

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011023\
 Data File : VD075102.D
 Acq On : 10 Jan 2023 13:06
 Operator : KP/SY
 Sample : 01080-03
 Misc : 5.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-2-(35-37)

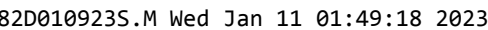
Quant Time: Jan 11 01:49:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

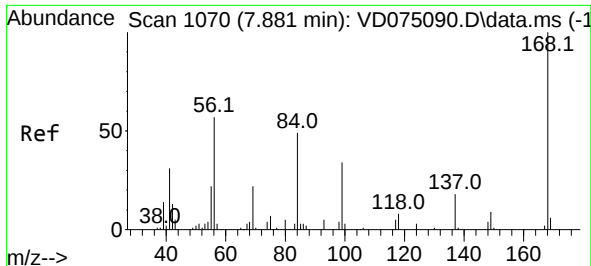
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	25495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	55311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	55843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	28244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	22749	89.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 178.000%#	
35) Dibromofluoromethane	7.805	113	18629	53.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.080%	
50) Toluene-d8	10.269	98	70372	51.012	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.575	95	30209	68.224	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 136.440%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	73	Below Cal	#	43
5) Bromomethane	2.705	94	83	Below Cal	#	54
16) Acetone	4.034	43	510	8.421	ug/l #	39
17) Carbon Disulfide	4.269	76	65	Below Cal	#	78
20) Methylene Chloride	4.811	84	1020	Below Cal	#	82
31) Cyclohexane	7.875	56	732	Below Cal	#	46
36) 1,1-Dichloropropene	7.875	75	2004	4.655	ug/l #	40
38) Carbon Tetrachloride	7.881	117	2619	6.945	ug/l #	12
47) Bromodichloromethane	9.575	83	535	1.158	ug/l #	27
48) Methyl methacrylate	9.381	41	187	1.002	ug/l #	1
56) Ethyl methacrylate	10.575	69	409	1.314	ug/l #	43
59) 2-Hexanone	10.904	43	630	4.306	ug/l #	25
74) N-amyl acetate	12.222	43	1279	2.666	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.681	83	444	1.227	ug/l #	1
76) 1,2,3-Trichloropropane	12.793	75	1120	4.156	ug/l	52
77) Bromobenzene	12.781	156	39632	85.726	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	13778	135.774	ug/l #	20
90) Hexachloroethane	14.069	117	1266	3.925	ug/l #	14
95) Naphthalene	15.334	128	9265	8.857	ug/l	95

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

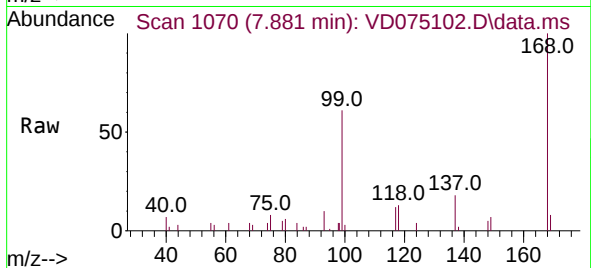
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Quant Title : SW846 8260
QLast Update : Tue Jan 10 03:36:33 2023
Response via : Initial Calibration



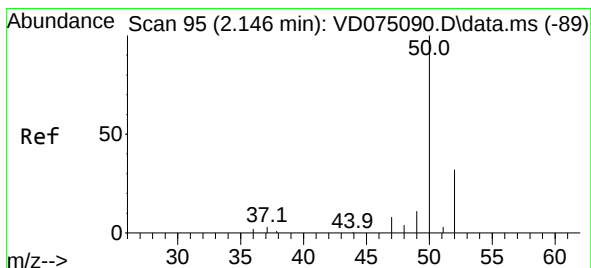
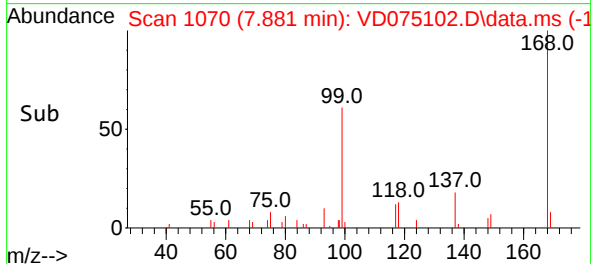
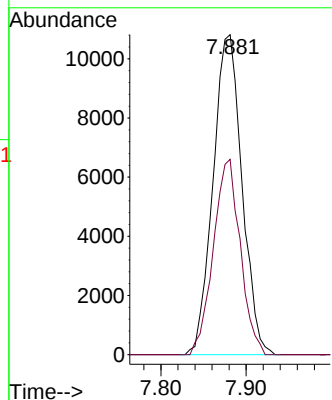


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

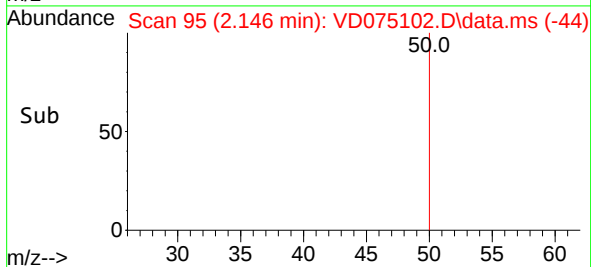
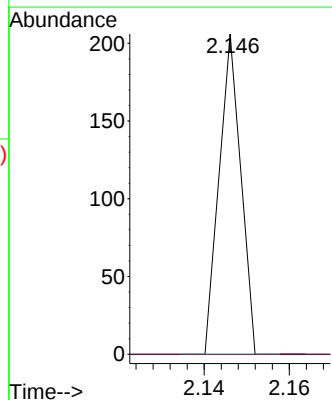
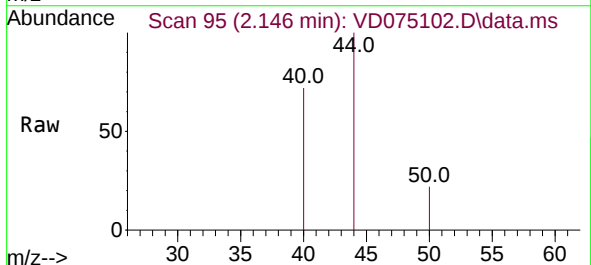


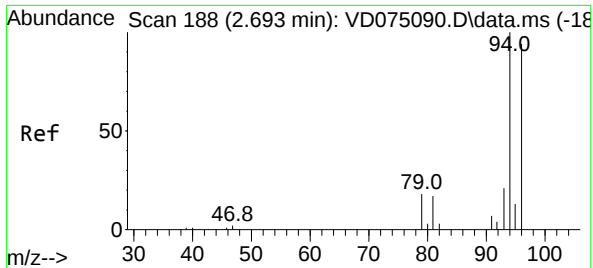
Tgt Ion:168 Resp: 25495
Ion Ratio Lower Upper
168 100
99 61.0 43.2 64.8



