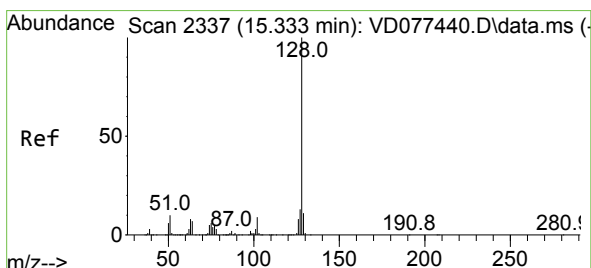
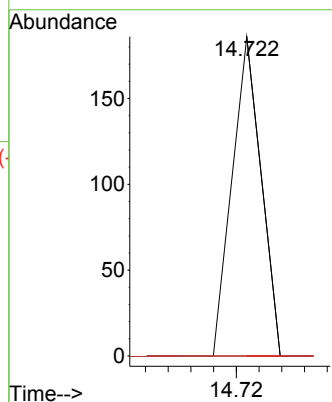
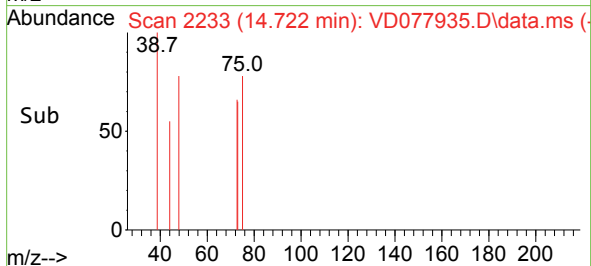


#92
1,2-Dibromo-3-Chloropropane
Concen: 13.401 ug/l
RT: 14.722 min Scan# 2187
Delta R.T. 0.271 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50

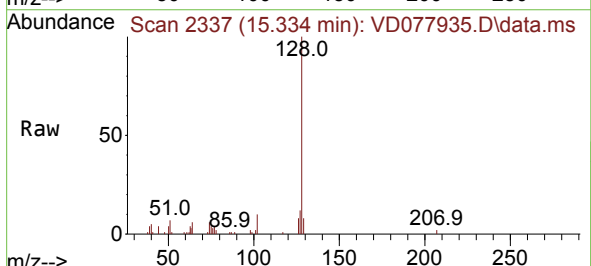
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 66
Ion Ratio Lower Upper
75 100
155 0.0 47.9 143.8#
157 0.0 59.9 179.7#



#95
Naphthalene
Concen: 429.008 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD077935.D
Acq: 16 Dec 2023 15:50



Tgt Ion: 128 Resp: 36864
Ion Ratio Lower Upper
128 100
127 12.0 10.5 15.7
129 8.3 8.7 13.1#

