

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078200.D
 Acq On : 22 Jan 2024 19:32
 Operator : RP/MD
 Sample : BLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 23 05:50:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	153231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	311518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	299869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	124145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68643	39.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.480%
35) Dibromofluoromethane	7.810	113	88753	43.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.580%
50) Toluene-d8	10.275	98	385261	47.457	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.575	95	108619	46.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.280%
Target Compounds						
					Qvalue	
3) Chloromethane	2.164	50	695	Below Cal	#	41
8) Diethyl Ether	3.593	74	1075	1.173	ug/l	91
11) Tert butyl alcohol	5.040	59	399	4.633	ug/l	# 73
13) Acrolein	3.805	56	2139	10.820	ug/l	# 76
15) Acrylonitrile	5.263	53	5668	13.786	ug/l	# 80
16) Acetone	4.034	43	6198	Below Cal		98
18) Methyl Acetate	4.563	43	3465	2.302	ug/l	# 74
19) Methyl tert-butyl Ether	5.322	73	4800	1.214	ug/l	# 89
20) Methylene Chloride	4.828	84	3785	Below Cal	#	73
23) Vinyl Acetate	6.169	43	13545	5.194	ug/l	100
25) 2-Butanone	7.093	43	7037	2.593	ug/l	95
29) Tetrahydrofuran	7.457	42	3572	12.377	ug/l	# 77
31) Cyclohexane	7.881	56	4054	1.253	ug/l	# 36
36) 1,1-Dichloropropene	7.887	75	14513	4.305	ug/l	# 46
37) Ethyl Acetate	7.175	43	2144	1.708	ug/l	# 75
38) Carbon Tetrachloride	7.881	117	17334	5.206	ug/l	# 14
41) Methacrylonitrile	7.410	41	821	1.191	ug/l	# 65
43) Isopropyl Acetate	8.369	43	3521	1.531	ug/l	# 76
46) Dibromomethane	9.393	93	1320	1.012	ug/l	# 88
48) Methyl methacrylate	9.381	41	1939	1.456	ug/l	# 79
49) 1,4-Dioxane	9.381	88	412	32.658	ug/l	96
51) 4-Methyl-2-Pentanone	10.163	43	9886	8.182	ug/l	89
56) Ethyl methacrylate	10.598	69	1576	1.104	ug/l	# 61
57) 1,3-Dichloropropane	10.881	76	3027	1.015	ug/l	# 88
58) 2-Chloroethyl Vinyl ether	9.869	63	6564	7.670	ug/l	93
59) 2-Hexanone	10.928	43	8299	8.452	ug/l	83
61) 1,2-Dibromoethane	11.181	107	1798	1.118	ug/l	96
71) Bromoform	12.298	173	1539	1.313	ug/l	# 100
74) N-amyl acetate	12.239	43	2644	1.416	ug/l	# 82
75) 1,1,2,2-Tetrachloroethane	12.675	83	2858	1.574	ug/l	# 83
76) 1,2,3-Trichloropropane	12.722	75	3507	2.945	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	58256	105.388	ug/l	# 17
92) 1,2-Dibromo-3-Chloropr...	14.451	75	405	1.560	ug/l	88
95) Naphthalene	15.328	128	6457	1.499	ug/l	# 87
96) 1,2,3-Trichlorobenzene	15.522	180	1996	1.033	ug/l	94

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Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration

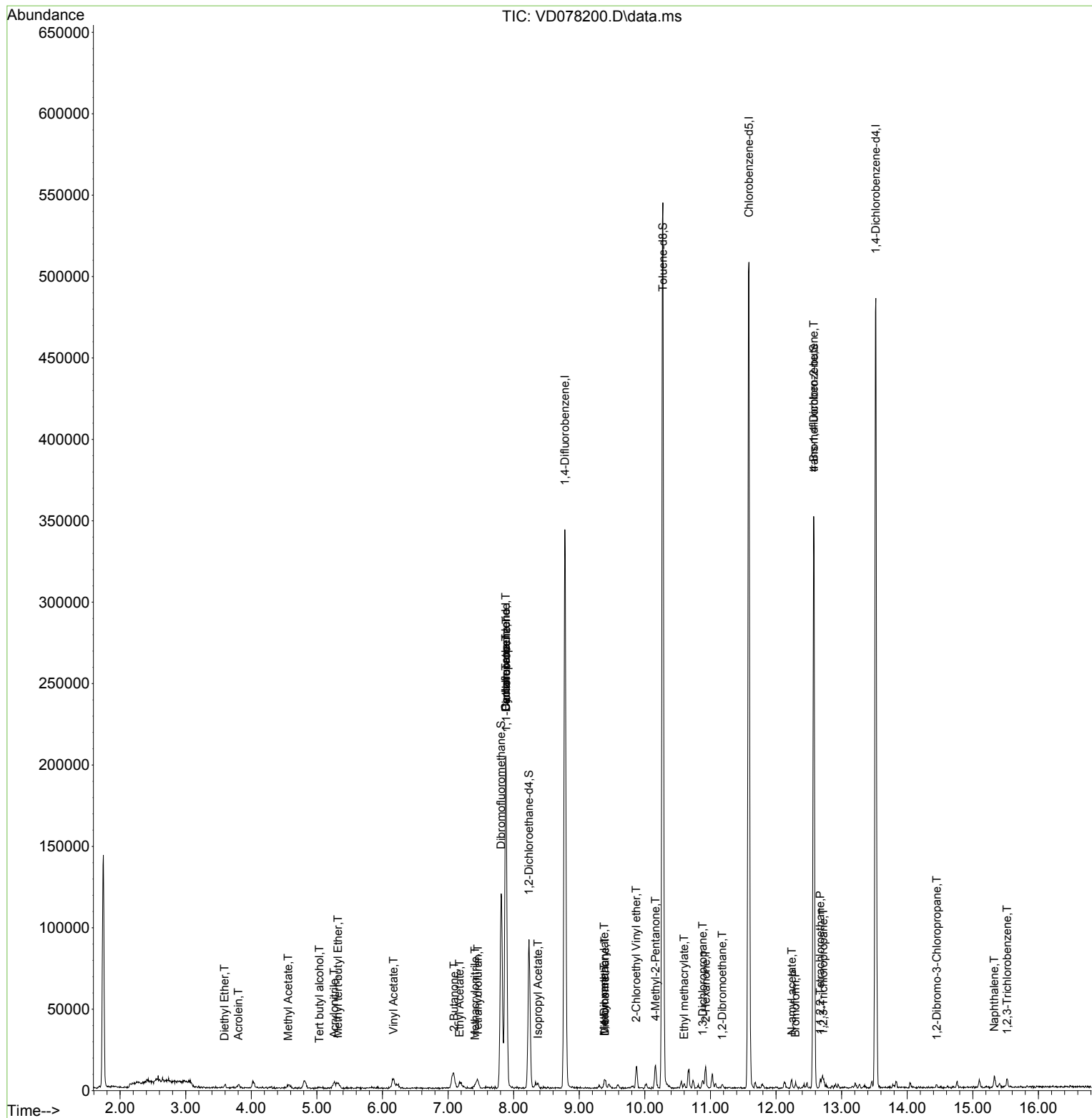
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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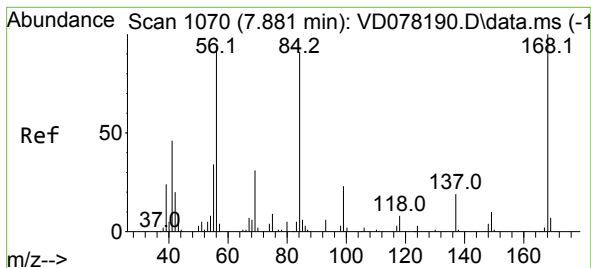
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. -0.000 min

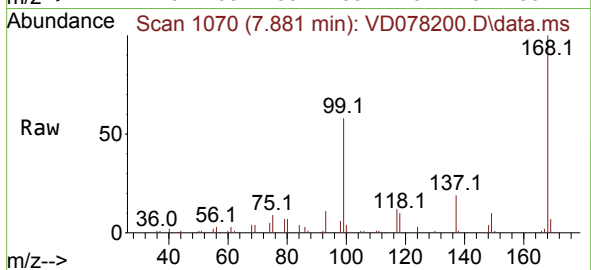
Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

Instrument :

MSVOA_D

ClientSampleId :

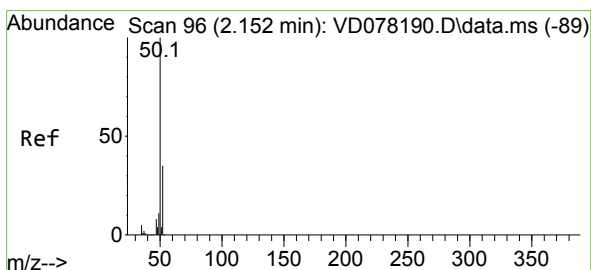
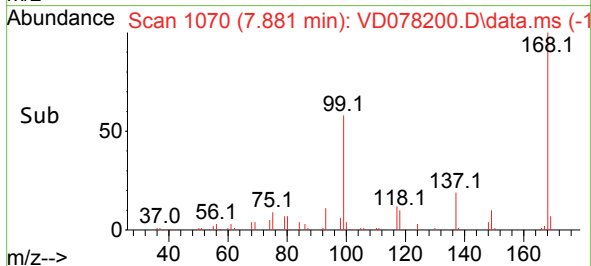
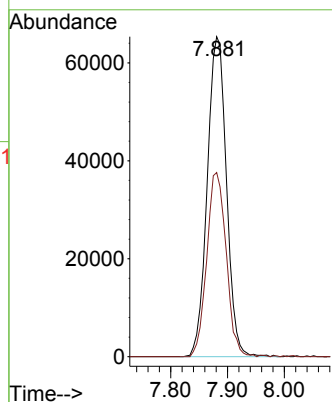


Tgt Ion:168 Resp: 153231

Ion Ratio Lower Upper

168 100

99 57.5 36.7 55.1#



#3

Chloromethane

Concen: Below Cal

RT: 2.164 min Scan# 98

Delta R.T. 0.012 min

Lab File: VD078200.D

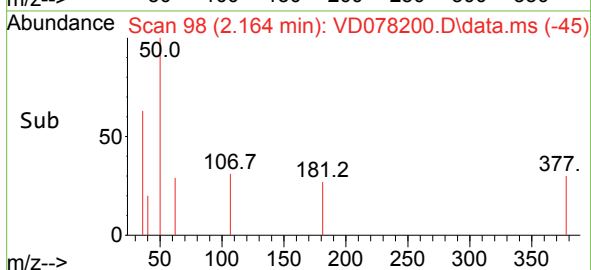
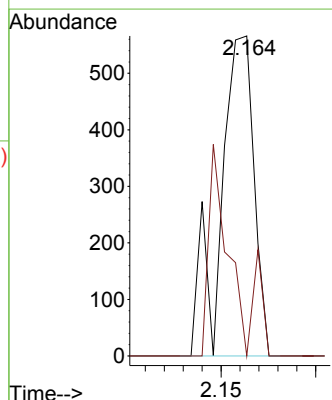
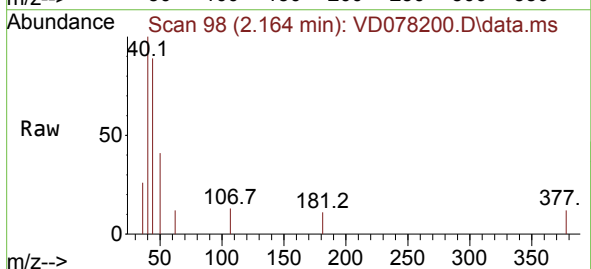
Acq: 22 Jan 2024 19:32

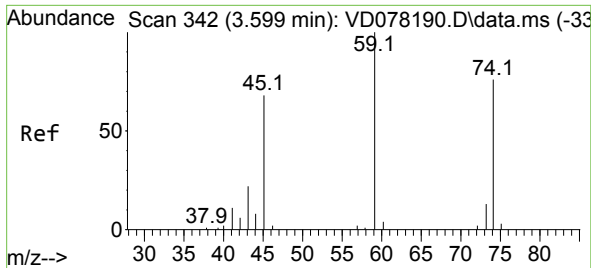
Tgt Ion: 50 Resp: 695

Ion Ratio Lower Upper

50 100

52 0.0 26.6 40.0#





#8

Diethyl Ether

Concen: 1.173 ug/l

RT: 3.593 min Scan# 342

Delta R.T. -0.006 min

Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

Instrument :