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

Tgt Ion: 50 Resp: 73
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

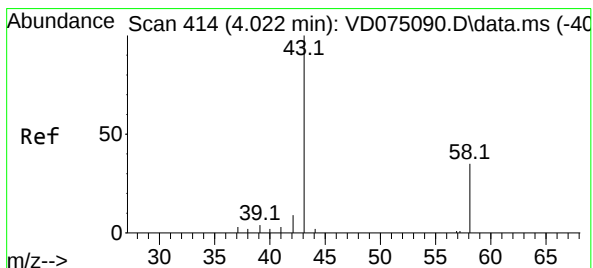
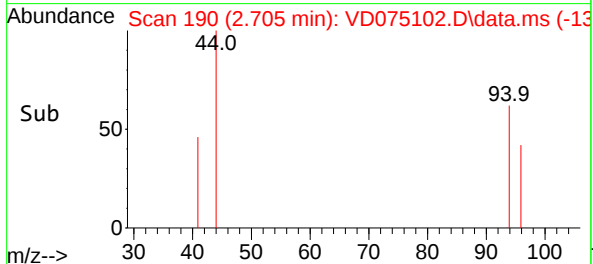
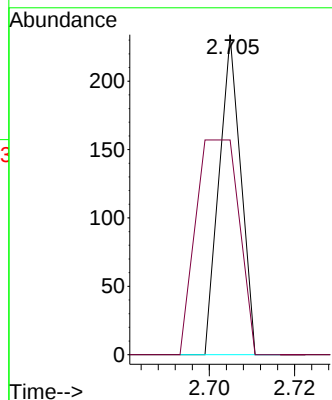
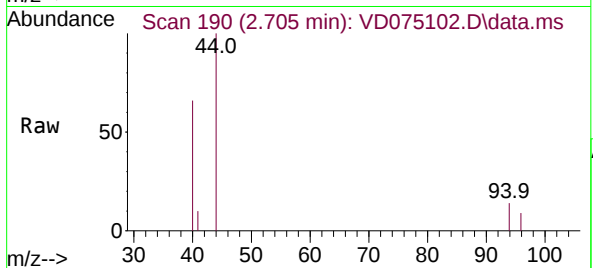




#5
Bromomethane
Concen: Below Cal
RT: 2.705 min Scan# 190
Delta R.T. 0.012 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

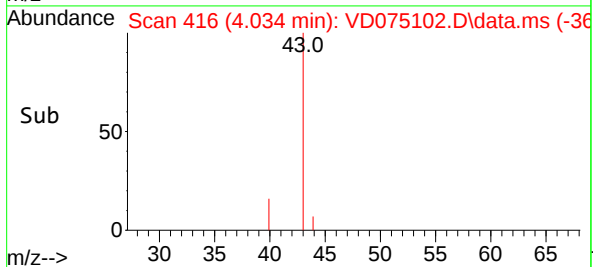
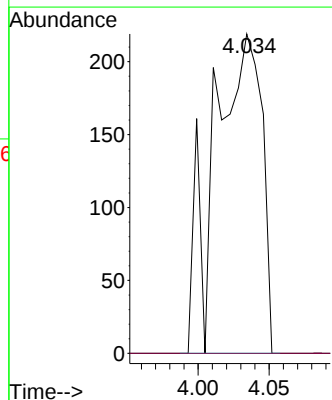
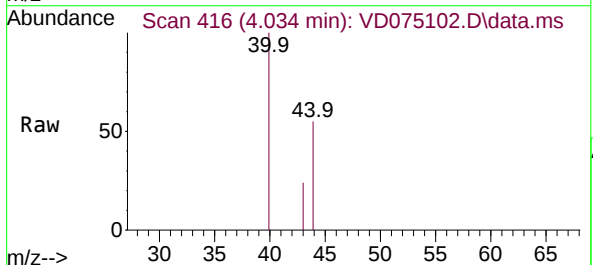
Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

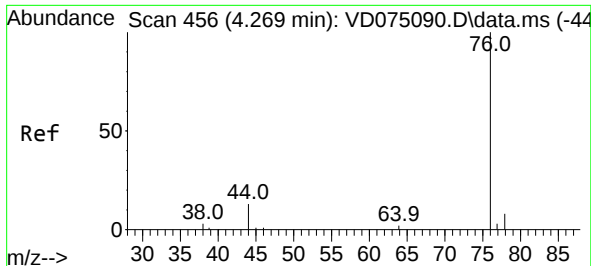
Tgt Ion: 94 Resp: 83
Ion Ratio Lower Upper
94 100
96 133.7 72.5 108.7#



#16
Acetone
Concen: 8.421 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 0.0 28.3 42.5#

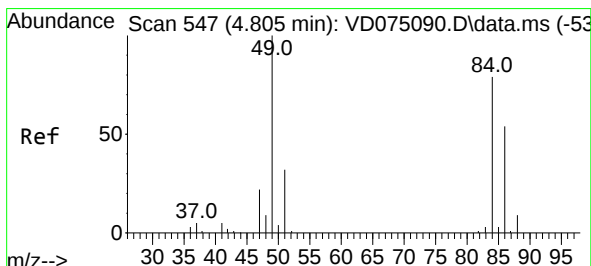
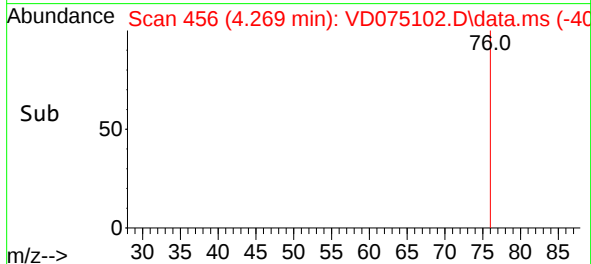
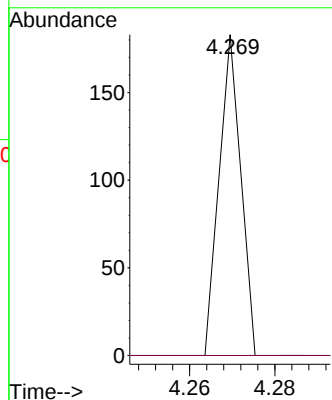
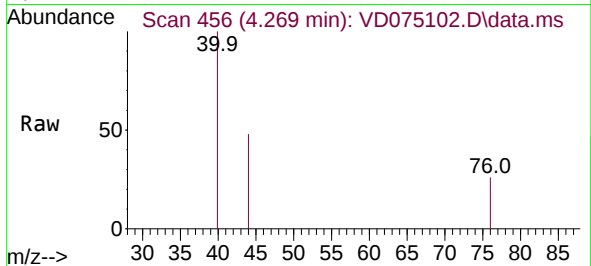




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

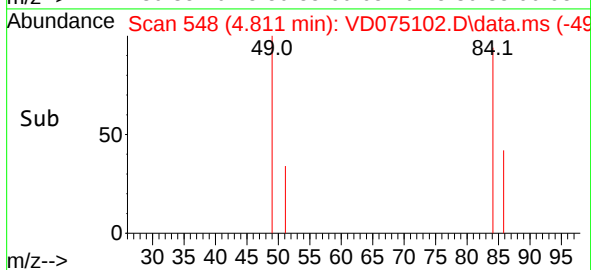
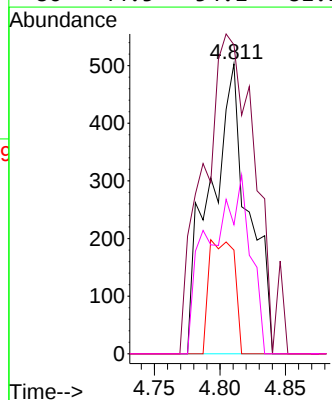
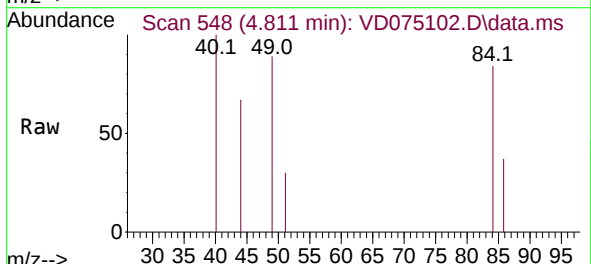
Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

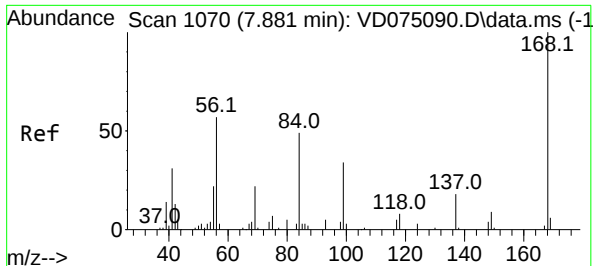
Tgt Ion: 76 Resp: 65
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

