

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075725.D
 Acq On : 18 Apr 2023 14:22
 Operator : KP/SY
 Sample : VIBLK
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Apr 19 01:23:36 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)

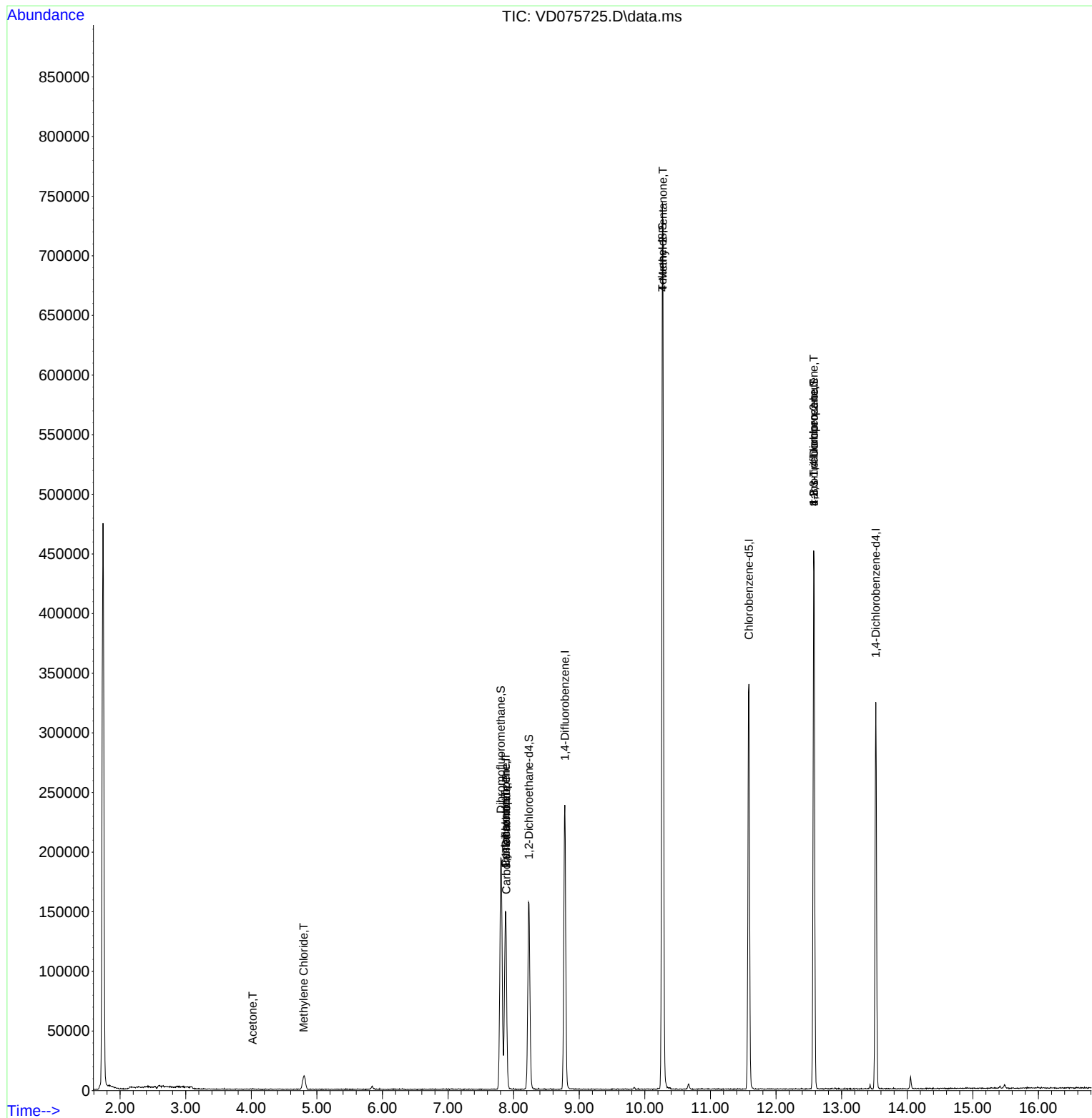
Internal Standards						
1) Pentafluorobenzene	7.881	168	126737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	235488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	218165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	91858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	121800	101.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 202.500%#	
35) Dibromofluoromethane	7.804	113	150183	94.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 189.640%#	
50) Toluene-d8	10.269	98	558524	88.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 176.120%#	
62) 4-Bromofluorobenzene	12.575	95	144817	85.899	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 171.800%#	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	393	1.783	ug/l #	44
20) Methylene Chloride	4.799	84	10877	1.947	ug/l #	67
31) Cyclohexane	7.875	56	2150	1.139	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	9527	4.360	ug/l #	46
38) Carbon Tetrachloride	7.887	117	11995	6.234	ug/l #	19
51) 4-Methyl-2-Pentanone	10.275	43	1358	2.100	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	69816	93.201	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	69816	202.003	ug/l #	5