MSVOA_D

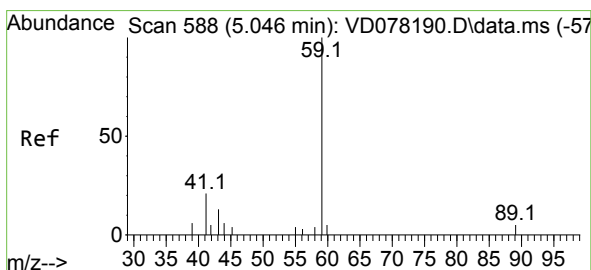
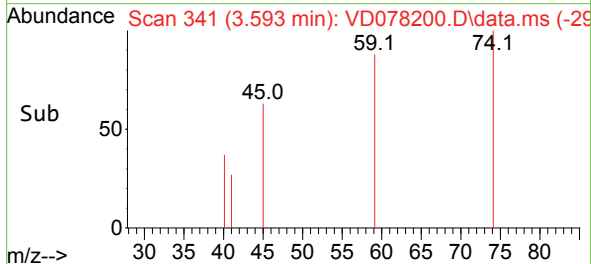
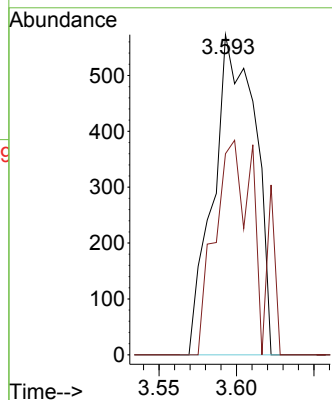
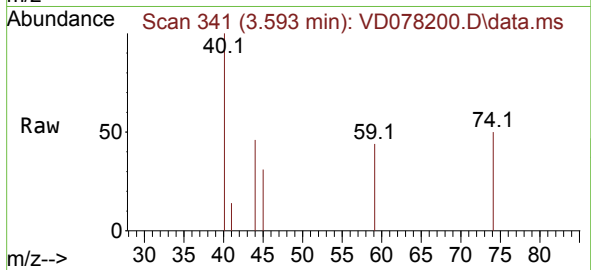
ClientSampleId :

Tgt Ion: 74 Resp: 1075

Ion Ratio Lower Upper

74 100

45 67.3 37.5 112.7



#11

Tert butyl alcohol

Concen: 4.633 ug/l

RT: 5.040 min Scan# 587

Delta R.T. -0.006 min

Lab File: VD078200.D

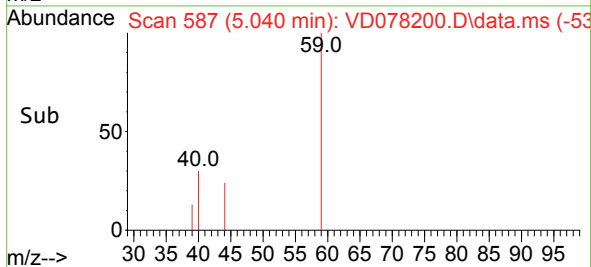
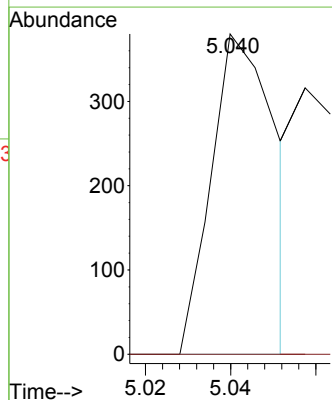
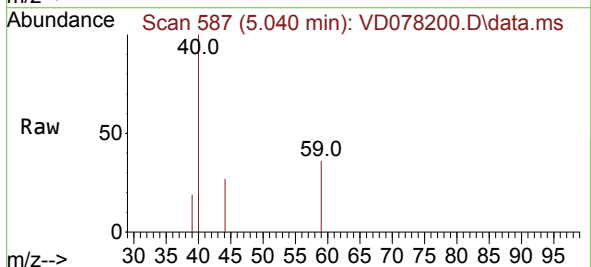
Acq: 22 Jan 2024 19:32

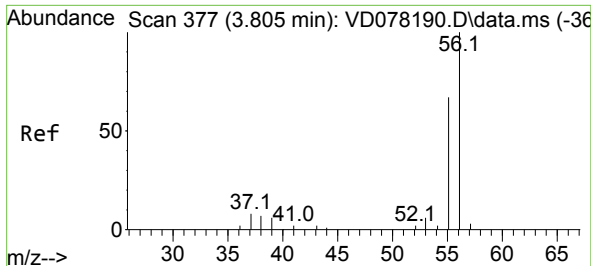
Tgt Ion: 59 Resp: 399

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#





#13

Acrolein

Concen: 10.820 ug/l

RT: 3.805 min Scan# 31

Delta R.T. -0.000 min

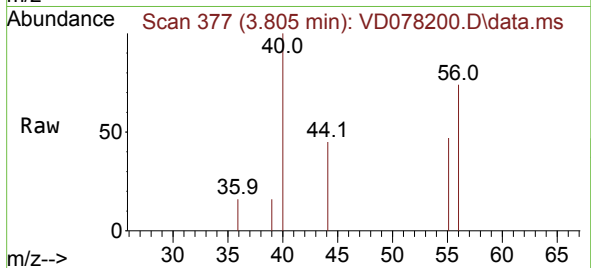
Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

Instrument :

MSVOA_D

ClientSampleId :

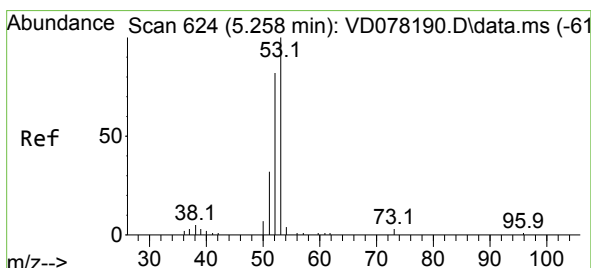
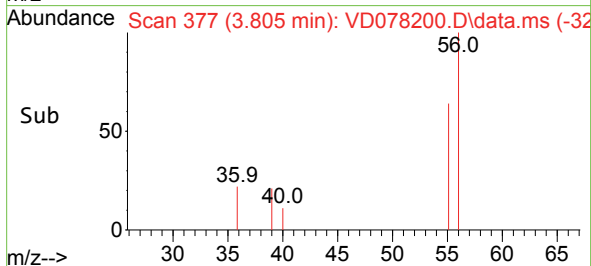
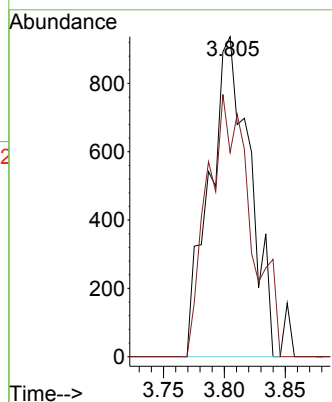


Tgt Ion: 56 Resp: 2139

Ion Ratio Lower Upper

56 100

55 88.6 55.1 82.7#



#15

Acrylonitrile

Concen: 13.786 ug/l

RT: 5.263 min Scan# 625

Delta R.T. 0.006 min

Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

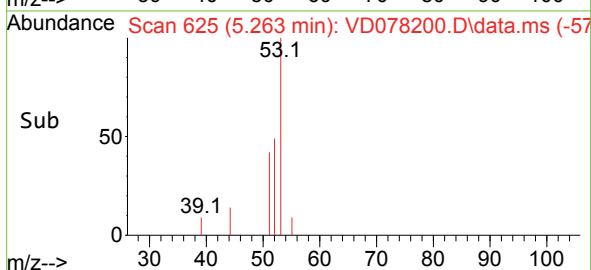
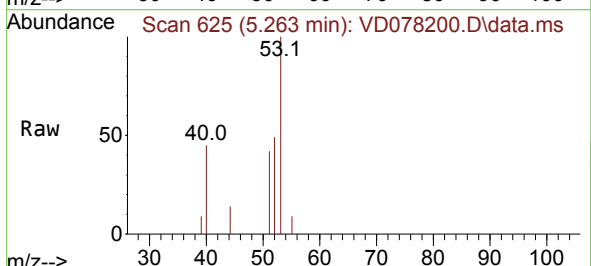
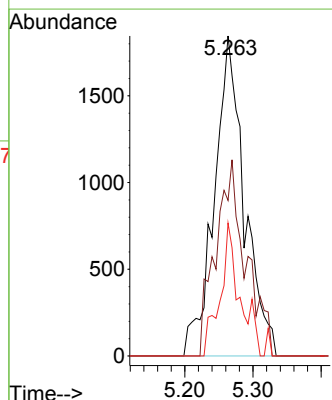
Tgt Ion: 53 Resp: 5668

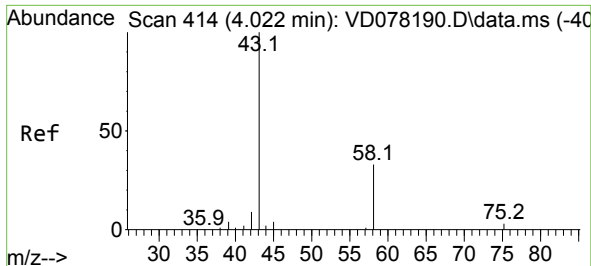
Ion Ratio Lower Upper

53 100

52 61.7 65.0 97.4#

51 27.2 28.3 42.5#

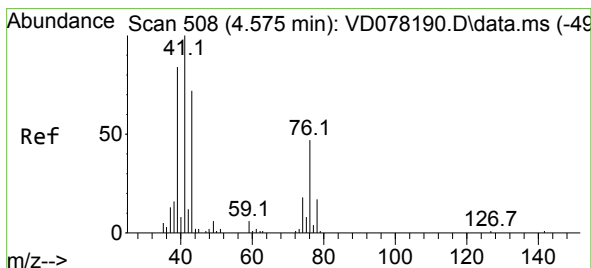
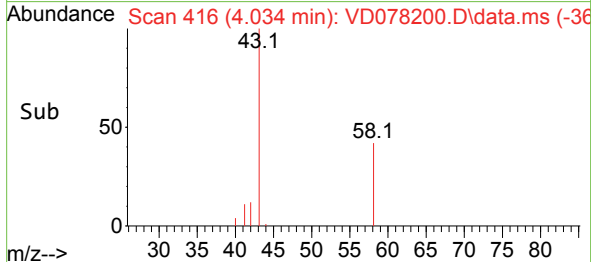
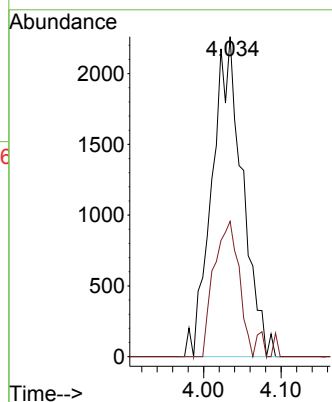
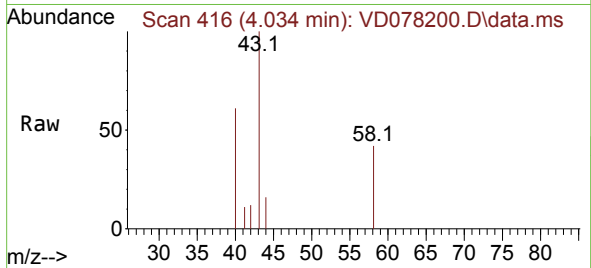




#16
Acetone
Concen: Below Cal
RT: 4.034 min Scan# 414
Delta R.T. 0.012 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

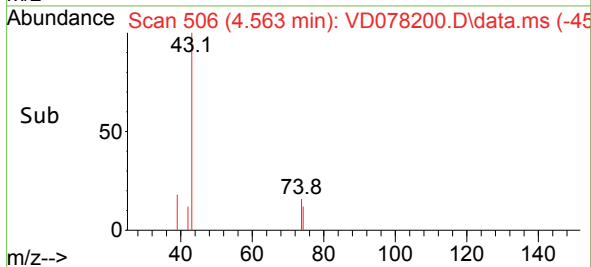
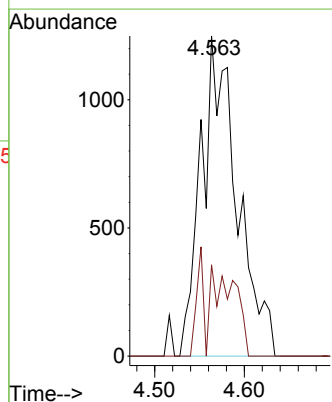
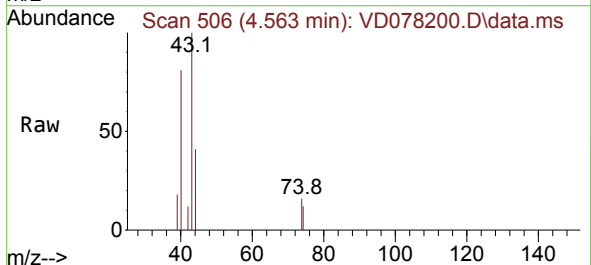
Instrument :
MSVOA_D
ClientSampleId :

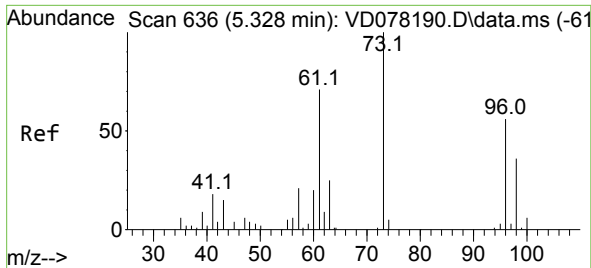
Tgt Ion: 43 Resp: 6198
Ion Ratio Lower Upper
43 100
58 42.3 34.7 52.1



#18
Methyl Acetate
Concen: 2.302 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Tgt Ion: 43 Resp: 3465
Ion Ratio Lower Upper
43 100
74 18.4 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 1.214 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

Instrument :