Tgt Ion: 84 Resp: 1020
Ion Ratio Lower Upper
84 100
49 106.6 100.6 151.0
51 35.8 31.8 47.8
86 44.5 54.1 81.1#

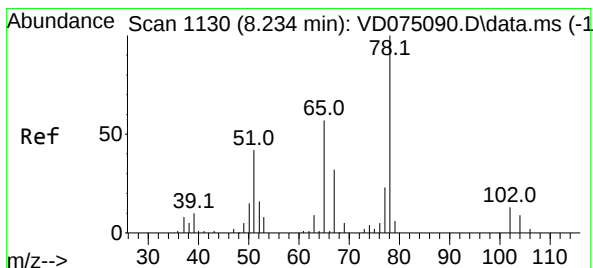
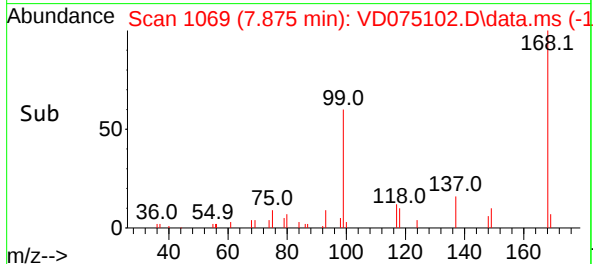
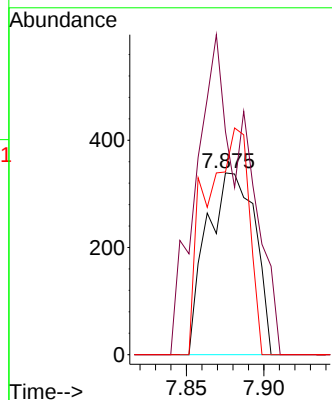
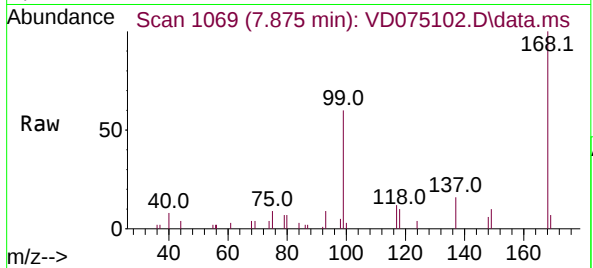




#31
Cyclohexane
Concen: Below Cal
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

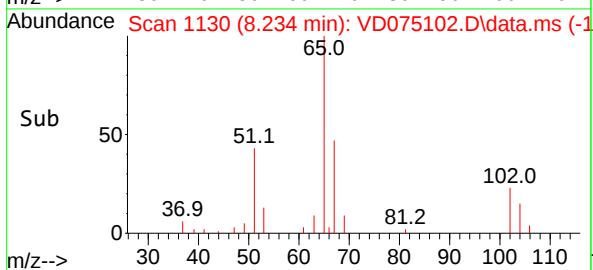
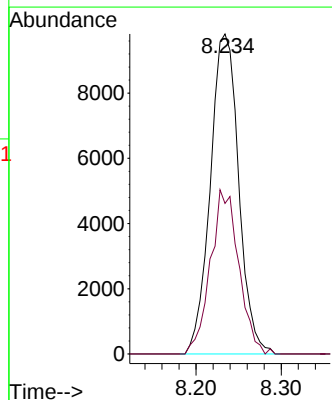
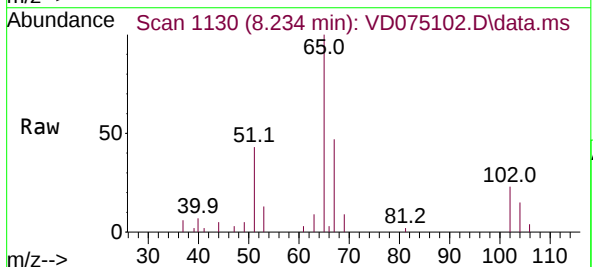
Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

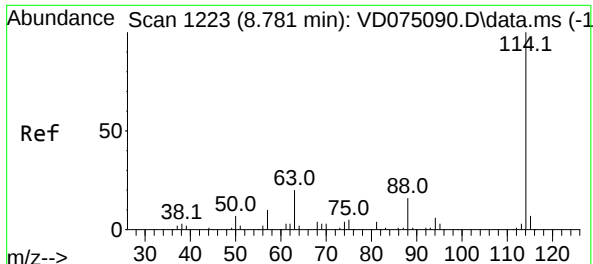
Tgt Ion: 56 Resp: 732
Ion Ratio Lower Upper
56 100
69 122.7 30.4 45.6#
84 100.6 68.6 102.8



#33
1,2-Dichloroethane-d4
Concen: 89.002 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

Tgt Ion: 65 Resp: 22749
Ion Ratio Lower Upper
65 100
67 51.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

Instrument :

MSVOA_D

ClientSampleId :

B-2-(35-37)

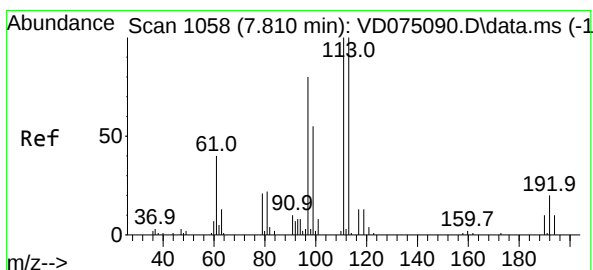
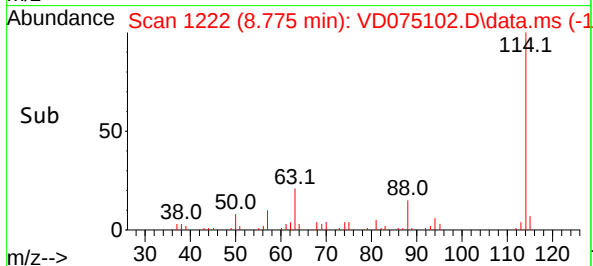
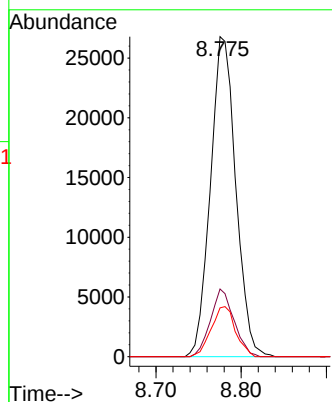
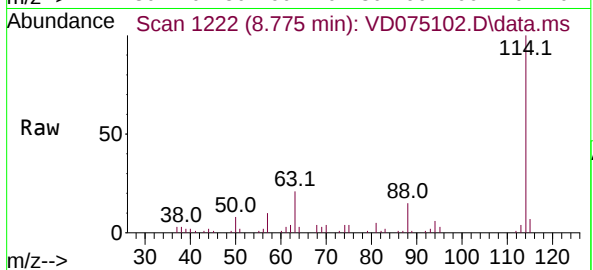
Tgt Ion:114 Resp: 55311

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 15.3 0.0 31.2



#35

Dibromofluoromethane

Concen: 53.544 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

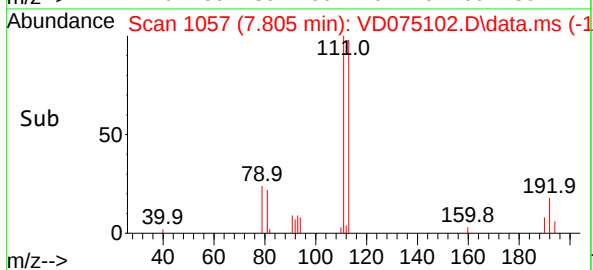
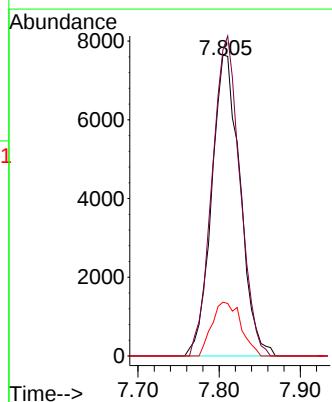
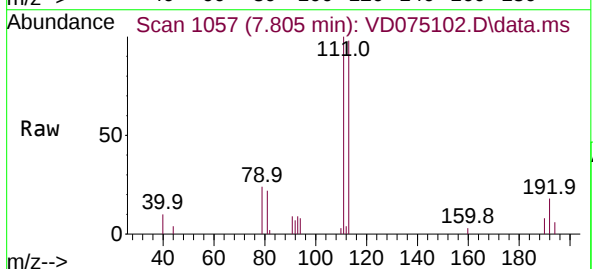
Tgt Ion:113 Resp: 18629

