

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075658.D
 Acq On : 13 Apr 2023 13:40
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Apr 13 14:39:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

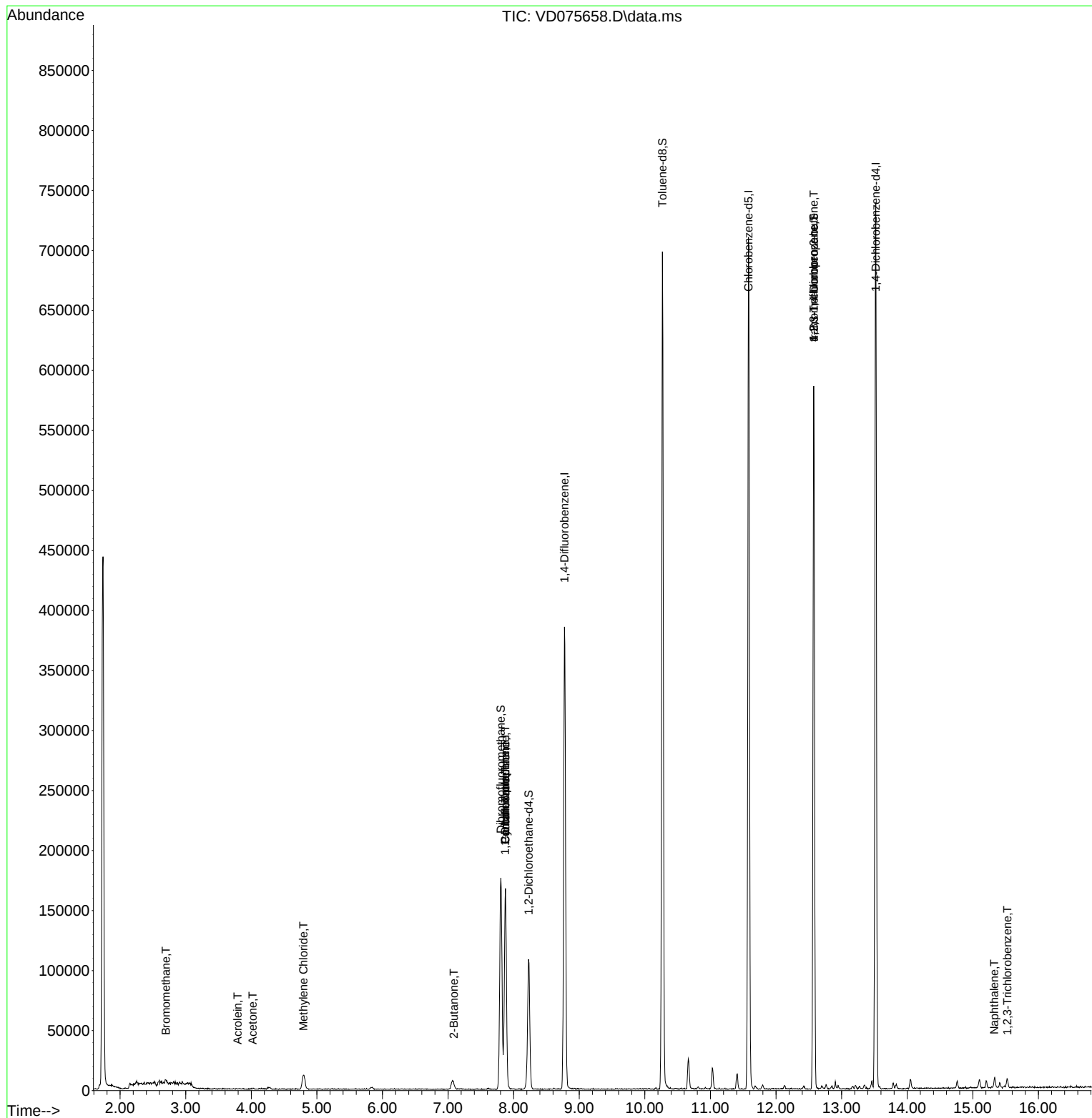
Internal Standards						
1) Pentafluorobenzene	7.875	168	135846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	377333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	453299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	216818	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83226	64.544	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.080%	
35) Dibromofluoromethane	7.804	113	133998	52.798	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.600%	
50) Toluene-d8	10.269	98	508722	50.054	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	12.575	95	181404	67.152	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 134.300%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	2474	1.048	ug/l	92
13) Acrolein	3.793	56	204	1.563	ug/l #	16
16) Acetone	4.022	43	638	2.701	ug/l #	44
20) Methylene Chloride	4.793	84	11647	1.940	ug/l #	69
25) 2-Butanone	7.087	43	377	1.240	ug/l #	49
31) Cyclohexane	7.875	56	2349	1.161	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	10043	2.868	ug/l #	49
38) Carbon Tetrachloride	7.875	117	12715	4.124	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	88673	50.151	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	88673	108.697	ug/l #	5
95) Naphthalene	15.328	128	9869	1.370	ug/l	94
96) 1,2,3-Trichlorobenzene	15.528	180	3935	1.175	ug/l	97

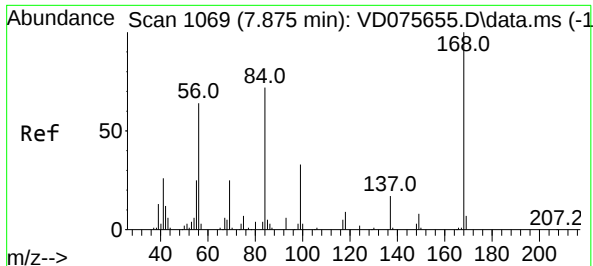
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
Data File : VD075658.D
Acq On : 13 Apr 2023 13:40
Operator : KP/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Apr 13 14:39:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