MSVOA_D

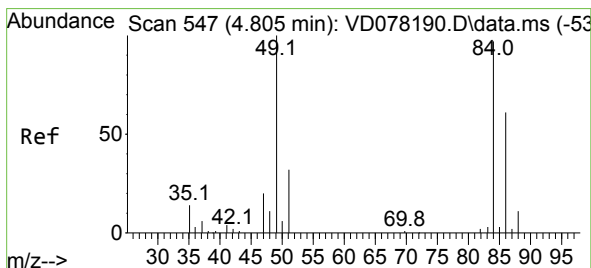
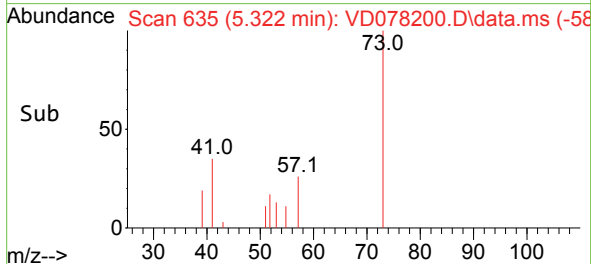
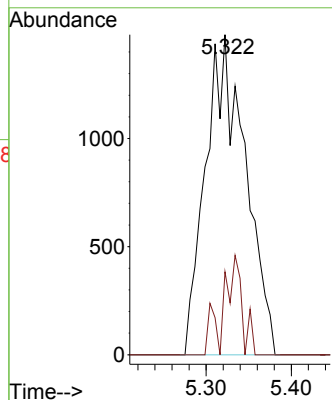
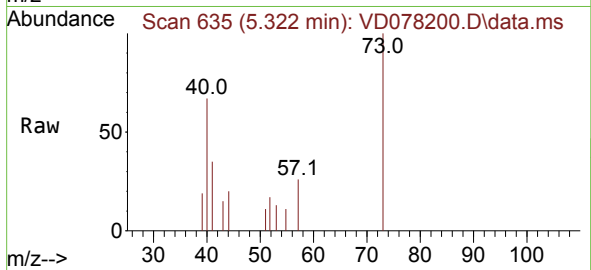
ClientSampleId :

Tgt Ion: 73 Resp: 4800

Ion Ratio Lower Upper

73 100

57 25.9 16.6 25.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.828 min Scan# 551

Delta R.T. 0.023 min

Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

Tgt Ion: 84 Resp: 3785

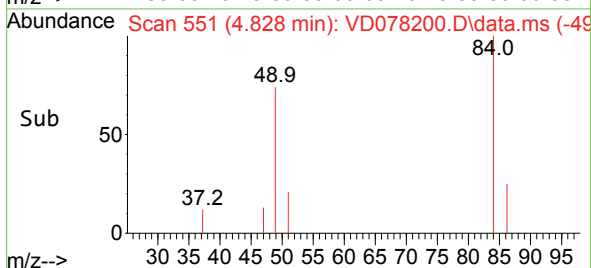
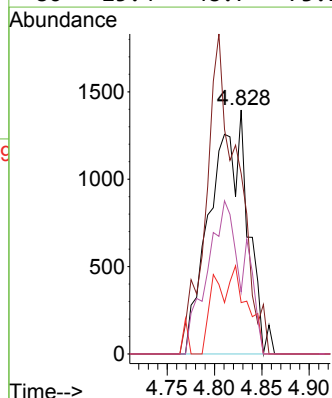
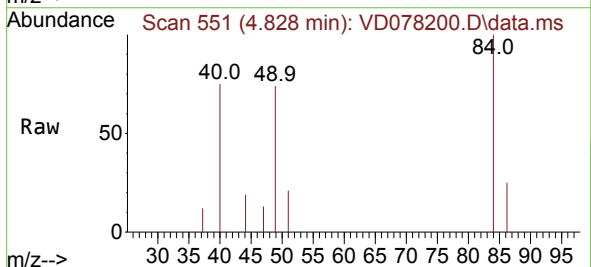
Ion Ratio Lower Upper

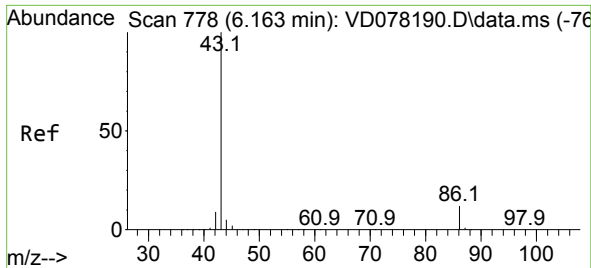
84 100

49 74.0 71.4 107.2

51 21.1 24.5 36.7#

86 25.4 48.7 73.1#

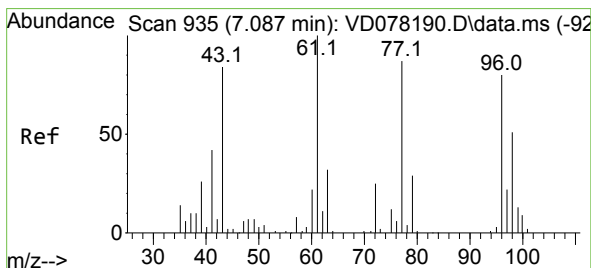
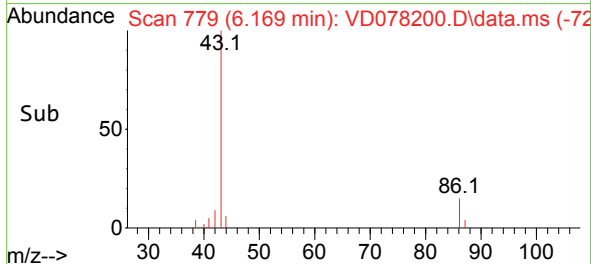
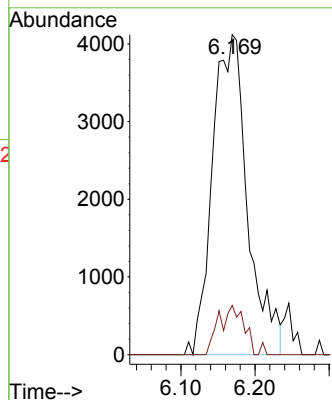
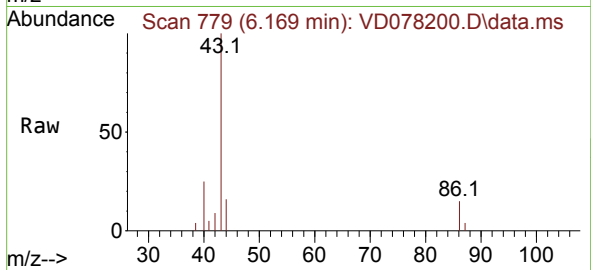




#23
 Vinyl Acetate
 Concen: 5.194 ug/l
 RT: 6.169 min Scan# 778
 Delta R.T. 0.006 min
 Lab File: VD078200.D
 Acq: 22 Jan 2024 19:32

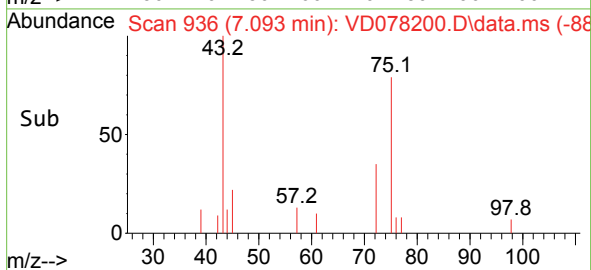
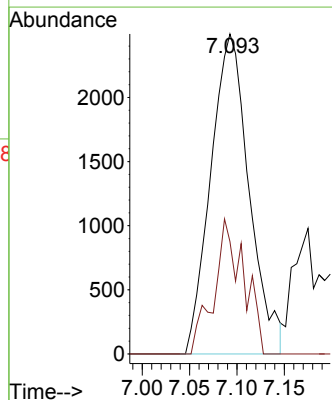
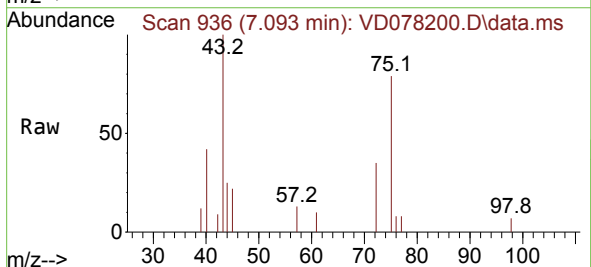
Instrument :
 MSVOA_D
 ClientSampleId :

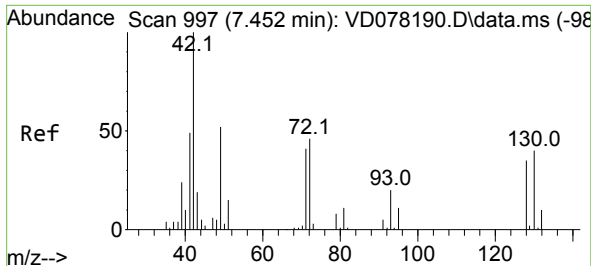
Tgt Ion: 43 Resp: 13545
 Ion Ratio Lower Upper
 43 100
 86 15.4 12.5 18.7



#25
 2-Butanone
 Concen: 2.593 ug/l
 RT: 7.093 min Scan# 936
 Delta R.T. 0.006 min
 Lab File: VD078200.D
 Acq: 22 Jan 2024 19:32

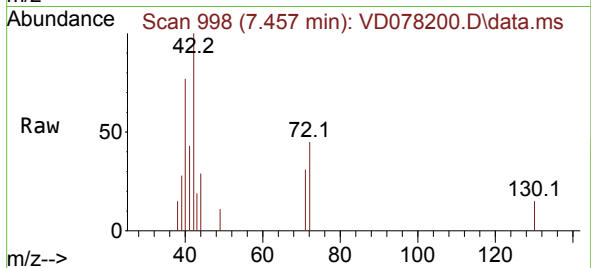
Tgt Ion: 43 Resp: 7037
 Ion Ratio Lower Upper
 43 100
 72 35.1 30.7 46.1



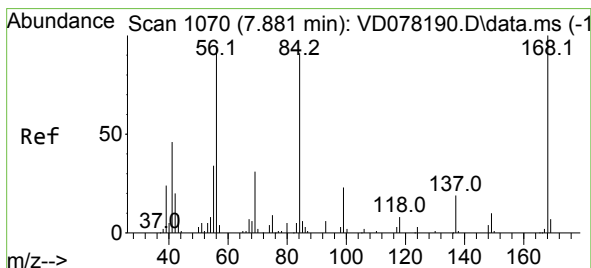
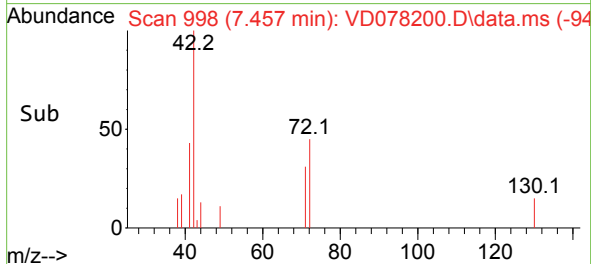
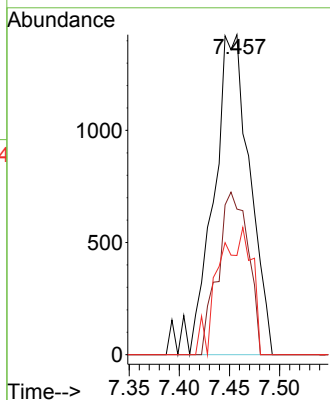


#29
Tetrahydrofuran
Concen: 12.377 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.006 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Instrument :
MSVOA_D
ClientSampleId :

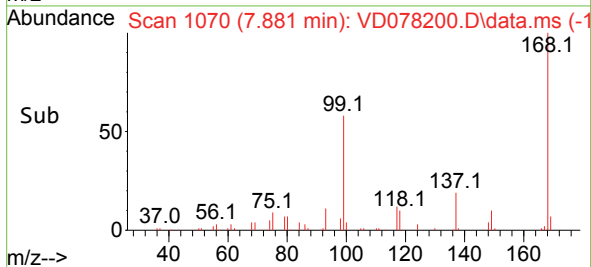
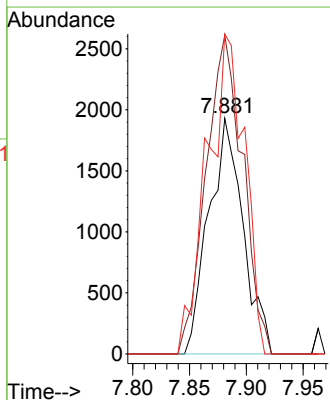
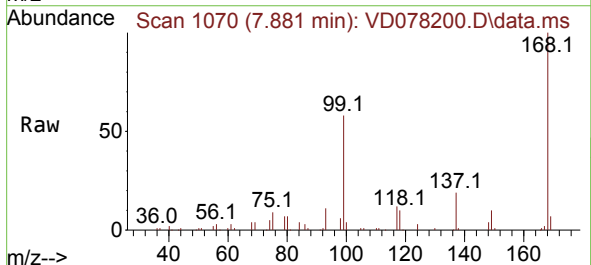