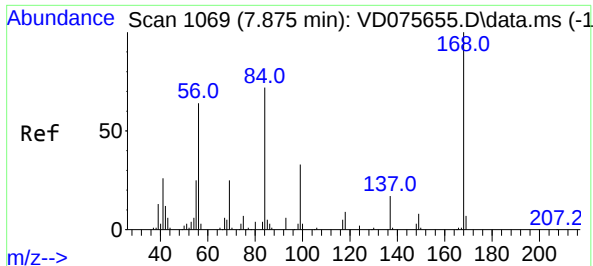
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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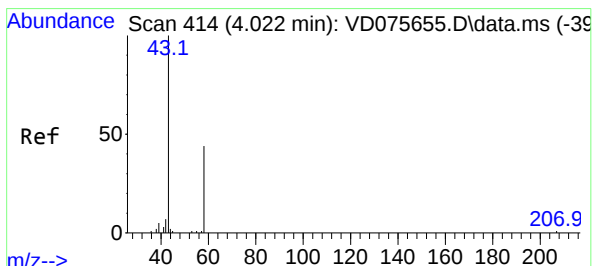
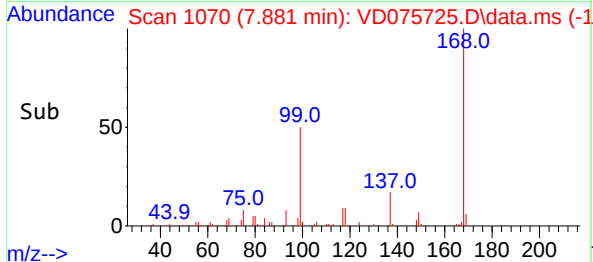
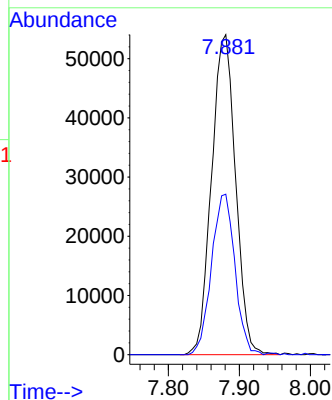
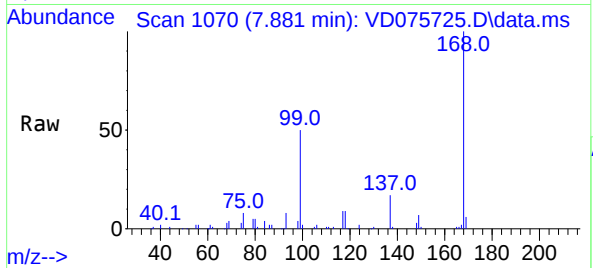




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075725.D
Acq: 18 Apr 2023 14:22

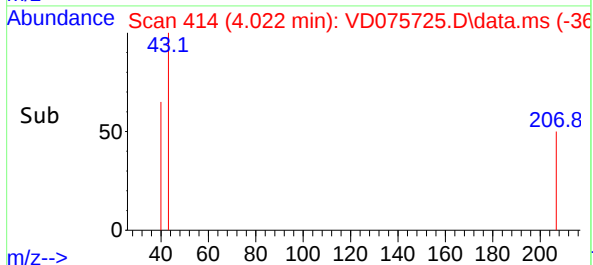
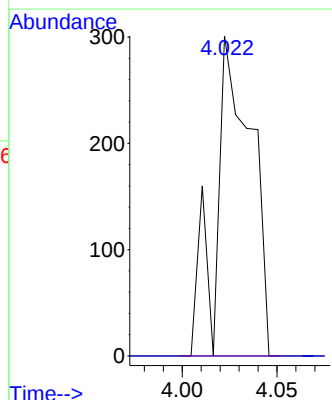
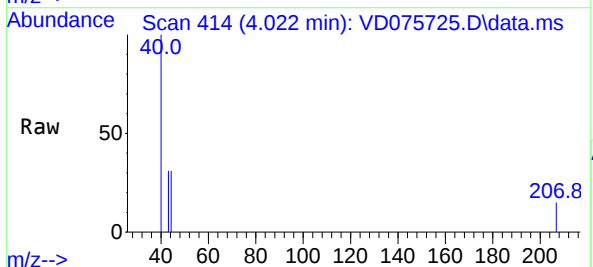
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