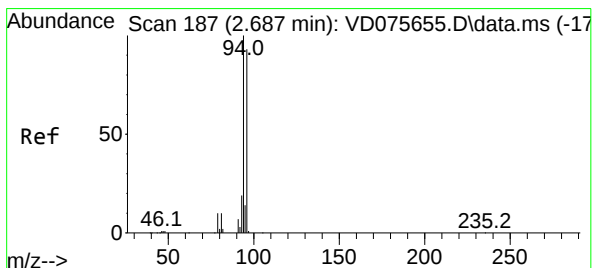
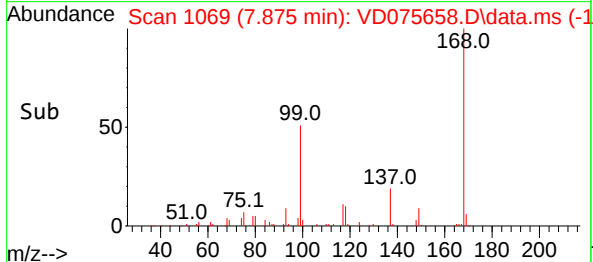
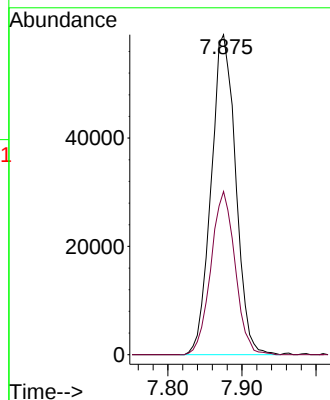
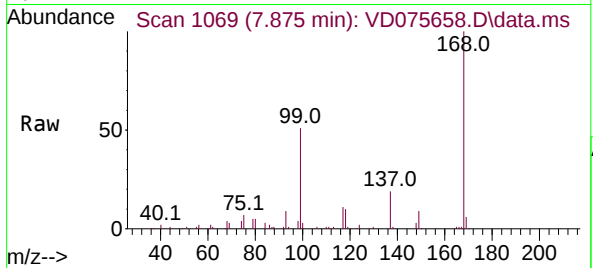




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

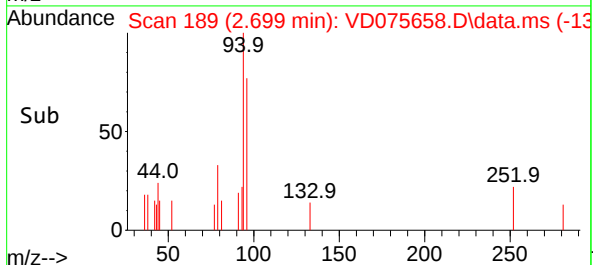
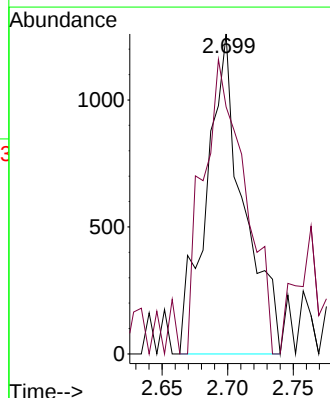
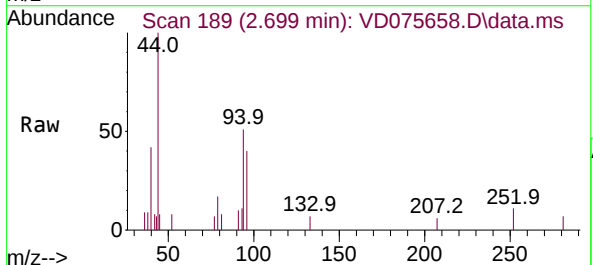
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

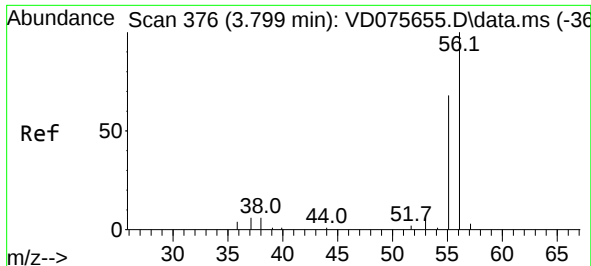
Tgt Ion:168 Resp: 135846
Ion Ratio Lower Upper
168 100
99 51.0 43.8 65.6



#5
Bromomethane
Concen: 1.048 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 94 Resp: 2474
Ion Ratio Lower Upper
94 100
96 104.3 77.5 116.3





#13

Acrolein

Concen: 1.563 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD075658.D

Acq: 13 Apr 2023 13:40

Instrument :

MSVOA_D

ClientSampleId :

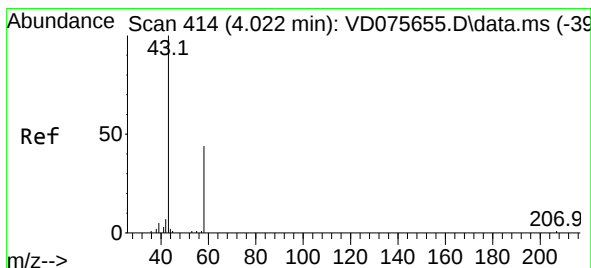
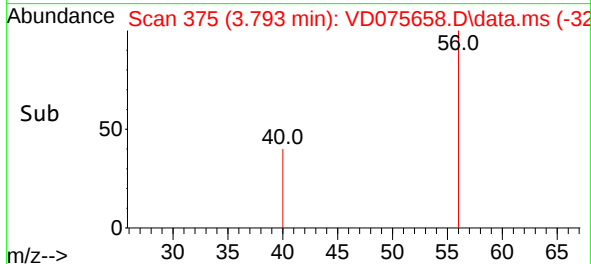
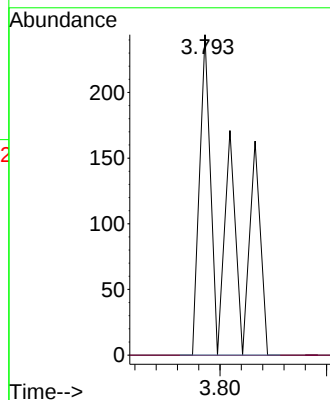
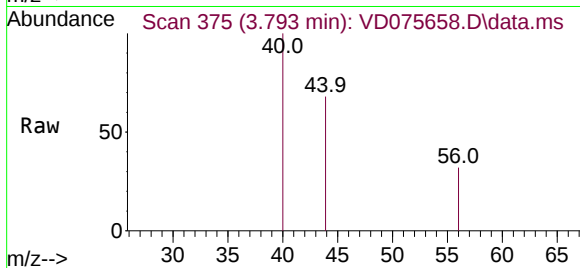
VIBLK