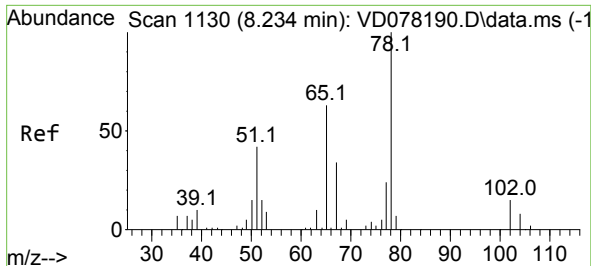
Tgt Ion: 42 Resp: 3572
Ion Ratio Lower Upper
42 100
72 42.7 46.5 69.7#
71 36.7 44.5 66.7#



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Tgt Ion: 56 Resp: 4054
Ion Ratio Lower Upper
56 100
69 135.3 28.6 43.0#
84 135.9 84.8 127.2#

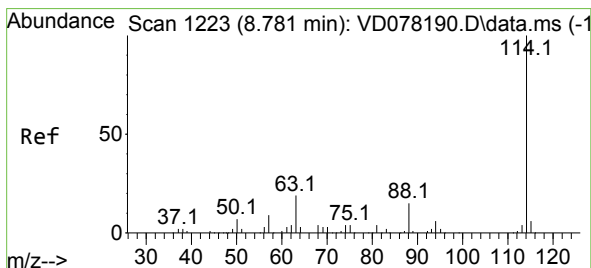
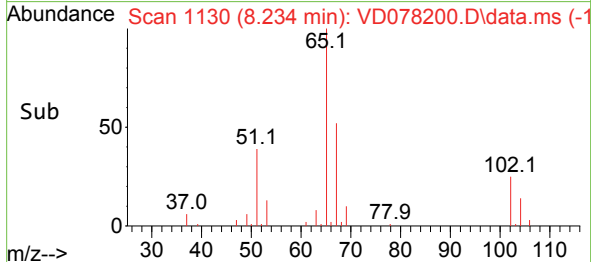
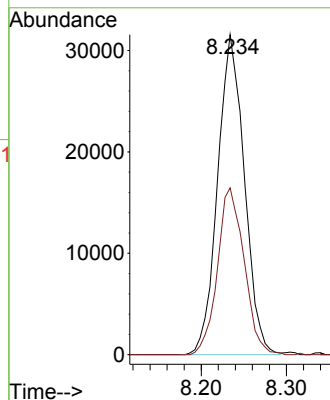
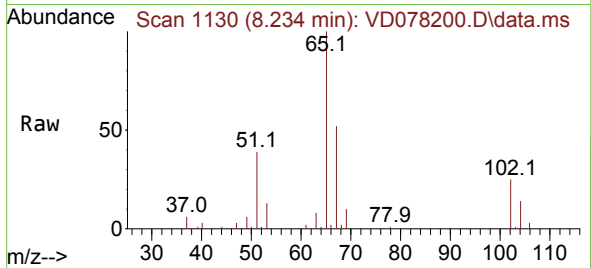




#33
1,2-Dichloroethane-d4
Concen: 39.241 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

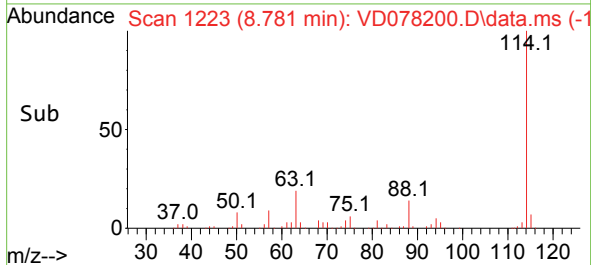
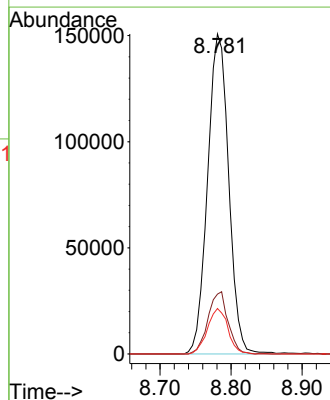
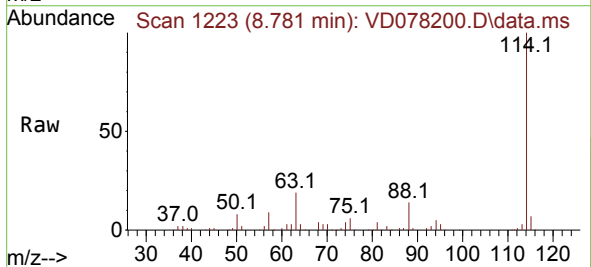
Instrument :
MSVOA_D
ClientSampleId :

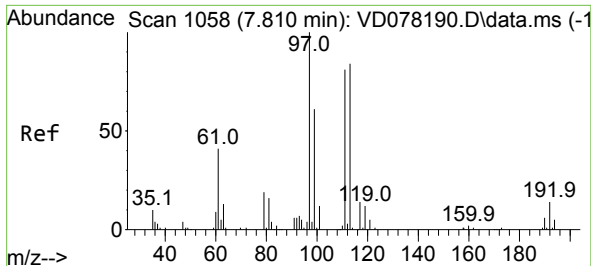
Tgt Ion: 65 Resp: 68643
Ion Ratio Lower Upper
65 100
67 52.0 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Tgt Ion:114 Resp: 311518
Ion Ratio Lower Upper
114 100
63 18.7 0.0 33.4
88 14.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 43.290 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

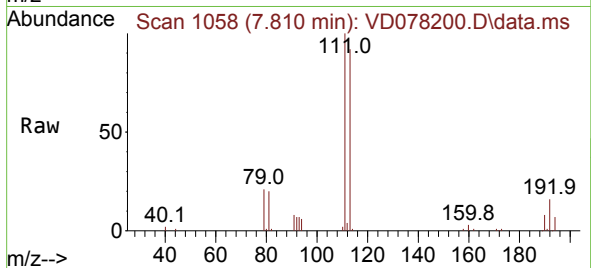
Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

Instrument :

MSVOA_D

ClientSampleId :



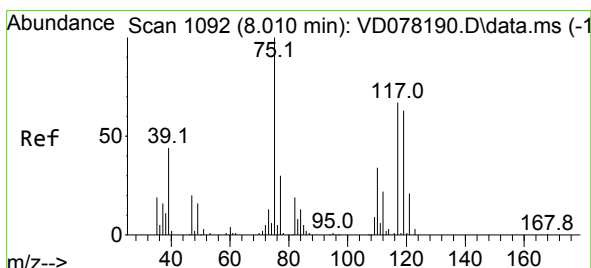
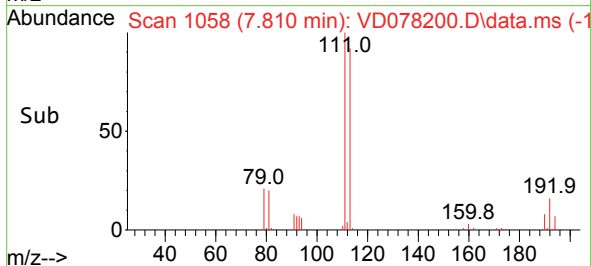
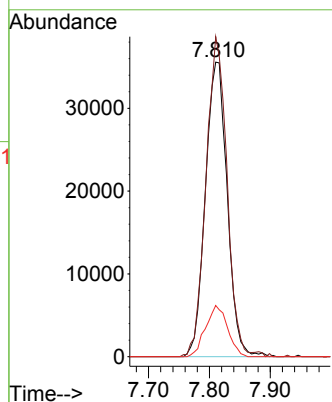
Tgt Ion:113 Resp: 88753

Ion Ratio Lower Upper

113 100

111 104.2 84.7 127.1

192 17.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.305 ug/l

RT: 7.887 min Scan# 1071

Delta R.T. -0.124 min

Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

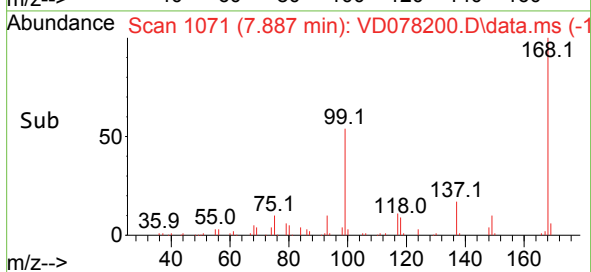
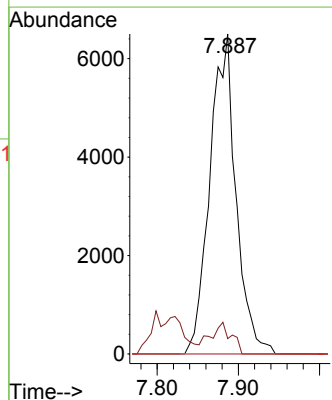
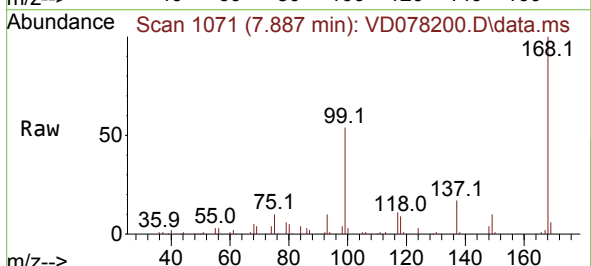
Tgt Ion: 75 Resp: 14513

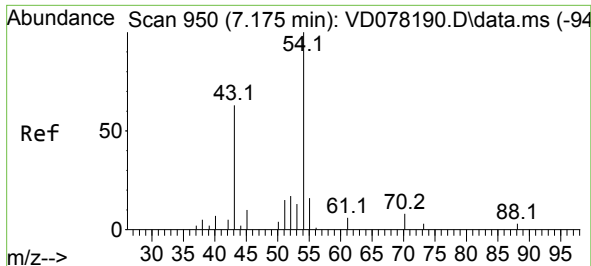
Ion Ratio Lower Upper

75 100

110 7.9 19.9 59.6#

77 0.0 24.7 37.1#

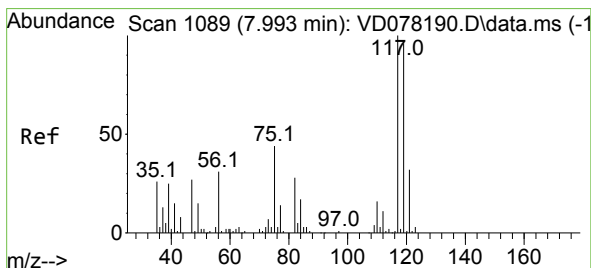
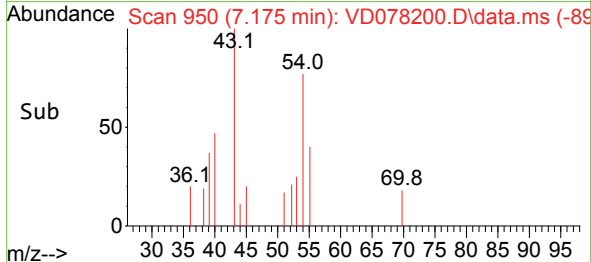
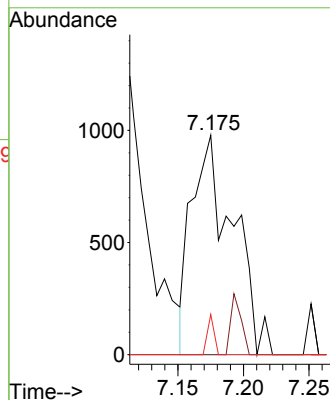
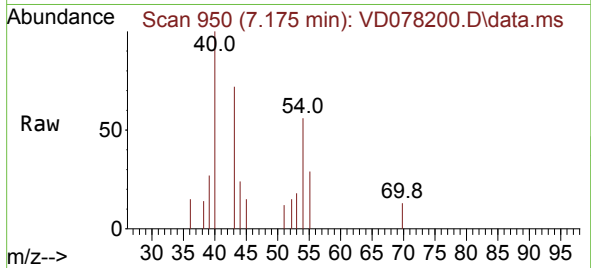




#37
Ethyl Acetate
Concen: 1.708 ug/l
RT: 7.175 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

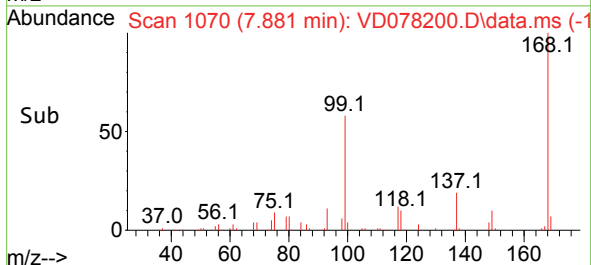
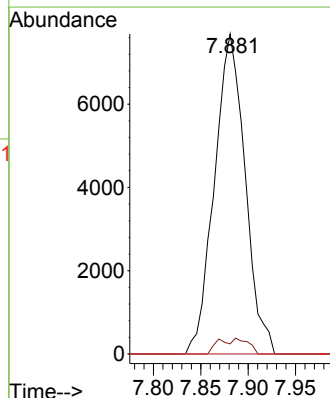
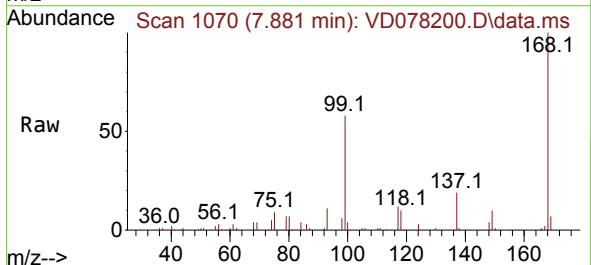
Instrument :
MSVOA_D
ClientSampleId :