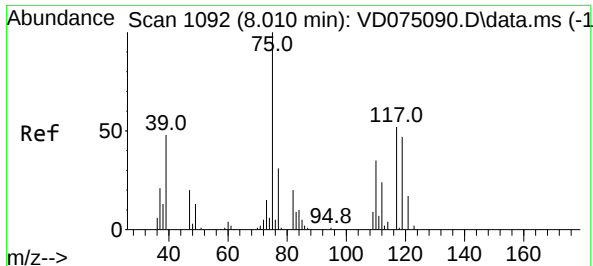
Ion Ratio Lower Upper

113 100

111 103.9 83.2 124.8

192 18.2 15.0 22.6





#36

1,1-Dichloropropene

Concen: 4.655 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

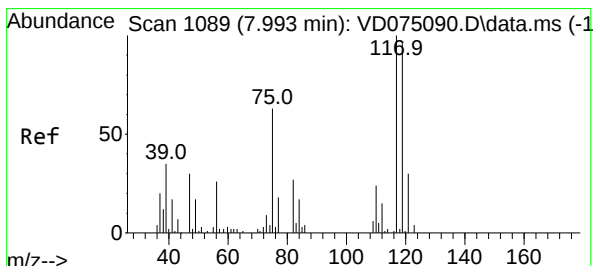
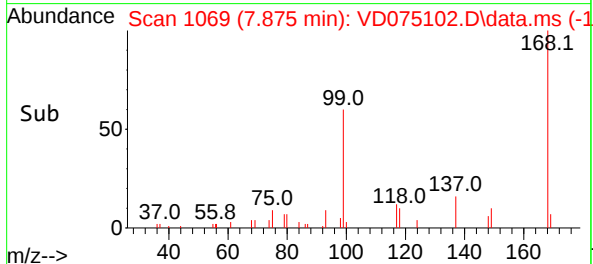
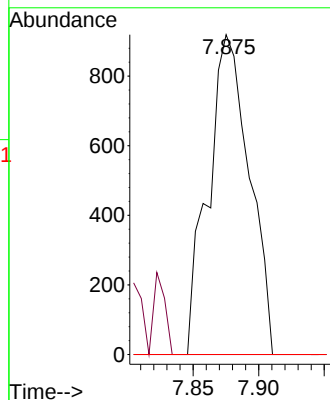
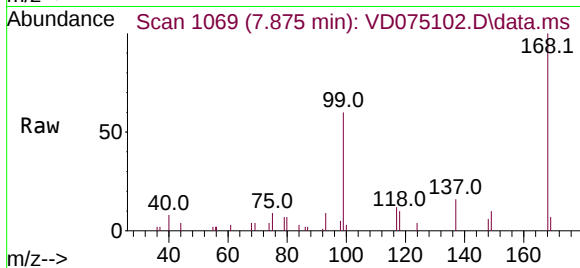
Instrument :

MSVOA_D

ClientSampleId :

B-2-(35-37)

Tgt Ion: 75	Resp: 2004
Ion Ratio	Lower Upper
75 100	
110 0.0	18.8 56.3#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.945 ug/l

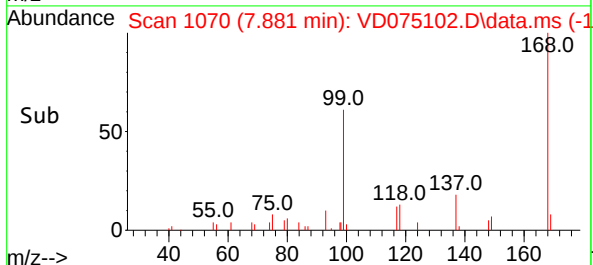
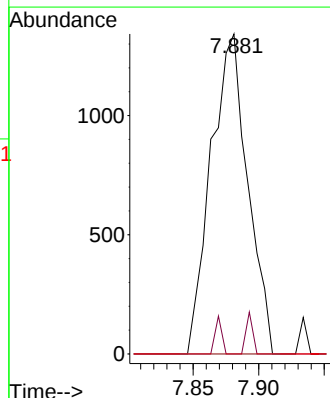
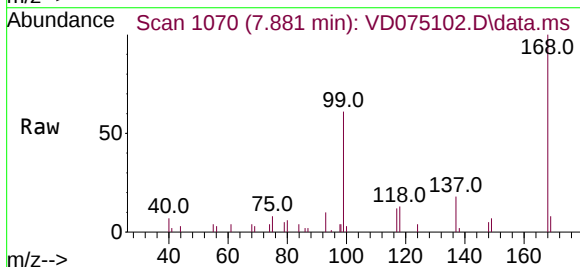
RT: 7.881 min Scan# 1070

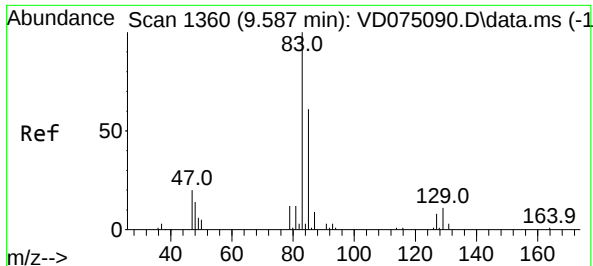
Delta R.T. -0.112 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

Tgt Ion: 117	Resp: 2619
Ion Ratio	Lower Upper
117 100	
119 0.0	76.8 115.2#
121 0.0	23.8 35.8#





#47

Bromodichloromethane

Concen: 1.158 ug/l

RT: 9.575 min Scan# 1358

Delta R.T. -0.012 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

Instrument :

MSVOA_D

ClientSampleId :

B-2-(35-37)

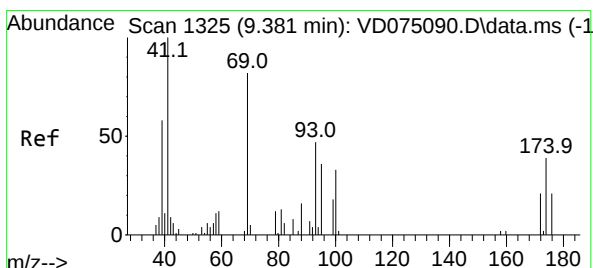
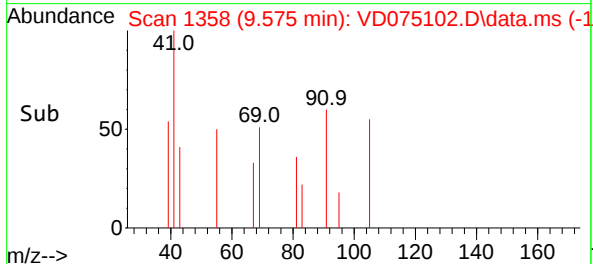
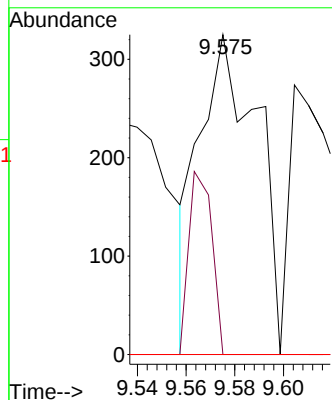
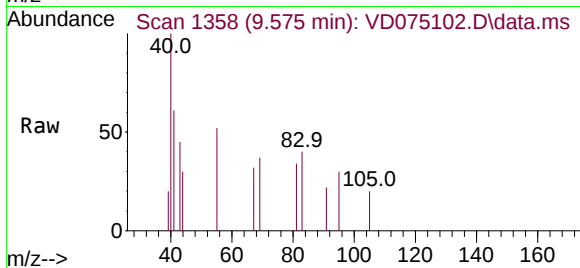
Tgt Ion: 83 Resp: 535