Tgt Ion: 56 Resp: 204

Ion Ratio Lower Upper

56 100

55 0.0 53.9 80.9#



#16

Acetone

Concen: 2.701 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD075658.D

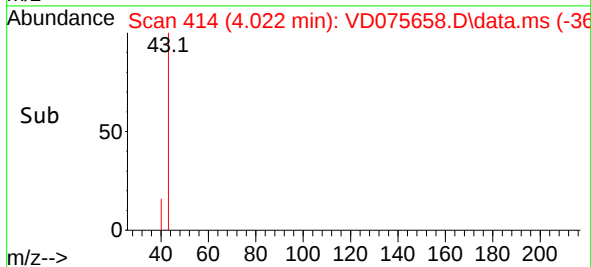
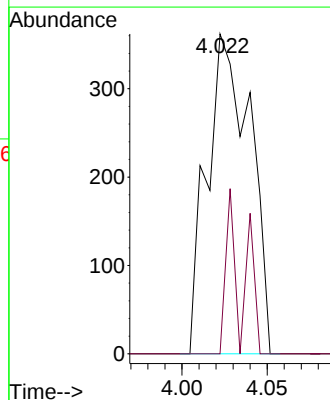
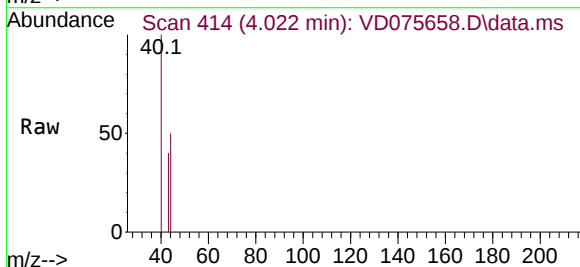
Acq: 13 Apr 2023 13:40

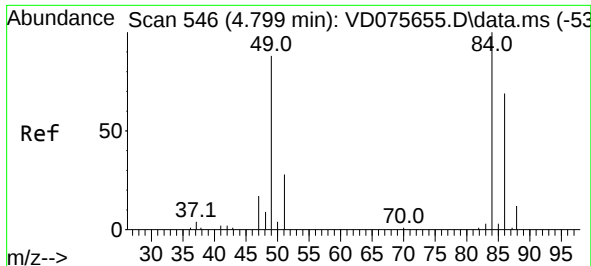
Tgt Ion: 43 Resp: 638

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#

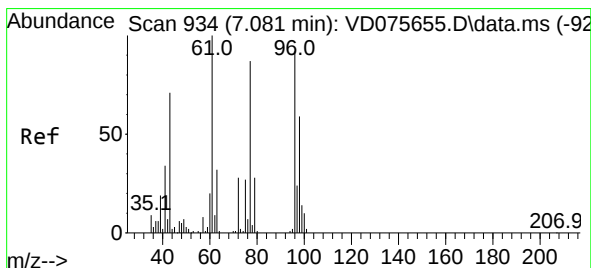
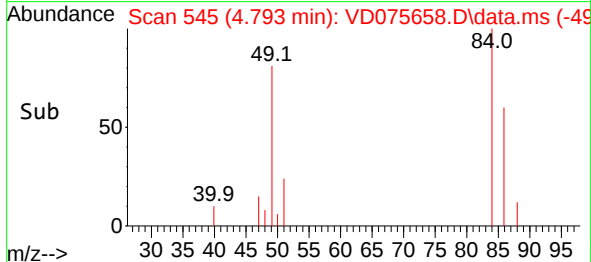
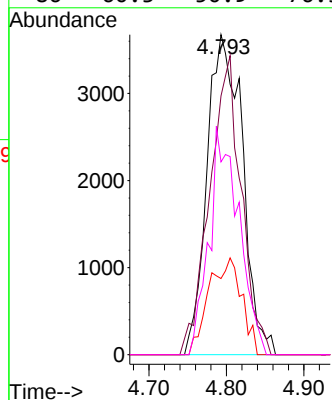
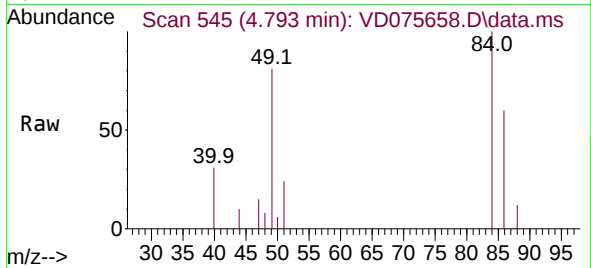




#20
Methylene Chloride
Concen: 1.940 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

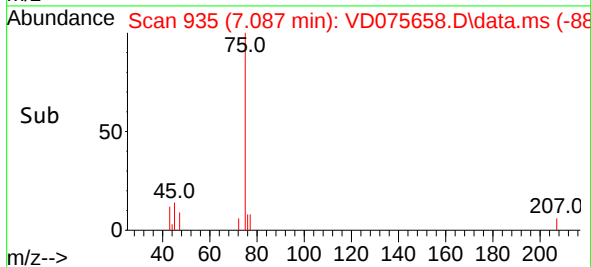
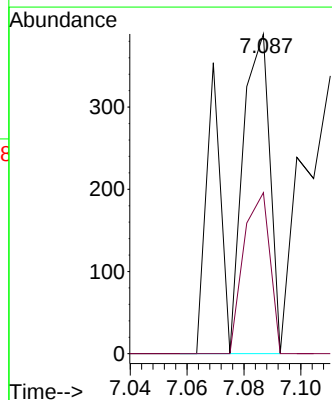
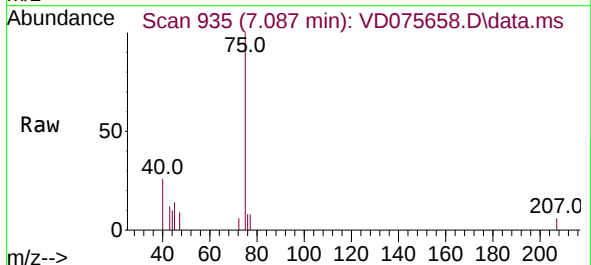
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