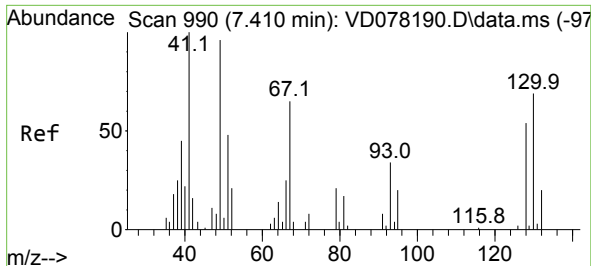
Tgt Ion: 43 Resp: 2144
Ion Ratio Lower Upper
43 100
61 7.0 14.9 22.3#
70 2.9 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 5.206 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

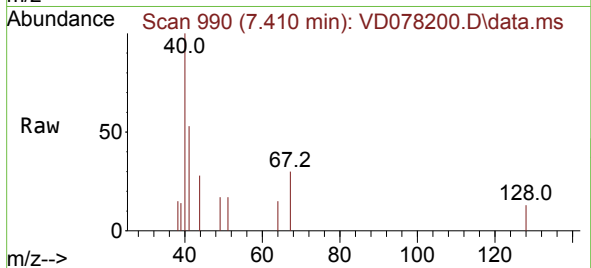
Tgt Ion: 117 Resp: 17334
Ion Ratio Lower Upper
117 100
119 3.1 78.0 117.0#
121 0.0 24.2 36.2#



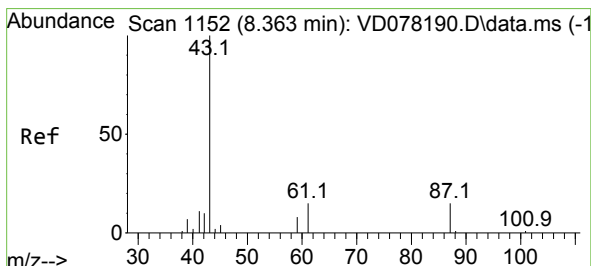
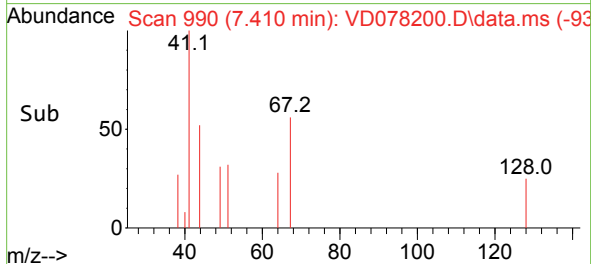
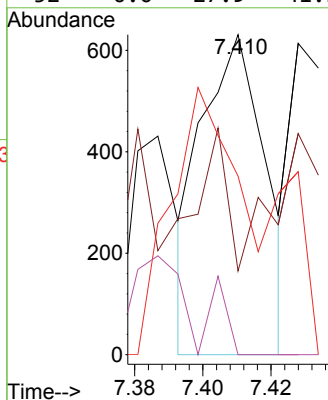


#41
Methacrylonitrile
Concen: 1.191 ug/l
RT: 7.410 min Scan# 990
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Instrument :
MSVOA_D
ClientSampleId :

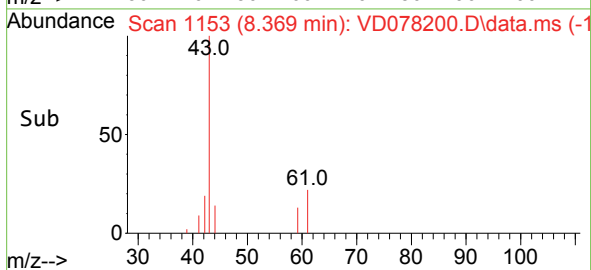
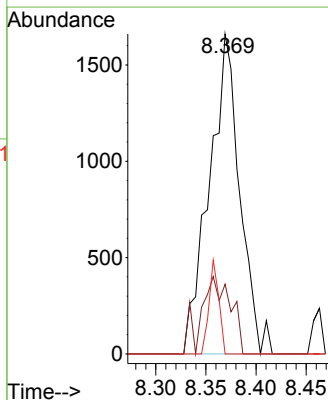
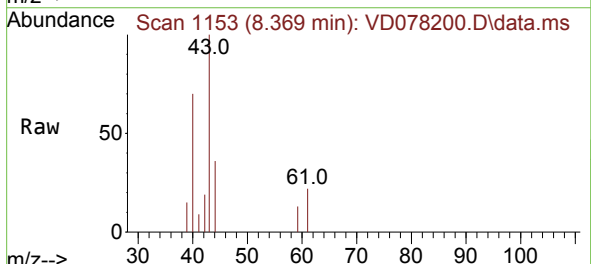


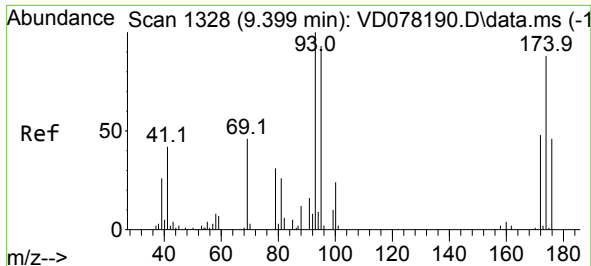
Tgt Ion:	41	Resp:	821
Ion	Ratio	Lower	Upper
41	100		
39	17.4	34.0	51.0#
67	119.0	77.0	115.4#
52	0.0	27.9	41.9#



#43
Isopropyl Acetate
Concen: 1.531 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

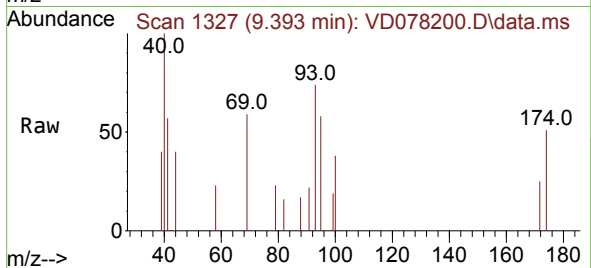
Tgt Ion:	43	Resp:	3521
Ion	Ratio	Lower	Upper
43	100		
61	23.5	31.4	47.0#
87	9.5	14.9	22.3#



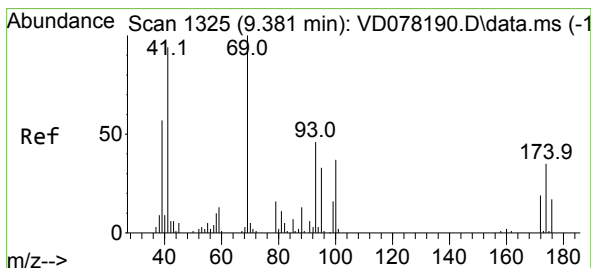
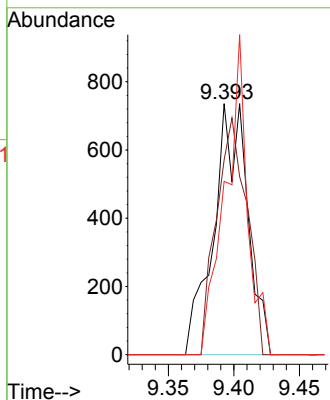
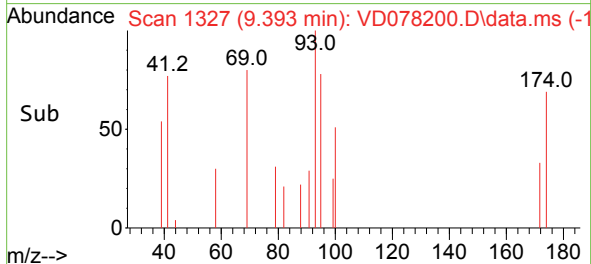


#46
Dibromomethane
Concen: 1.012 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Instrument :
MSVOA_D
ClientSampleId :

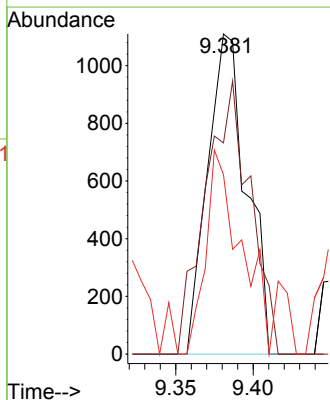
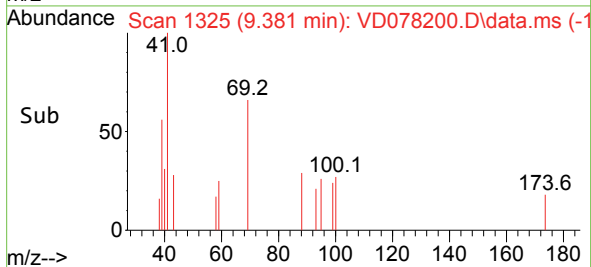
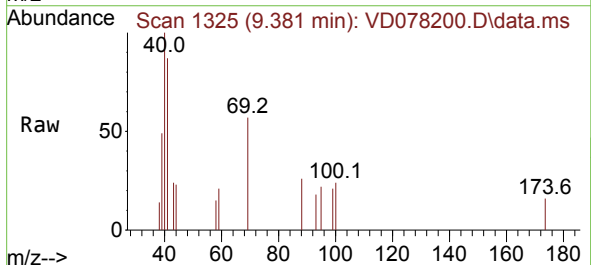


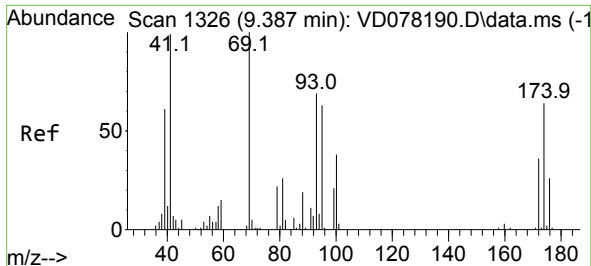
Tgt Ion: 93 Resp: 1320
Ion Ratio Lower Upper
93 100
95 85.2 67.7 101.5
174 84.5 85.4 128.2#



#48
Methyl methacrylate
Concen: 1.456 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Tgt Ion: 41 Resp: 1939
Ion Ratio Lower Upper
41 100
69 97.5 102.2 153.2#
39 57.2 41.4 62.2





#49

1,4-Dioxane

Concen: 32.658 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

Instrument :

MSVOA_D

ClientSampleId :

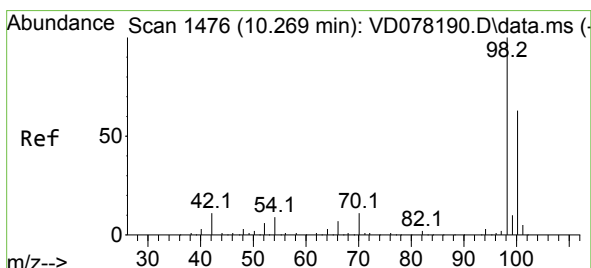
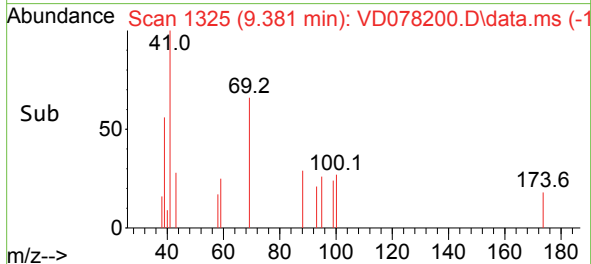
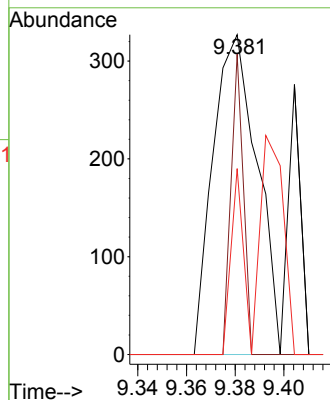
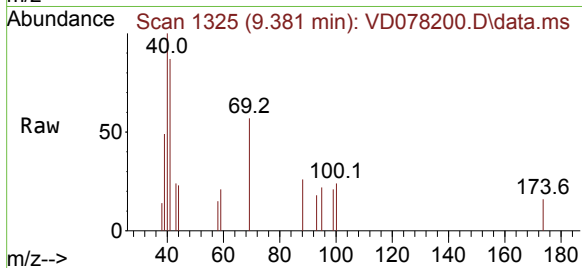
Tgt Ion: 88 Resp: 412