Ion Ratio Lower Upper

83 100

85 0.0 48.8 73.2#

127 0.0 6.6 9.8#



#48

Methyl methacrylate

Concen: 1.002 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

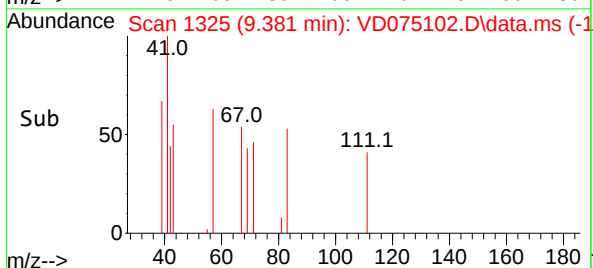
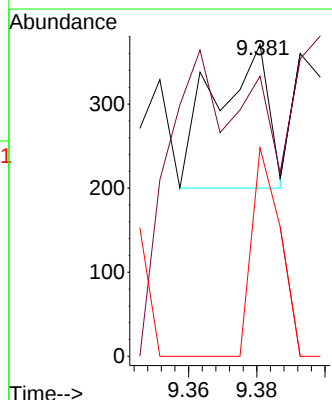
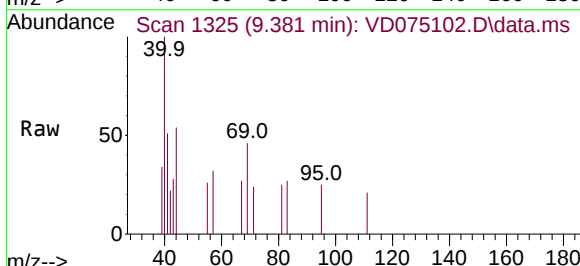
Tgt Ion: 41 Resp: 187

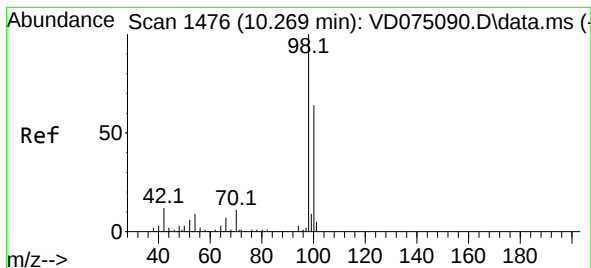
Ion Ratio Lower Upper

41 100

69 270.1 72.4 108.6#

39 75.9 50.6 76.0





#50

Toluene-d8

Concen: 51.012 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

Instrument :

MSVOA_D

ClientSampleId :

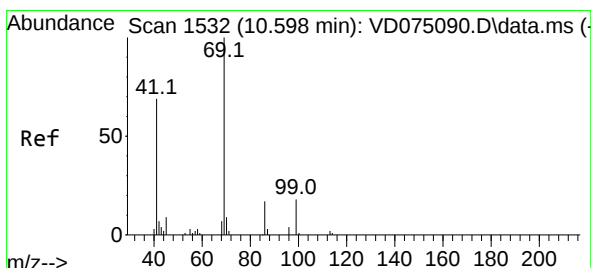
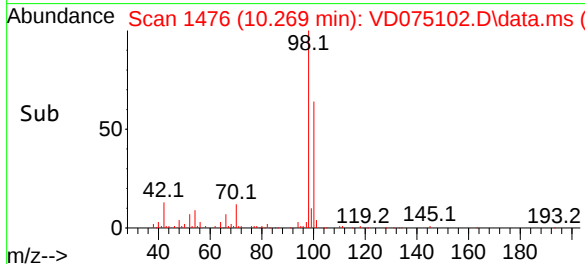
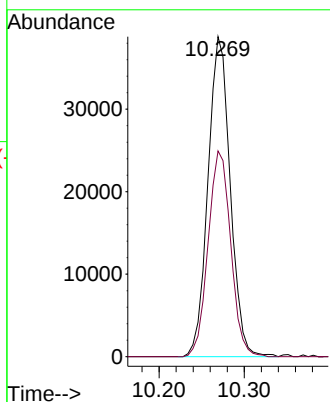
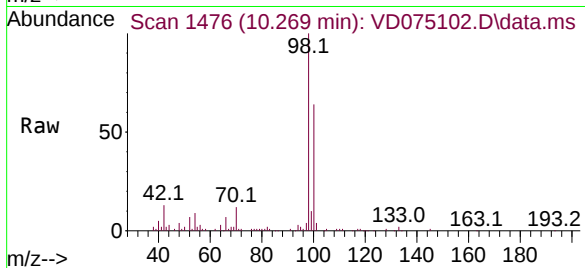
B-2-(35-37)

Tgt Ion: 98 Resp: 70372

Ion Ratio Lower Upper

98 100

100 65.3 52.4 78.6



#56

Ethyl methacrylate

Concen: 1.314 ug/l

RT: 10.575 min Scan# 1528

Delta R.T. -0.023 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

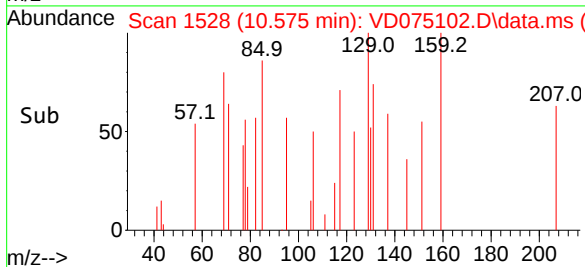
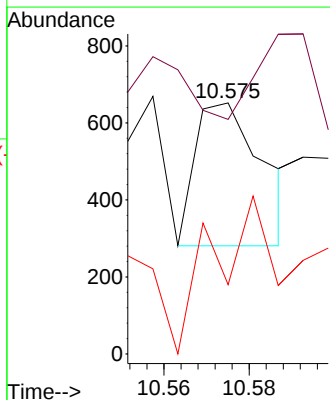
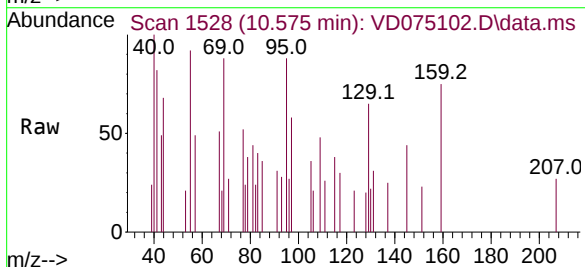
Tgt Ion: 69 Resp: 409