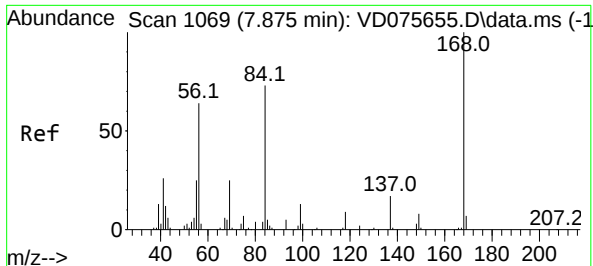
Tgt Ion: 84	Resp: 11647
Ion Ratio	Lower Upper
84 100	
49 80.9	106.4 159.6#
51 23.8	32.4 48.6#
86 60.3	50.9 76.3



#25
2-Butanone
Concen: 1.240 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 43	Resp: 377		
Ion Ratio	Lower	Upper	
43 100			
72 50.4	19.8	29.8#	

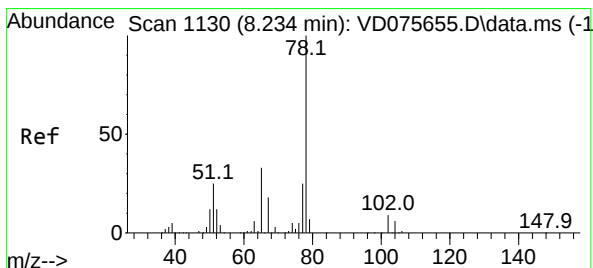
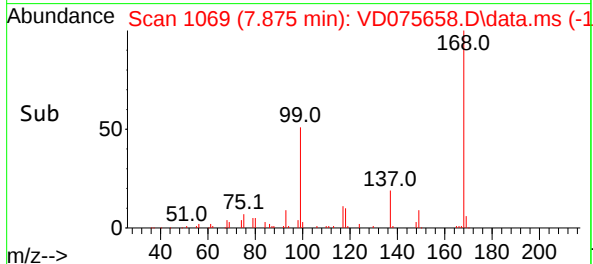
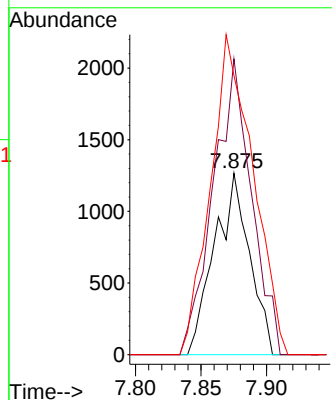
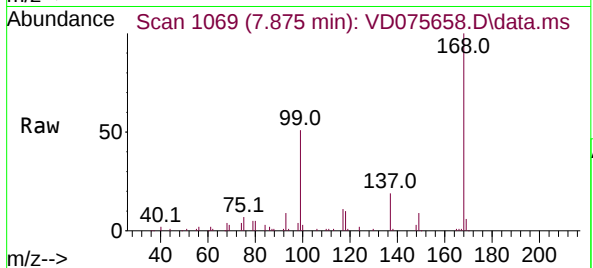




#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

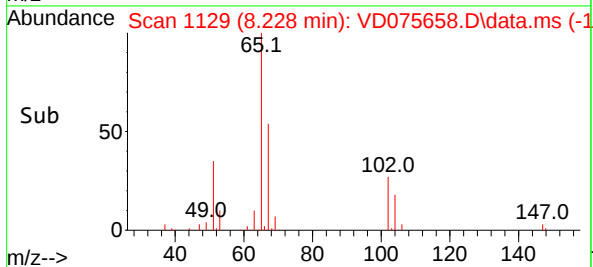
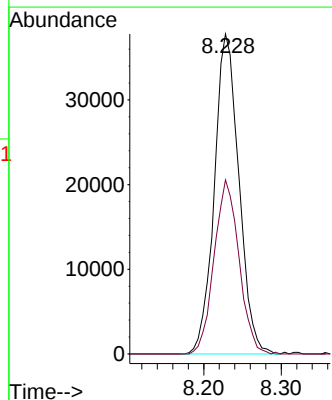
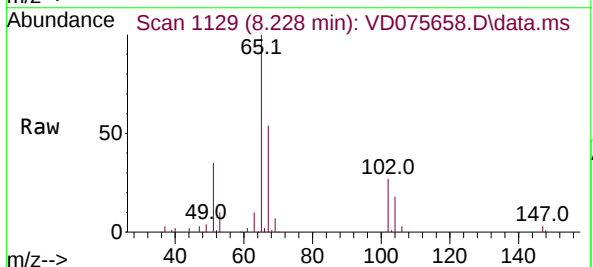
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

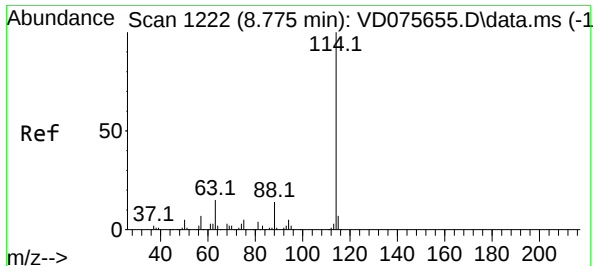
Tgt Ion: 56 Resp: 2349
Ion Ratio Lower Upper
56 100
69 163.0 25.5 38.3#
84 153.8 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 64.544 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 65 Resp: 83226
Ion Ratio Lower Upper
65 100
67 55.1 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD075658.D