Ion Ratio Lower Upper

88 100

43 26.2 19.0 28.6

58 51.9 43.5 65.3



#50

Toluene-d8

Concen: 47.457 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD078200.D

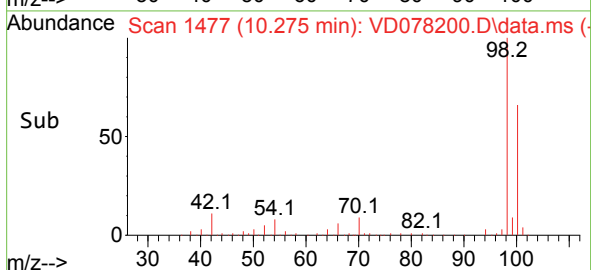
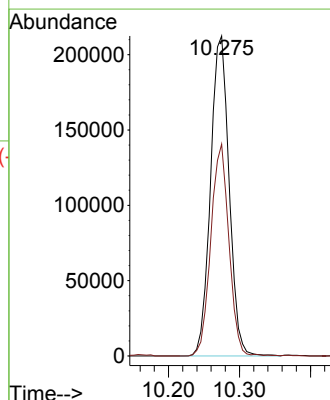
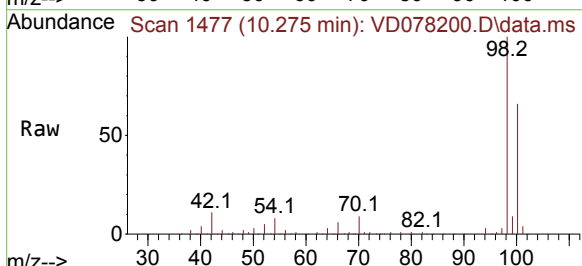
Acq: 22 Jan 2024 19:32

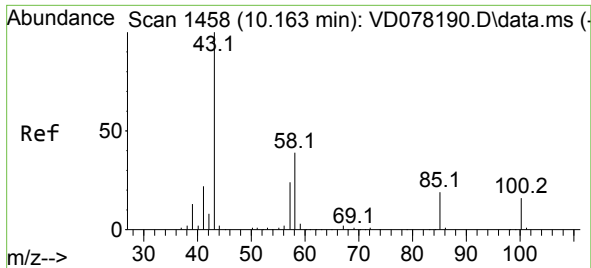
Tgt Ion: 98 Resp: 385261

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

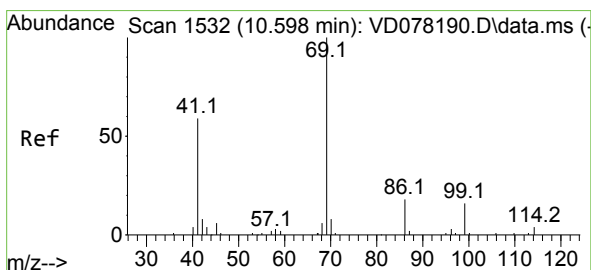
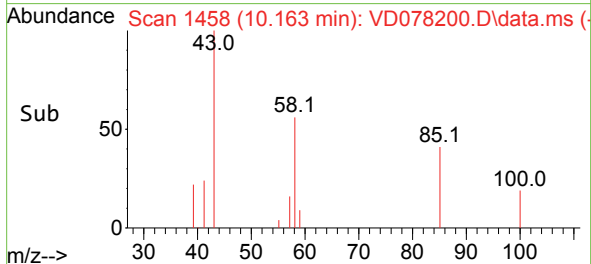
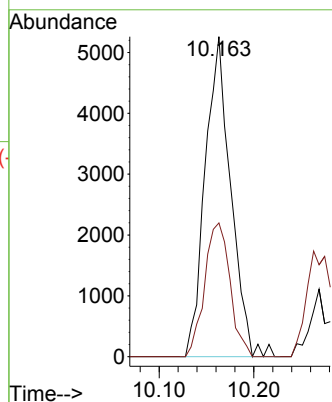
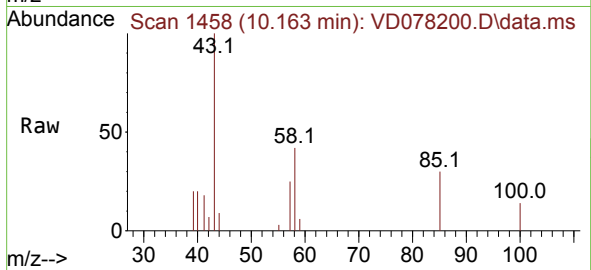




#51
4-Methyl-2-Pentanone
Concen: 8.182 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

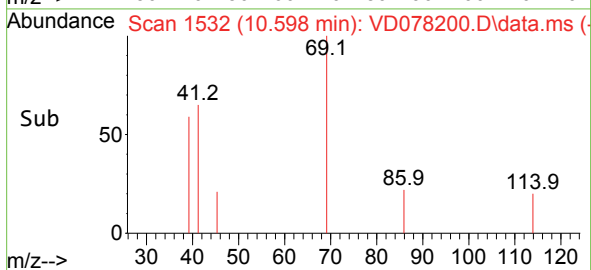
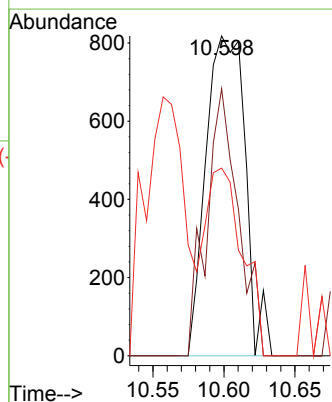
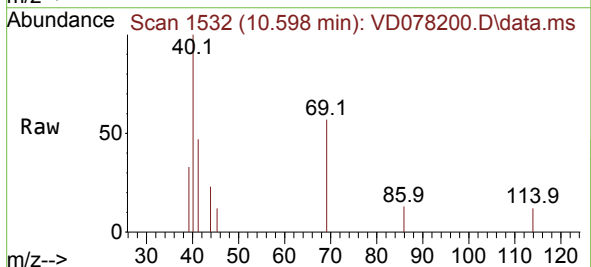
Instrument :
MSVOA_D
ClientSampleId :

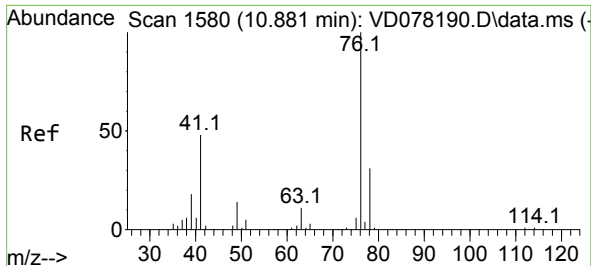
Tgt Ion: 43 Resp: 9886
Ion Ratio Lower Upper
43 100
58 41.3 38.9 58.3



#56
Ethyl methacrylate
Concen: 1.104 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Tgt Ion: 69 Resp: 1576
Ion Ratio Lower Upper
69 100
41 67.9 39.1 58.7#
39 55.2 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 1.015 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

Instrument :

MSVOA_D

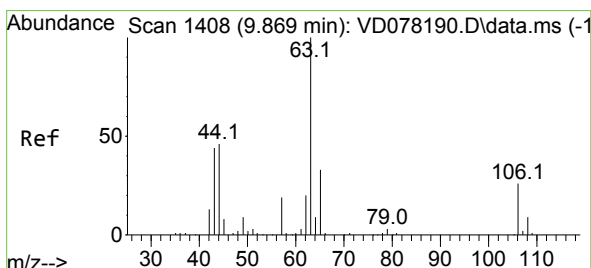
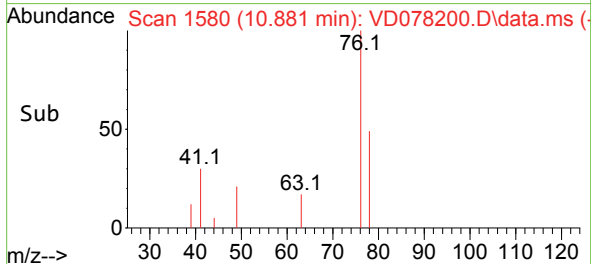
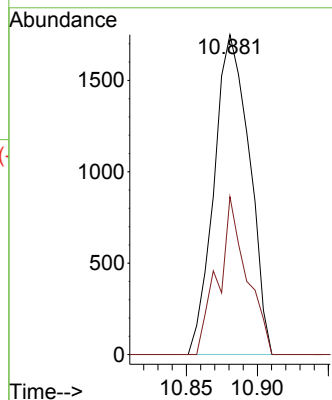
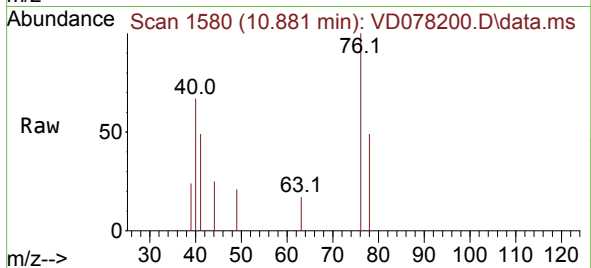
ClientSampleId :

Tgt Ion: 76 Resp: 3027

Ion Ratio Lower Upper

76 100

78 40.0 26.4 39.6#



#58

2-Chloroethyl Vinyl ether

Concen: 7.670 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078200.D

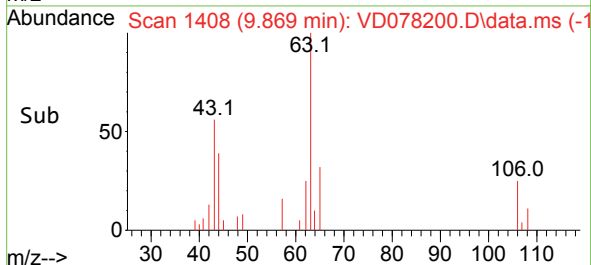
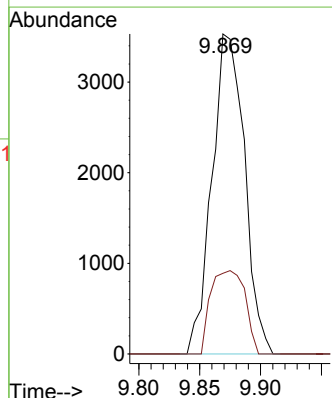
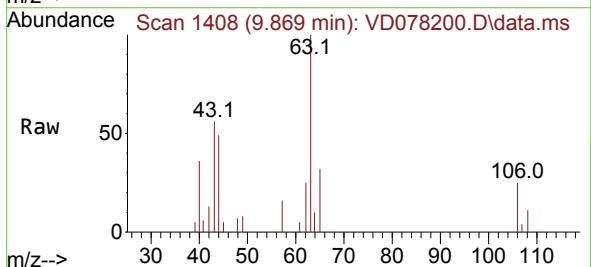
Acq: 22 Jan 2024 19:32

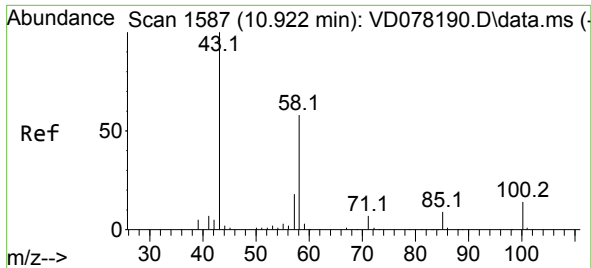
Tgt Ion: 63 Resp: 6564

Ion Ratio Lower Upper

63 100

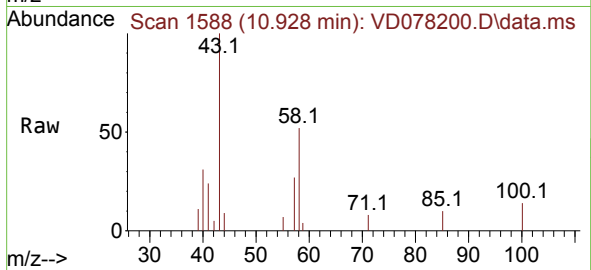
106 27.5 25.3 37.9



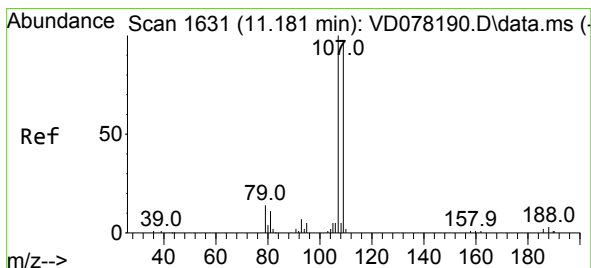
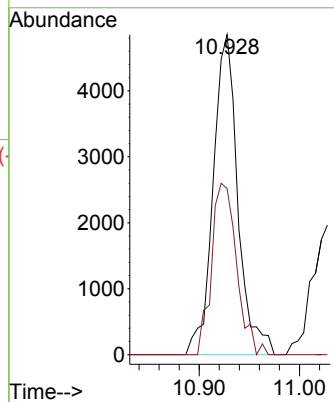
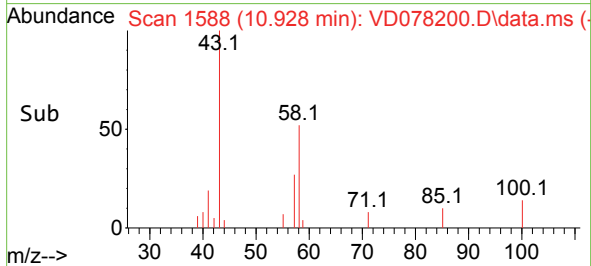