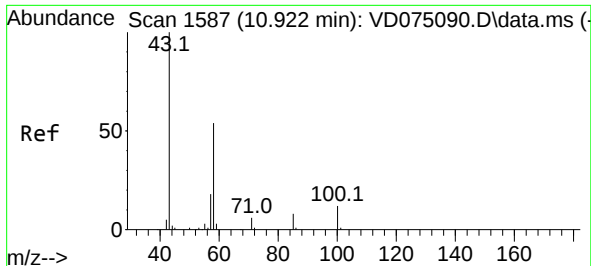
Ion Ratio Lower Upper

69 100

41 54.5 54.4 81.6

39 116.6 30.6 45.8#

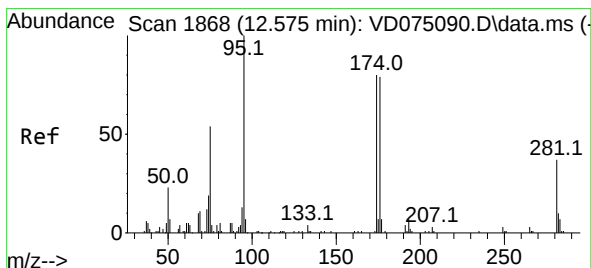
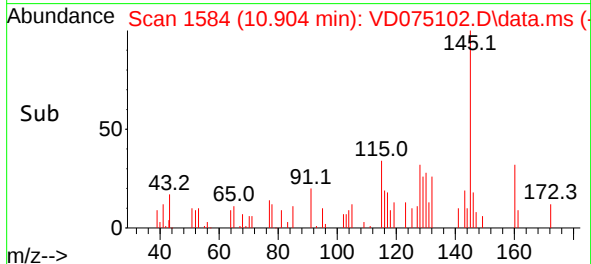
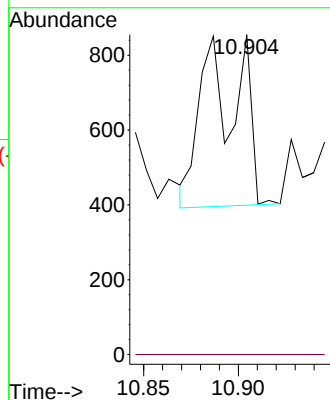
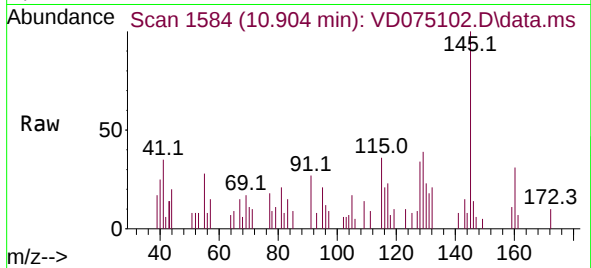




#59
2-Hexanone
Concen: 4.306 ug/l
RT: 10.904 min Scan# 1584
Delta R.T. -0.017 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

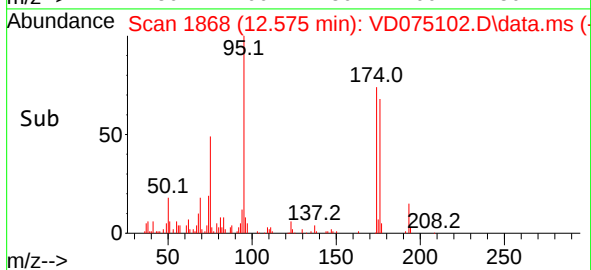
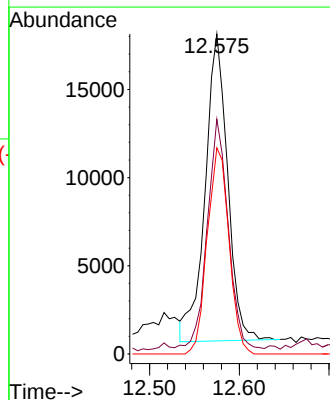
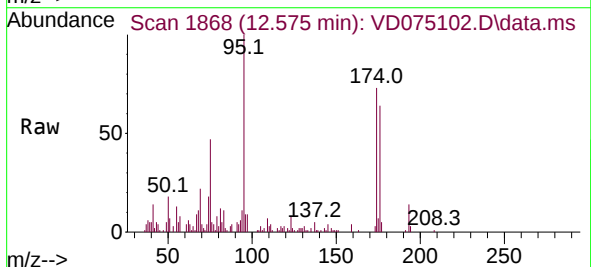
Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

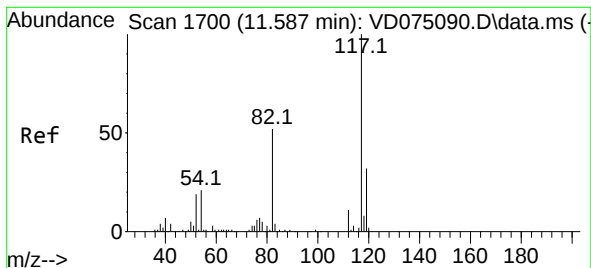
Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.8#



#62
4-Bromofluorobenzene
Concen: 68.224 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

Tgt Ion: 95 Resp: 30209
Ion Ratio Lower Upper
95 100
174 71.4 0.0 168.4
176 64.8 0.0 163.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

Instrument :

MSVOA_D

ClientSampleId :

B-2-(35-37)

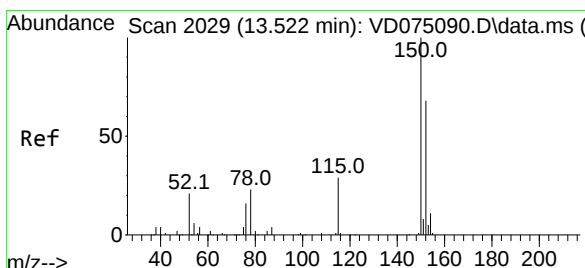
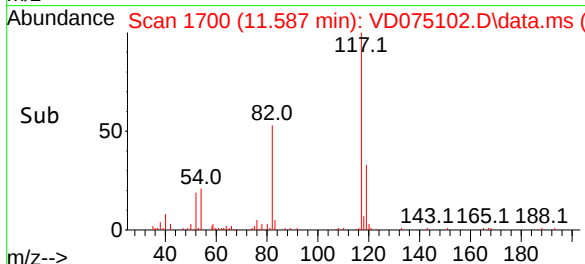
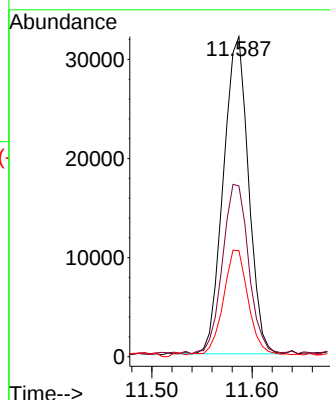
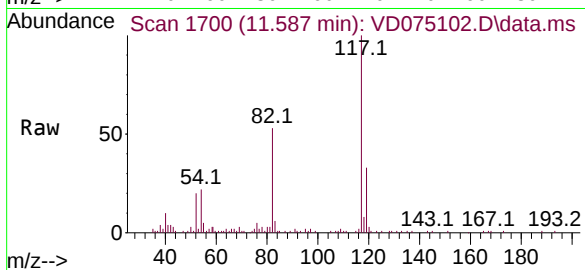
Tgt Ion:117 Resp: 55843

Ion Ratio Lower Upper

117 100

82 52.7 41.3 61.9

119 32.6 25.8 38.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD075102.D

Acq: 10 Jan 2023 13:06

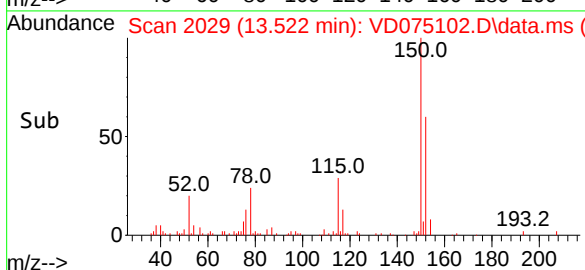
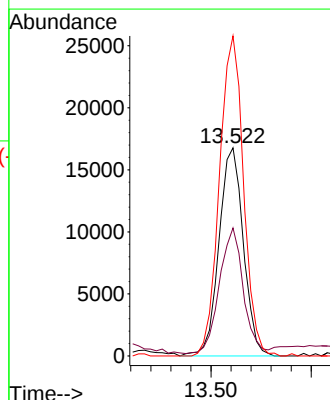
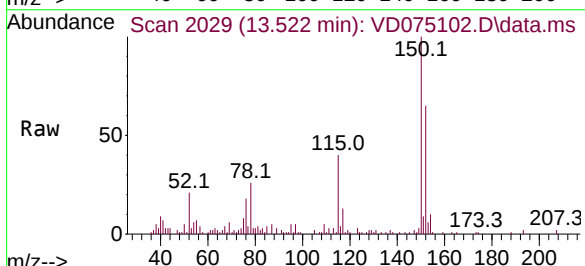
Tgt Ion:152 Resp: 28244