Acq: 13 Apr 2023 13:40

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

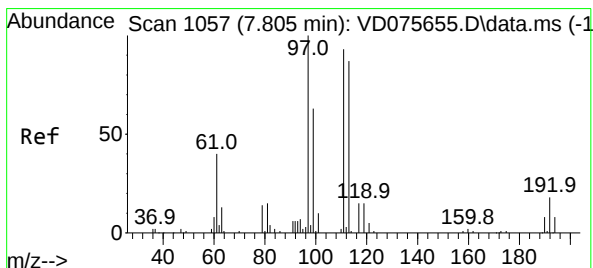
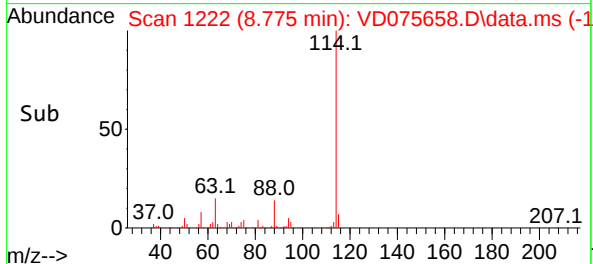
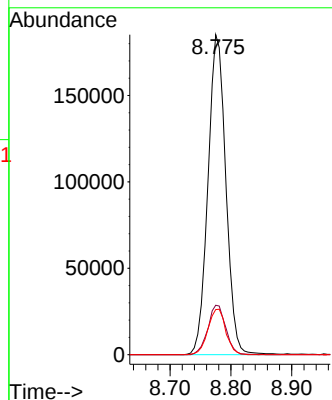
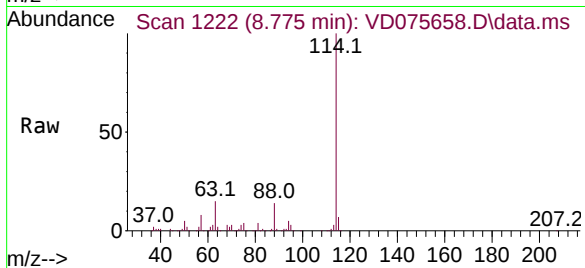
Tgt Ion:114 Resp: 377333

Ion Ratio Lower Upper

114 100

63 15.5 0.0 41.6

88 14.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.798 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075658.D

Acq: 13 Apr 2023 13:40

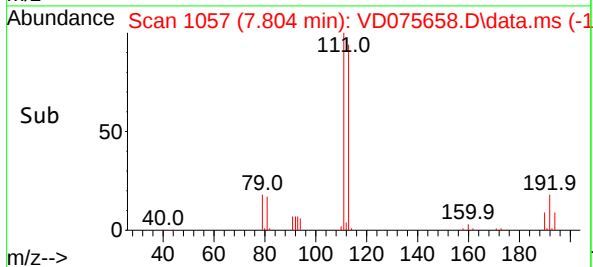
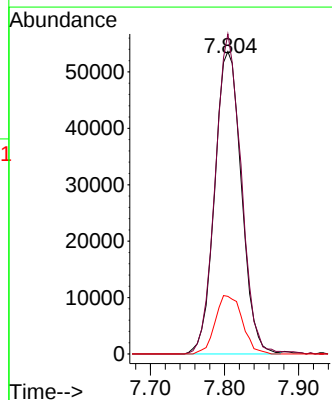
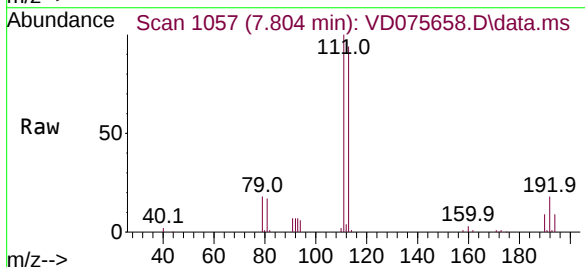
Tgt Ion:113 Resp: 133998

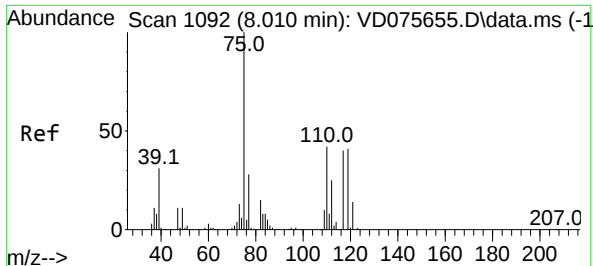
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 19.6 15.2 22.8





#36

1,1-Dichloropropene

Concen: 2.868 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD075658.D

Acq: 13 Apr 2023 13:40

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

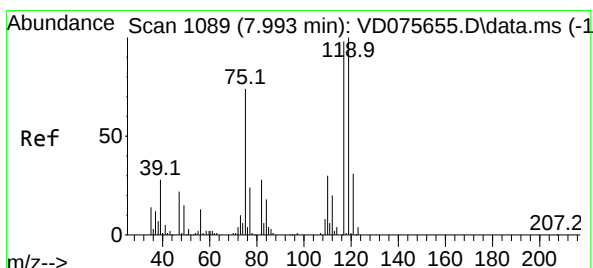
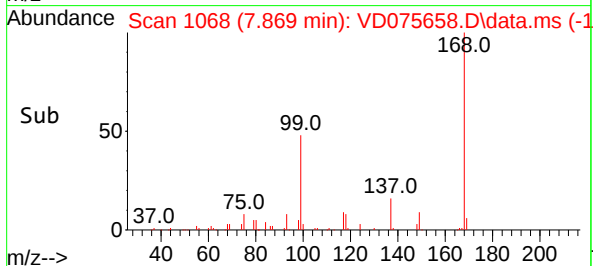
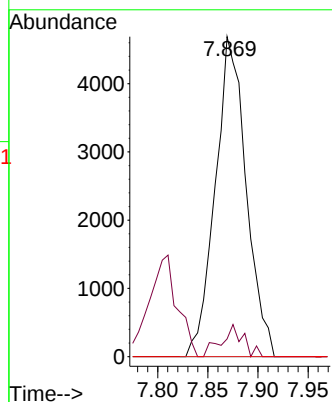
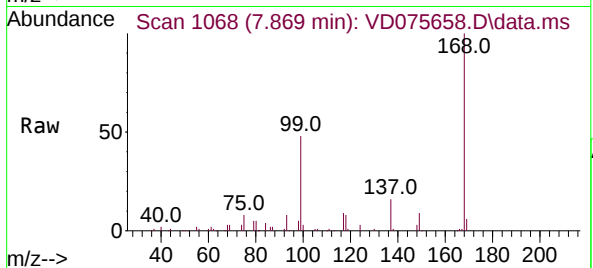
Tgt Ion: 75 Resp: 10043