#59
2-Hexanone
Concen: 8.452 ug/l
RT: 10.928 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Instrument :
MSVOA_D
ClientSampleId :

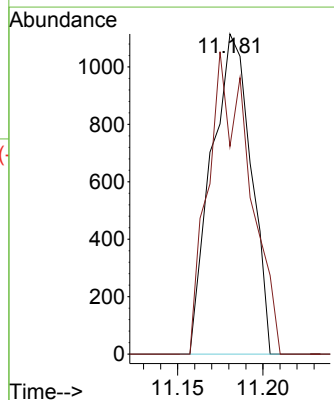
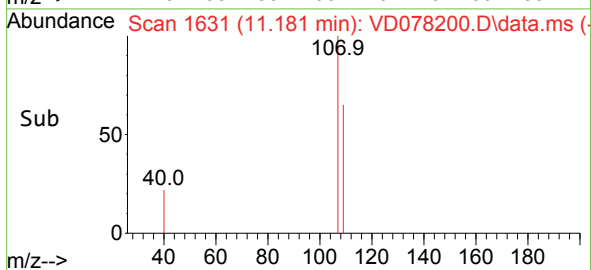
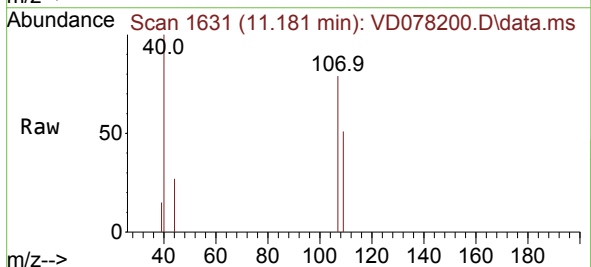


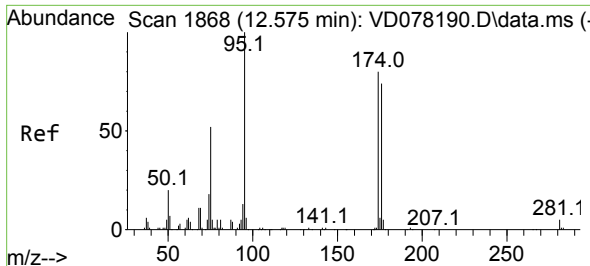
Tgt Ion: 43 Resp: 8299
Ion Ratio Lower Upper
43 100
58 54.4 34.1 102.2



#61
1,2-Dibromoethane
Concen: 1.118 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Tgt Ion: 107 Resp: 1798
Ion Ratio Lower Upper
107 100
109 98.7 75.6 113.4

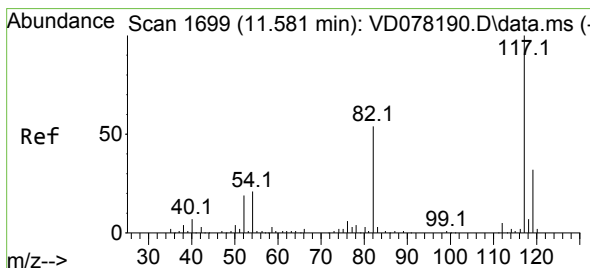
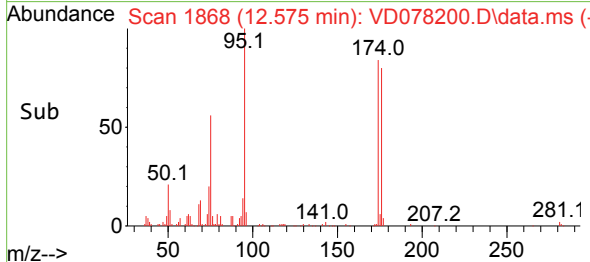
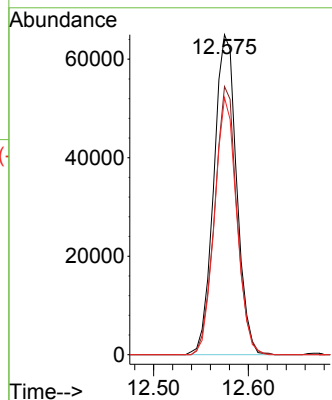
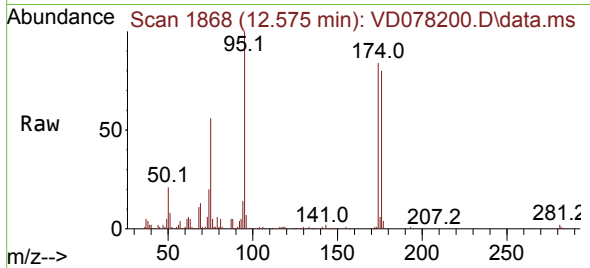




#62
4-Bromofluorobenzene
Concen: 46.137 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

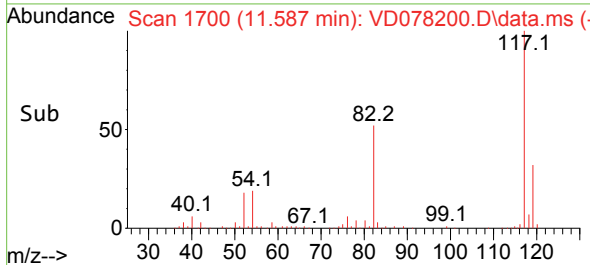
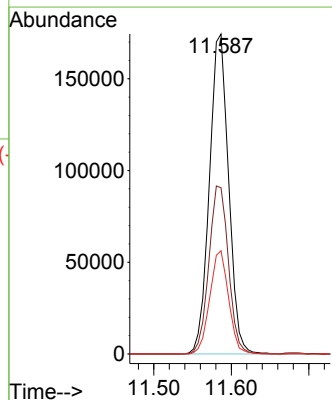
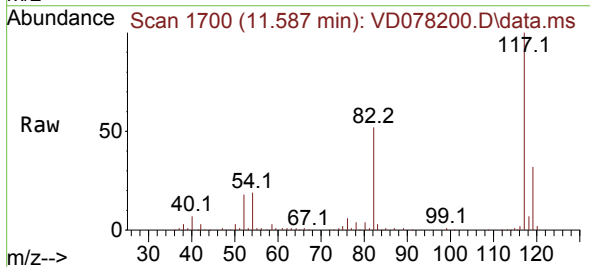
Instrument :
MSVOA_D
ClientSampleId :

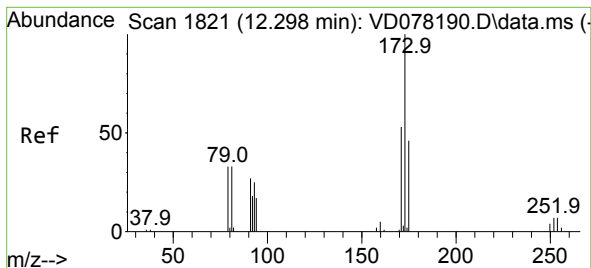
Tgt Ion: 95 Resp: 108619
Ion Ratio Lower Upper
95 100
174 81.8 0.0 201.8
176 78.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Tgt Ion: 117 Resp: 299869
Ion Ratio Lower Upper
117 100
82 52.0 38.3 57.5
119 32.3 25.0 37.4





#71

Bromoform

Concen: 1.313 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078200.D

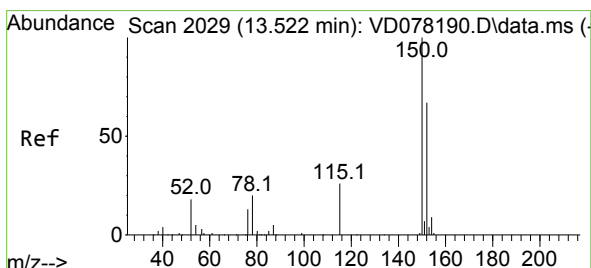
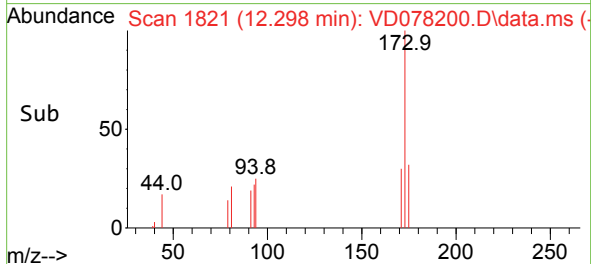
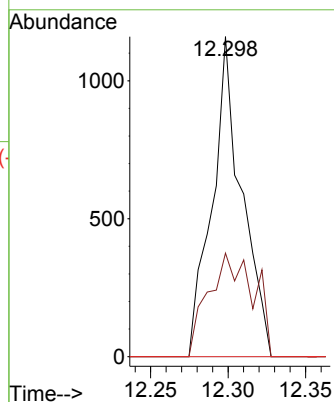
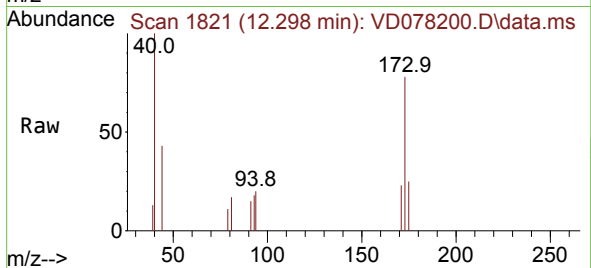
Acq: 22 Jan 2024 19:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	1539
Ion Ratio	Lower	Upper
173	100	
175	49.1	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

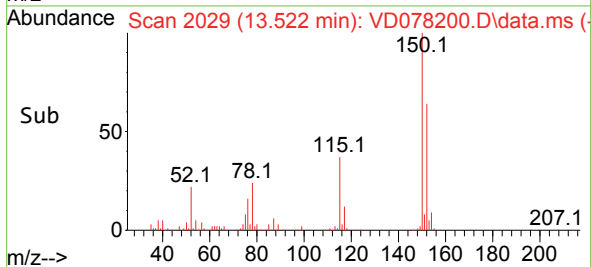
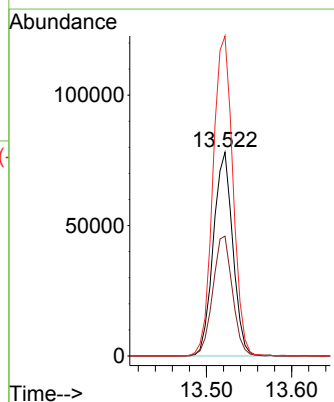
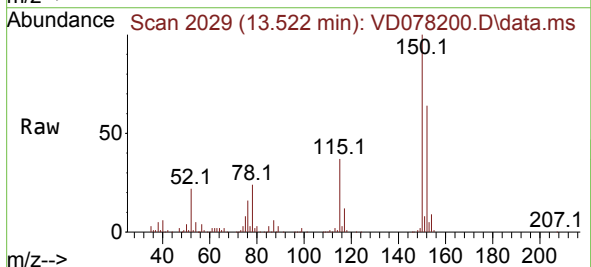
RT: 13.522 min Scan# 2029

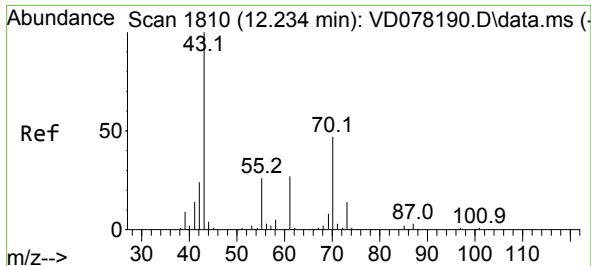
Delta R.T. -0.000 min

Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

Tgt Ion:152	Resp:	124145
Ion Ratio	Lower	Upper
152	100	
115	59.4	27.1 81.3
150	160.6	0.0 353.6

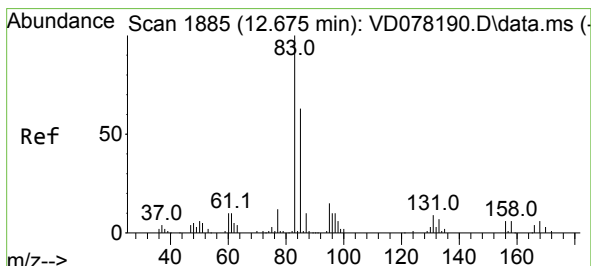
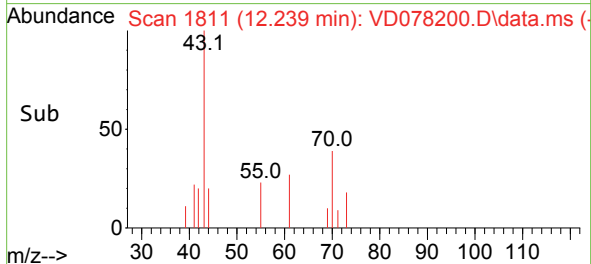
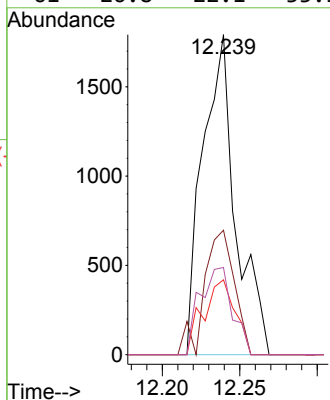
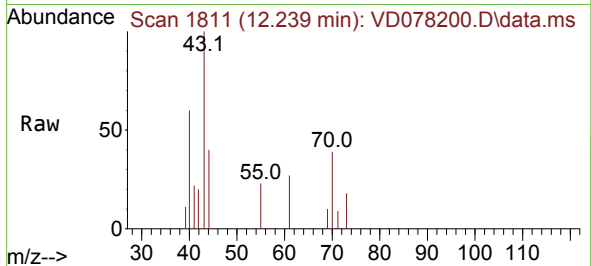