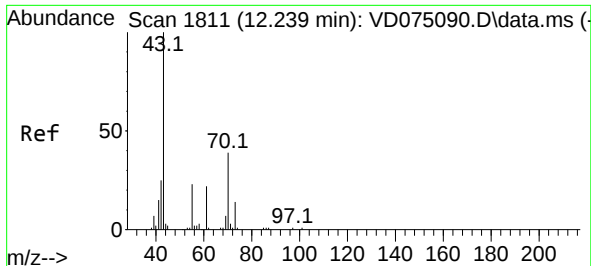
Ion Ratio Lower Upper

152 100

115 58.8 28.7 86.1

150 151.7 0.0 343.2

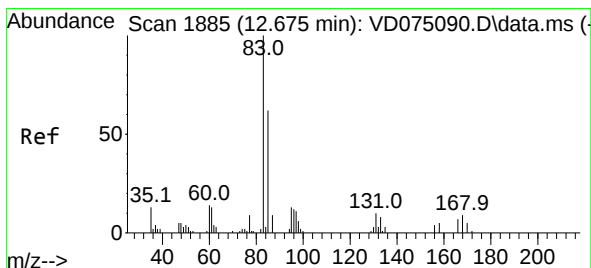
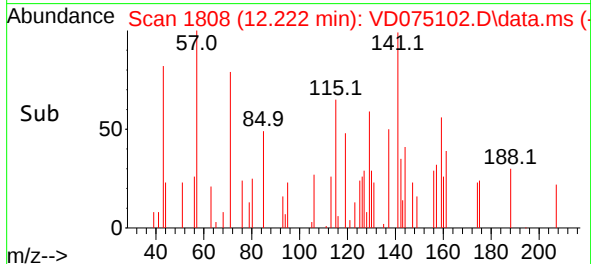
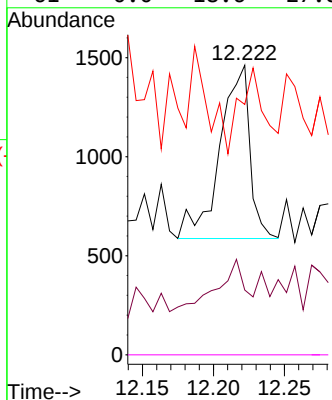
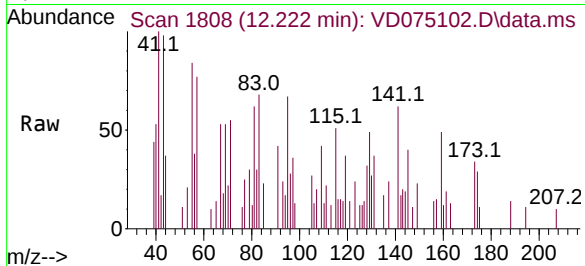




#74
N-amy1 acetate
Concen: 2.666 ug/l
RT: 12.222 min Scan# 1808
Delta R.T. -0.017 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

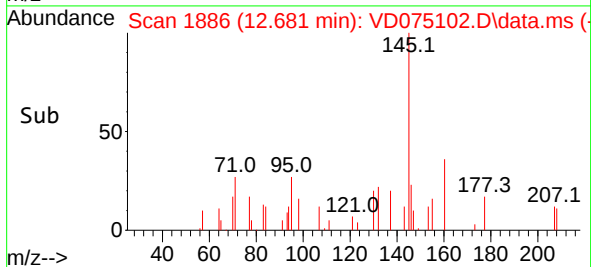
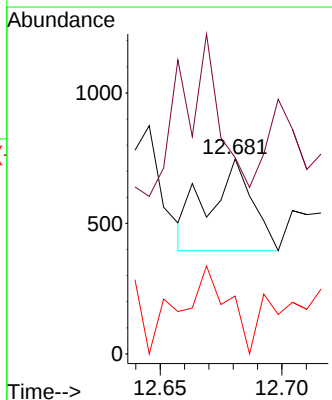
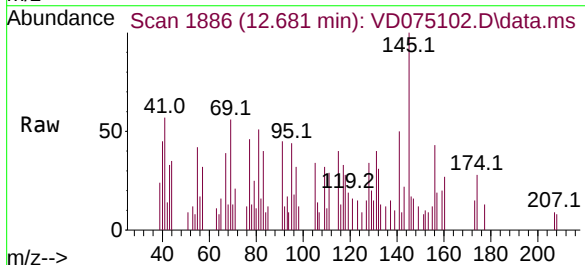
Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

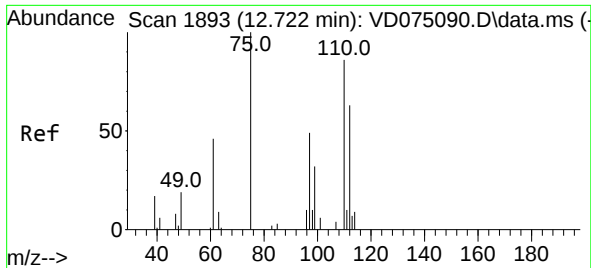
Tgt Ion:	43	Resp:	1279
Ion	Ratio	Lower	Upper
43	100		
70	3.6	33.4	50.0#
55	41.8	17.4	26.0#
61	0.0	18.6	27.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.227 ug/l
RT: 12.681 min Scan# 1886
Delta R.T. 0.006 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

Tgt Ion:	83	Resp:	444
Ion	Ratio	Lower	Upper
83	100		
131	224.1	5.3	16.1#
85	102.9	32.4	97.2#

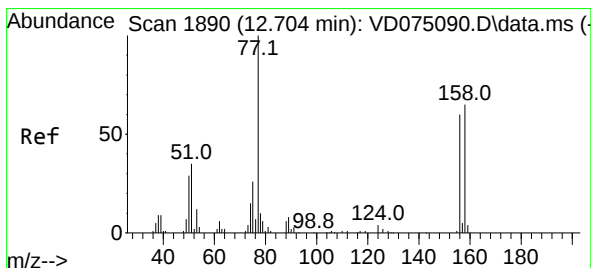
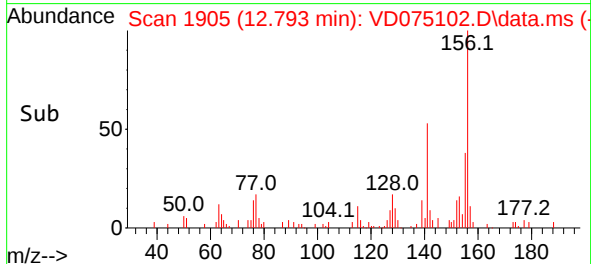
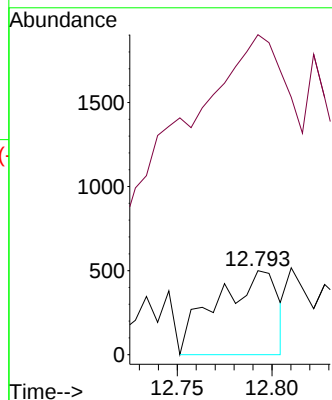
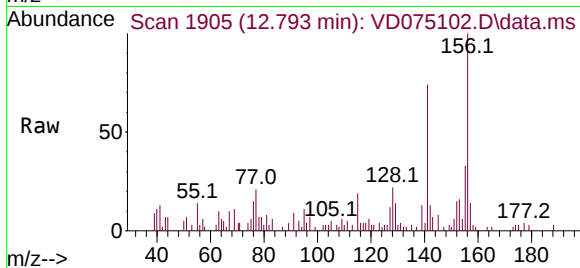




#76
1,2,3-Trichloropropane
Concen: 4.156 ug/l
RT: 12.793 min Scan# 1905
Delta R.T. 0.071 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