Ion Ratio Lower Upper

75 100

110 7.1 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.124 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075658.D

Acq: 13 Apr 2023 13:40

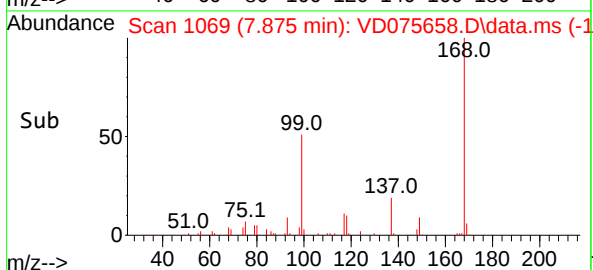
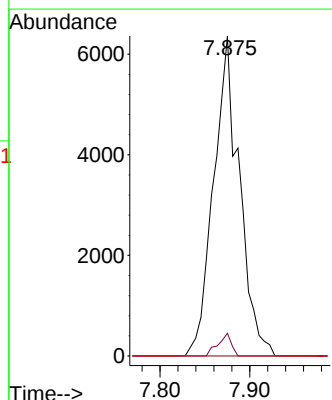
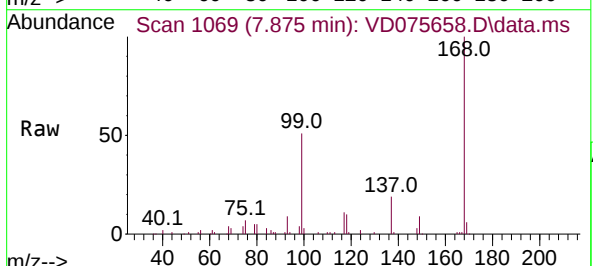
Tgt Ion: 117 Resp: 12715

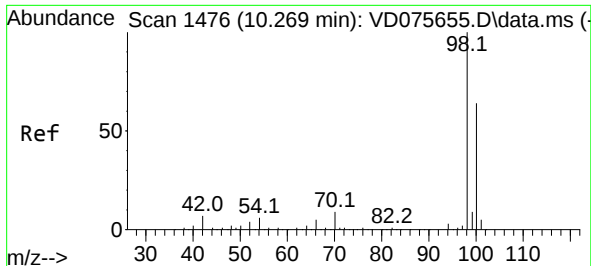
Ion Ratio Lower Upper

117 100

119 7.1 74.7 112.1#

121 0.0 25.9 38.9#

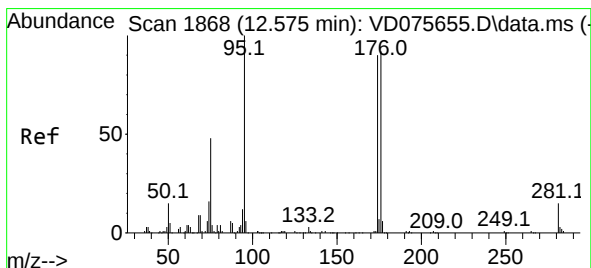
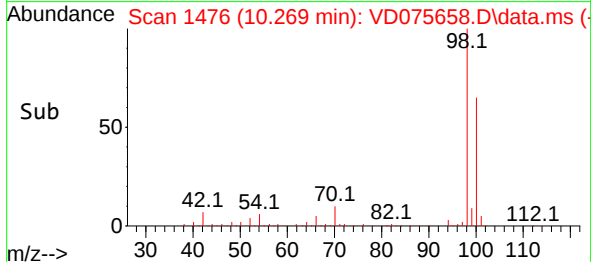
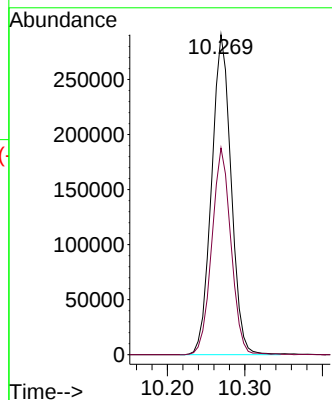
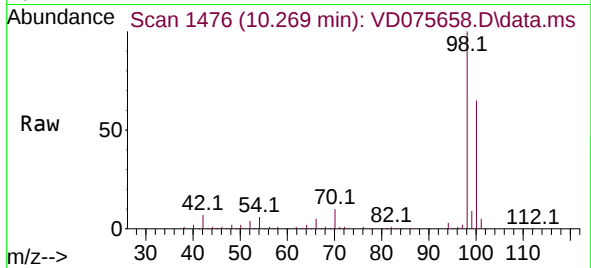




#50
Toluene-d8
Concen: 50.054 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

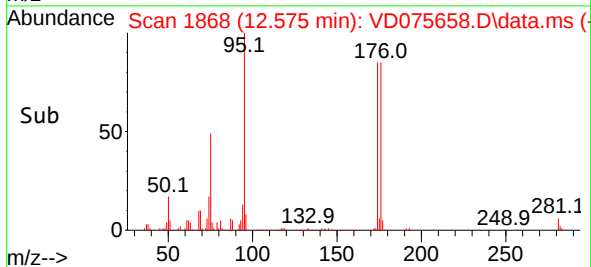
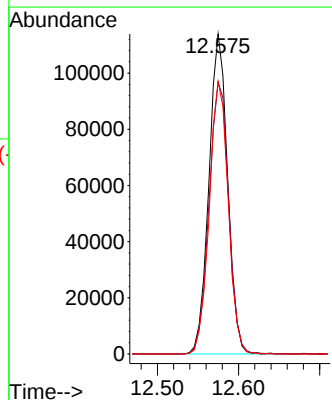
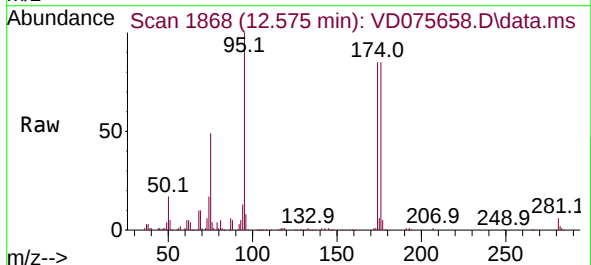
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