#74
N-amy1 acetate
Concen: 1.416 ug/l
RT: 12.239 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

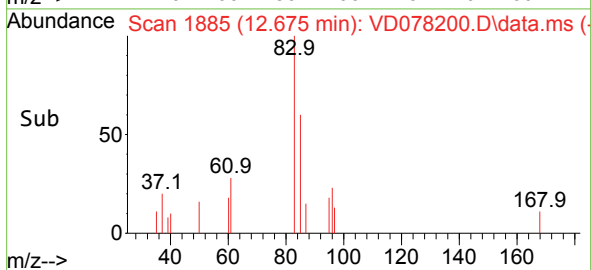
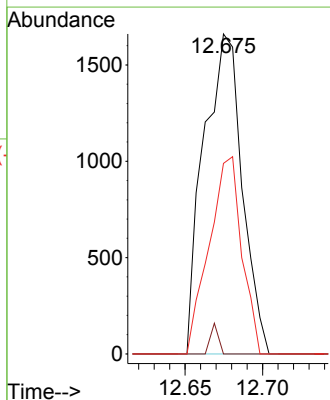
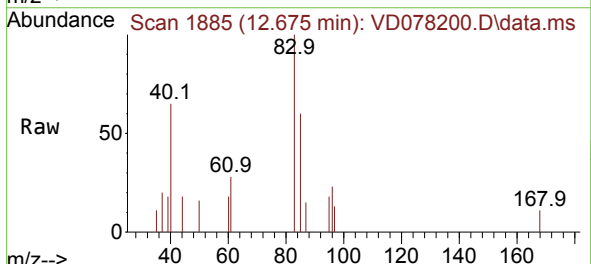
Instrument :
MSVOA_D
ClientSampleId :

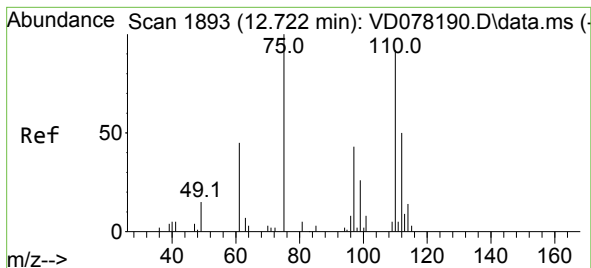
Tgt Ion: 43	Resp: 2644
Ion Ratio	Lower Upper
43 100	
70 35.3	45.0 67.4#
55 22.6	23.8 35.6#
61 26.8	22.1 33.1



#75
1,1,2,2-Tetrachloroethane
Concen: 1.574 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078200.D
Acq: 22 Jan 2024 19:32

Tgt Ion: 83	Resp: 2858		
Ion Ratio	Lower	Upper	
83 100			
131 2.0	5.1	15.3#	
85 52.3	32.6	97.8	





#76

1,2,3-Trichloropropane

Concen: 2.945 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

Instrument :

MSVOA_D

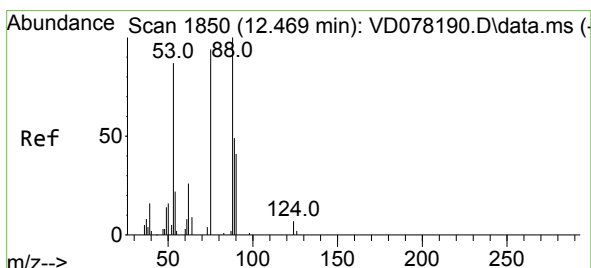
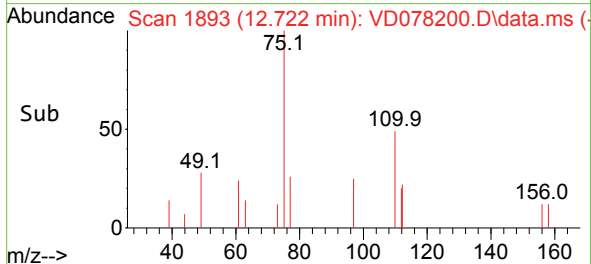
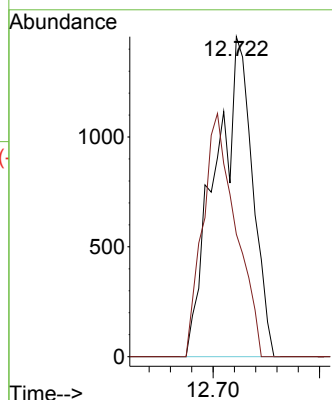
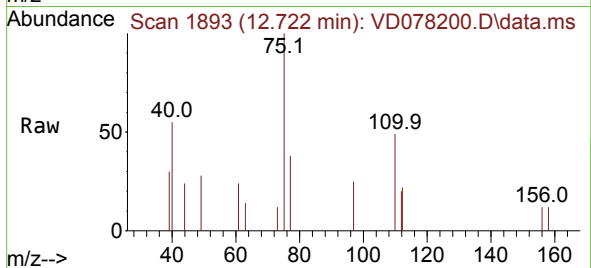
ClientSampleId :

Tgt Ion: 75 Resp: 3507

Ion Ratio Lower Upper

75 100

77 67.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.388 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

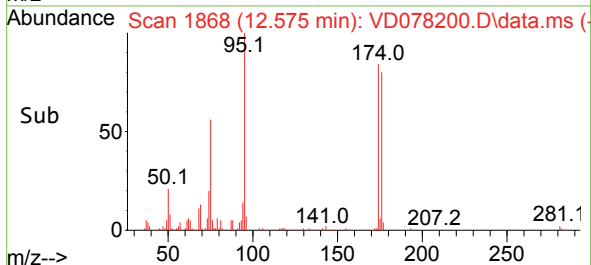
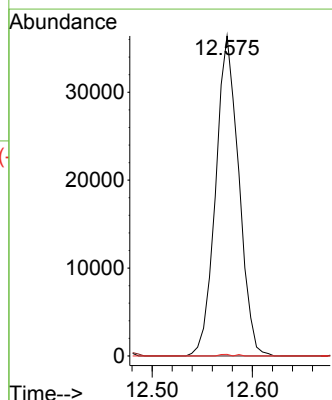
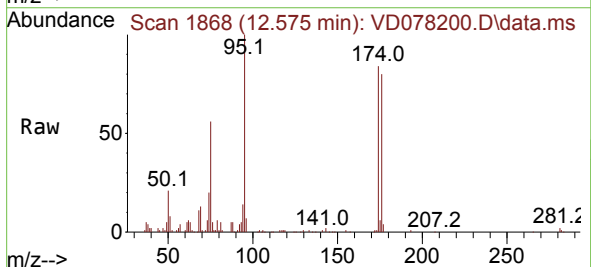
Tgt Ion: 75 Resp: 58256

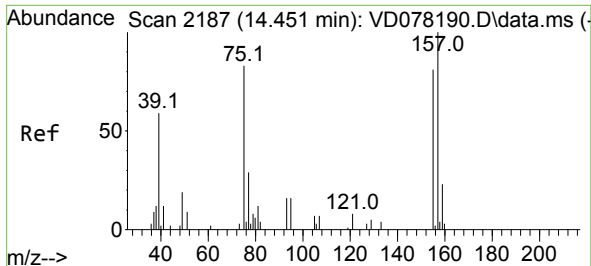
Ion Ratio Lower Upper

75 100

53 0.0 63.0 94.4#

89 0.3 37.9 56.9#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.560 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

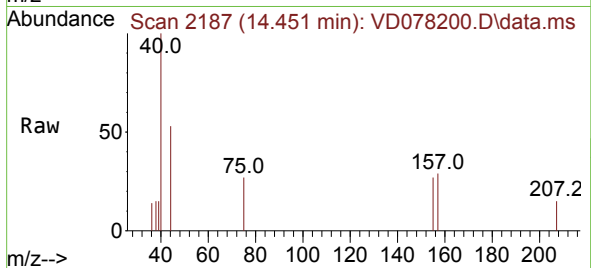
Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

Instrument :

MSVOA_D

ClientSampleId :



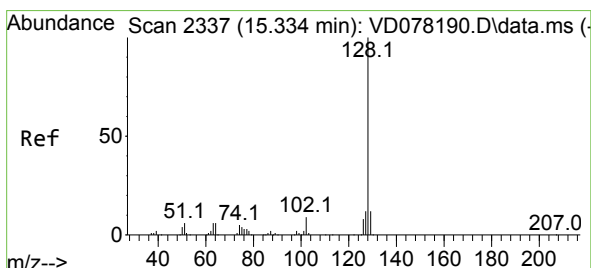
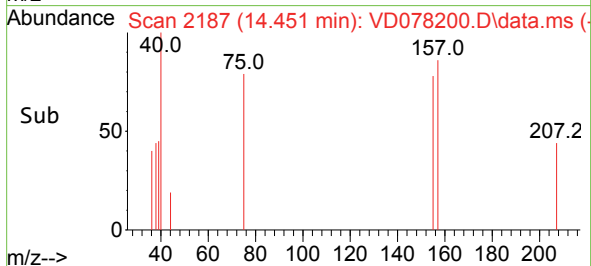
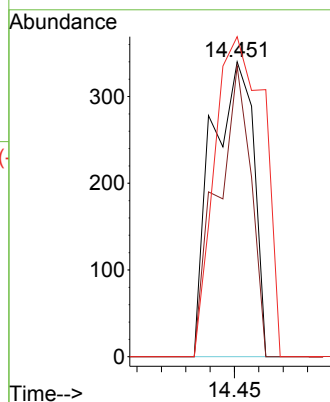
Tgt Ion: 75 Resp: 405

Ion Ratio Lower Upper

75 100

155 79.8 47.9 143.8

157 128.1 59.9 179.7



#95

Naphthalene

Concen: 1.499 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD078200.D

Acq: 22 Jan 2024 19:32

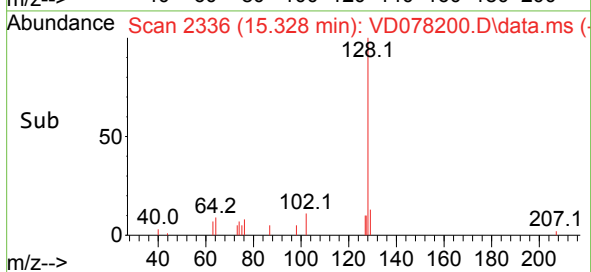
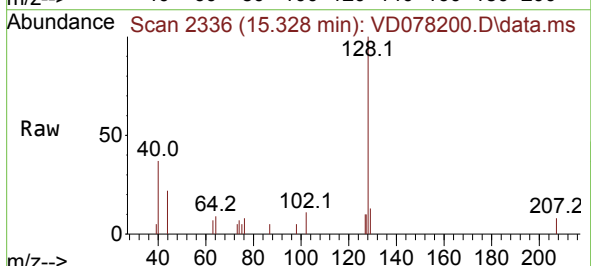
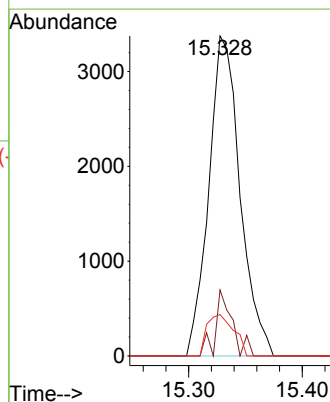
Tgt Ion:128 Resp: 6457

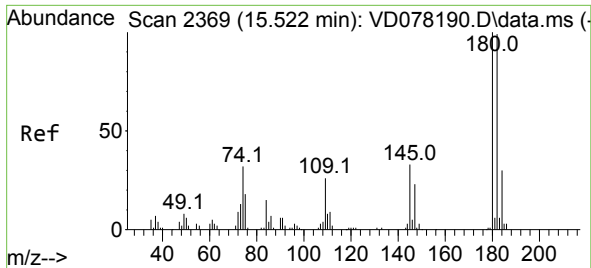
Ion Ratio Lower Upper

128 100

127 20.6 10.5 15.7#

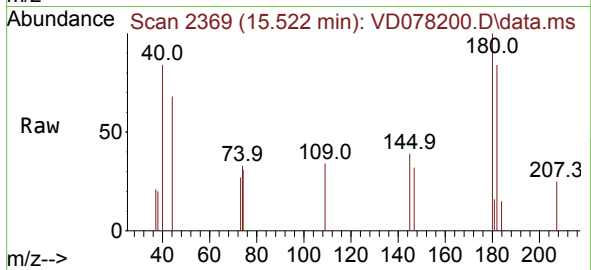
129 12.9 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.033 ug/l
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD078200.D
 Acq: 22 Jan 2024 19:32

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	1996
Ion	Ratio	Lower	Upper
180	100		
182	87.7	47.3	141.9
145	32.0	15.1	45.3