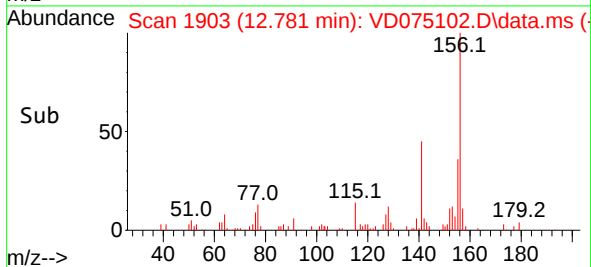
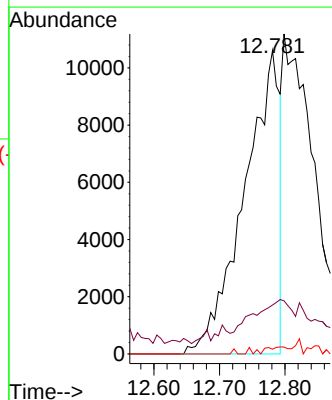
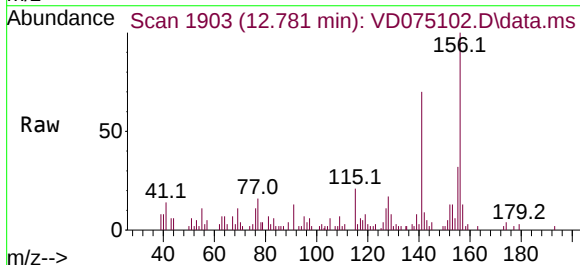
Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

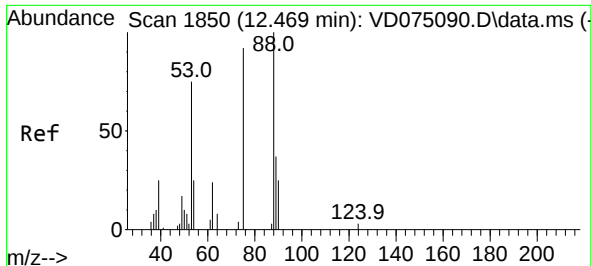
Tgt Ion: 75 Resp: 1120
Ion Ratio Lower Upper
75 100
77 391.5 149.0 447.1



#77
Bromobenzene
Concen: 85.726 ug/l
RT: 12.781 min Scan# 1903
Delta R.T. 0.077 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

Tgt Ion: 156 Resp: 39632
Ion Ratio Lower Upper
156 100
77 0.0 90.8 272.5#
158 0.5 49.4 148.0#

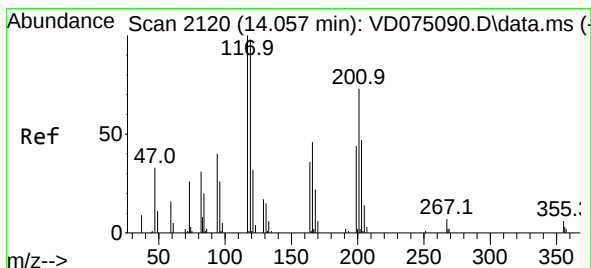
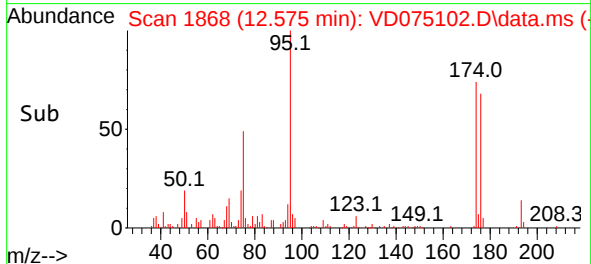
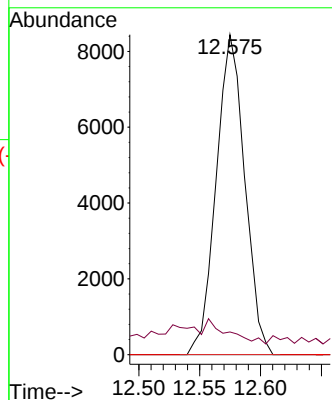
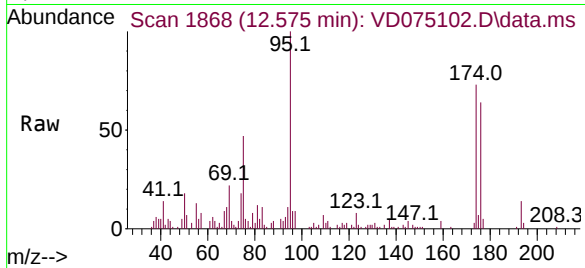




#81
trans-1,4-Dichloro-2-butene
Concen: 135.774 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

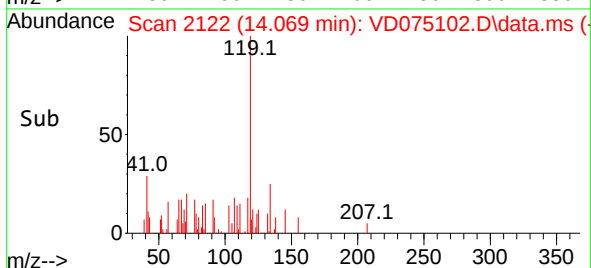
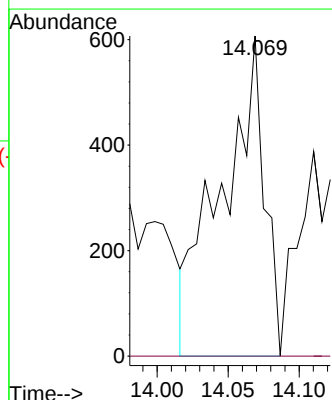
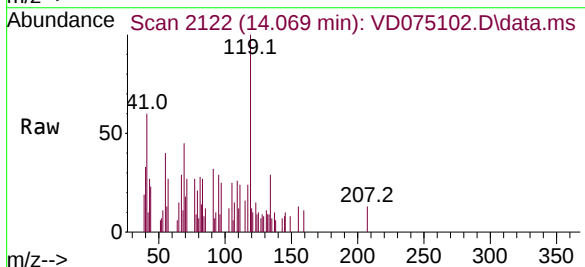
Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)

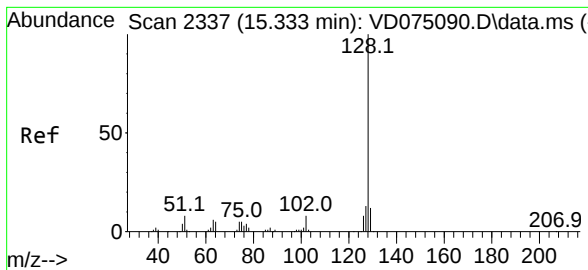
Tgt Ion: 75 Resp: 13778
Ion Ratio Lower Upper
75 100
53 6.0 68.6 103.0#
89 0.0 33.4 50.0#



#90
Hexachloroethane
Concen: 3.925 ug/l
RT: 14.069 min Scan# 2122
Delta R.T. 0.012 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

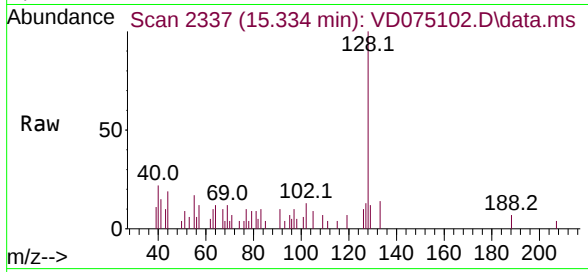
Tgt Ion: 117 Resp: 1266
Ion Ratio Lower Upper
117 100
201 0.0 35.5 106.7#





#95
Naphthalene
Concen: 8.857 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD075102.D
Acq: 10 Jan 2023 13:06

Instrument :
MSVOA_D
ClientSampleId :
B-2-(35-37)



Tgt Ion:	128	Resp:	9265
Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.3	15.5
129	13.3	8.9	13.3