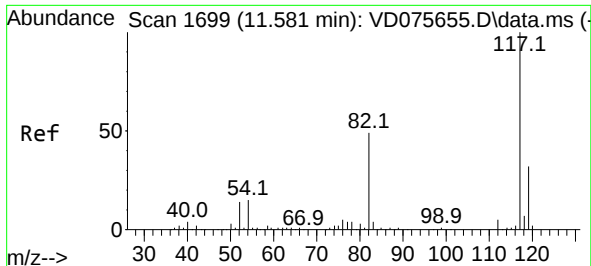
Tgt Ion: 98 Resp: 508722
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 67.152 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 95 Resp: 181404
Ion Ratio Lower Upper
95 100
174 89.7 0.0 164.0
176 86.4 0.0 156.8

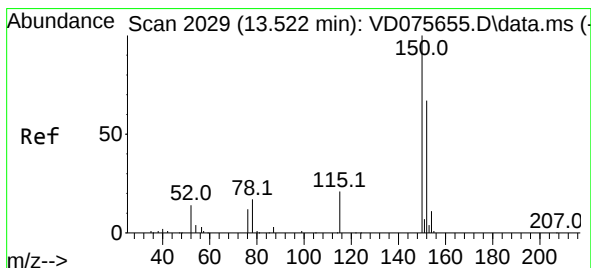
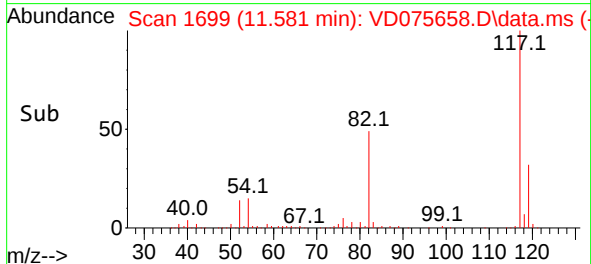
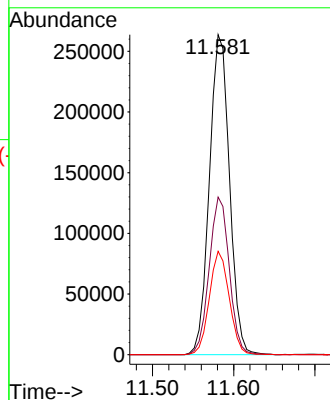
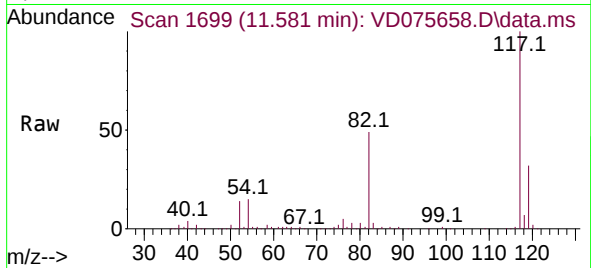




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

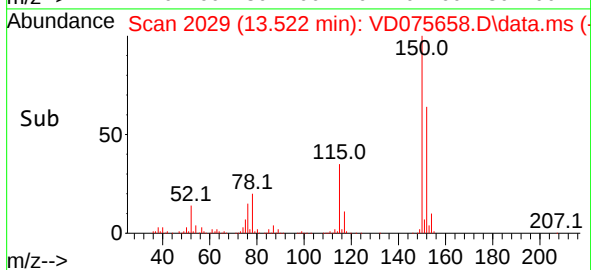
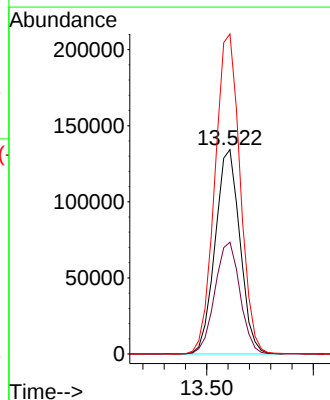
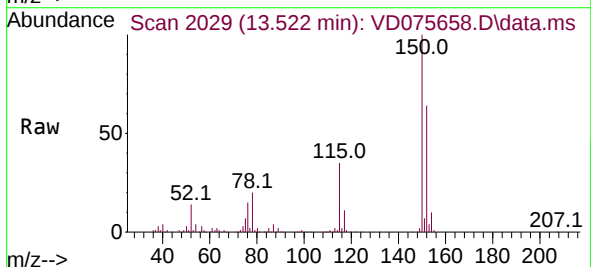
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

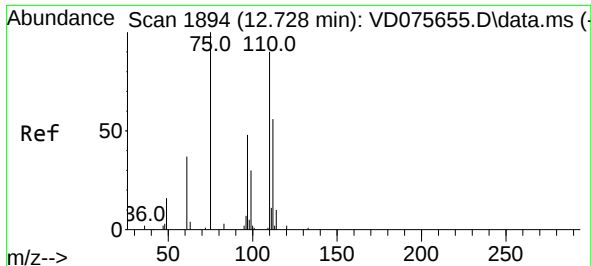
Tgt Ion:117 Resp: 453299
Ion Ratio Lower Upper
117 100
82 49.3 44.0 66.0
119 32.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

Tgt Ion:152 Resp: 216818
Ion Ratio Lower Upper
152 100
115 55.6 30.1 90.3
150 159.7 0.0 364.8

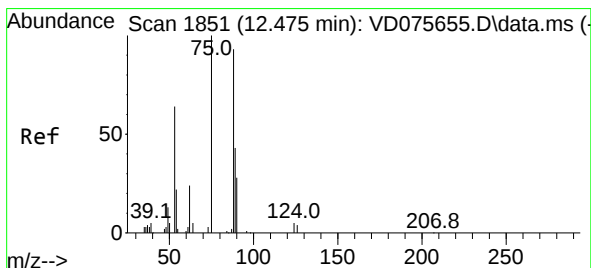
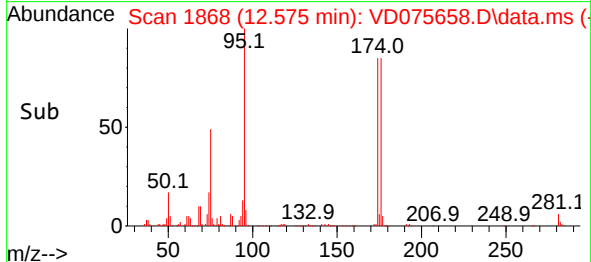
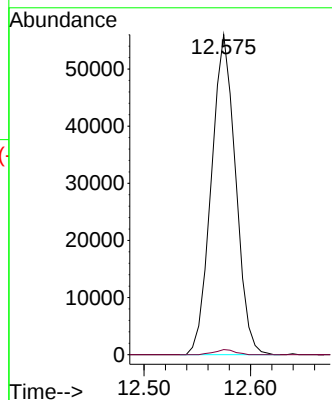
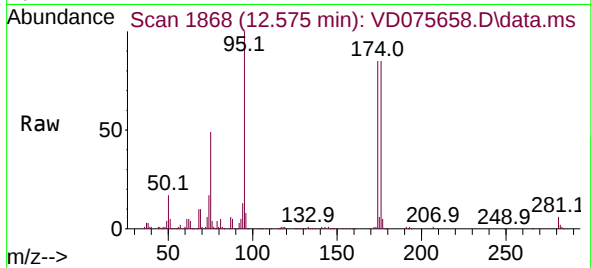




#76
1,2,3-Trichloropropane
Concen: 50.151 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

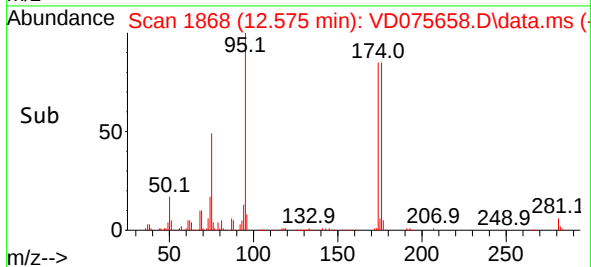
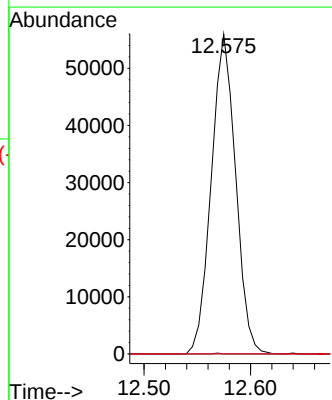
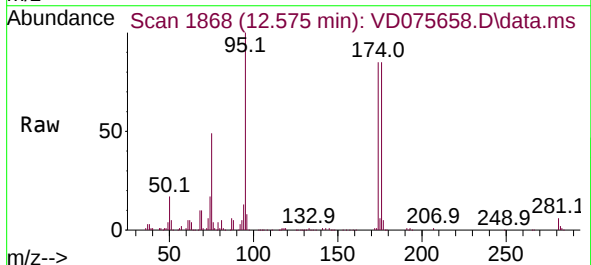
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

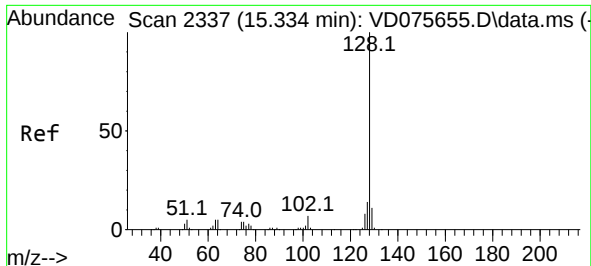
Tgt Ion: 75 Resp: 88673
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.697 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

Tgt Ion: 75 Resp: 88673
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 40.2 60.4#

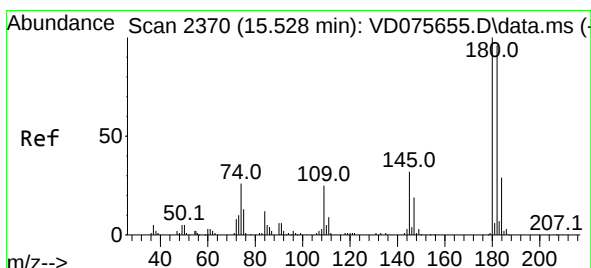
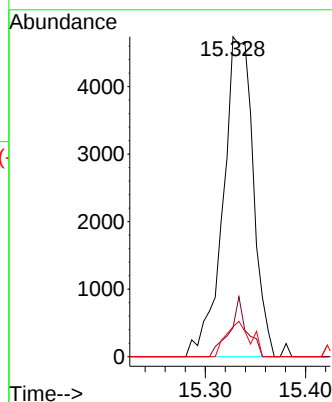
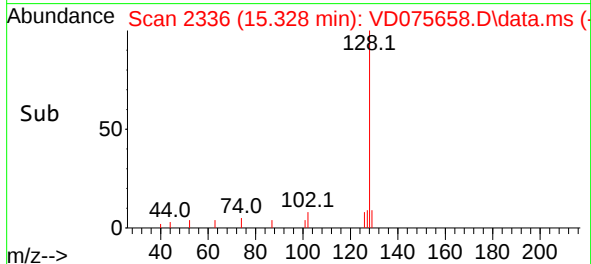
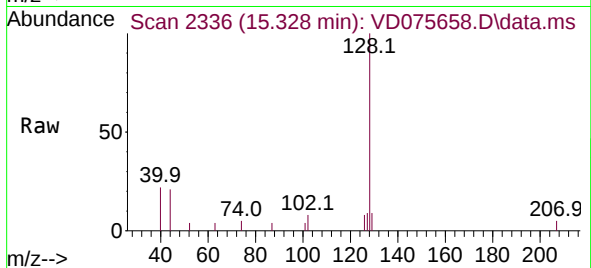




#95
Naphthalene
Concen: 1.370 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 9869
Ion Ratio Lower Upper
128 100
127 10.6 10.4 15.6
129 8.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.175 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075658.D
Acq: 13 Apr 2023 13:40

Tgt Ion:180 Resp: 3935
Ion Ratio Lower Upper
180 100
182 94.0 47.7 143.1
145 28.8 16.4 49.4