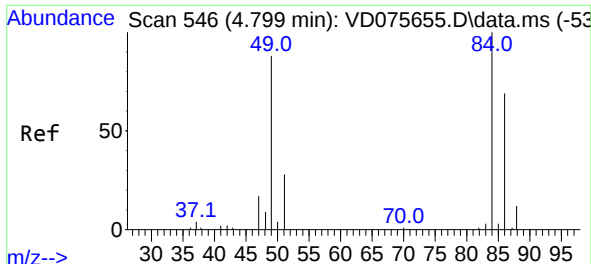
Tgt Ion:168 Resp: 126737
Ion Ratio Lower Upper
168 100
99 50.2 43.8 65.6



#16
Acetone
Concen: 1.783 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075725.D
Acq: 18 Apr 2023 14:22

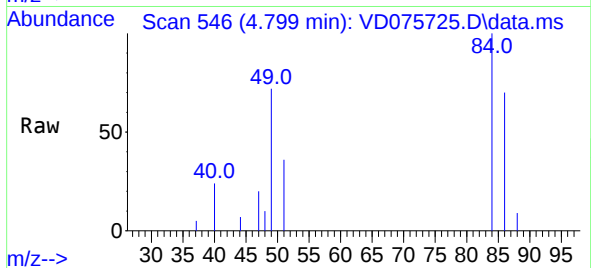
Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





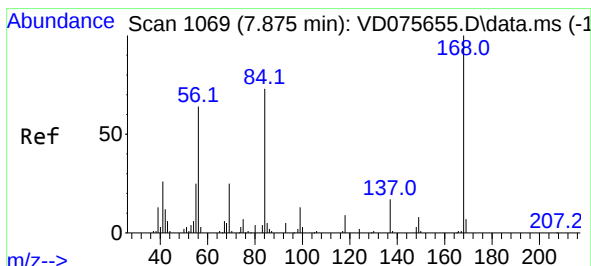
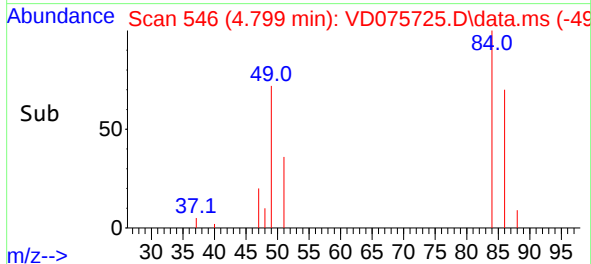
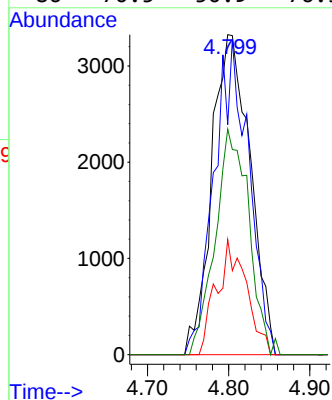
#20
Methylene Chloride
Concen: 1.947 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075725.D
Acq: 18 Apr 2023 14:22

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

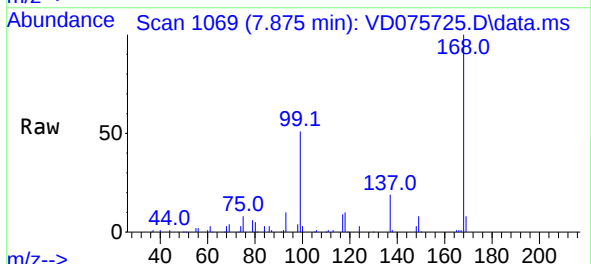


Tgt Ion: 84 Resp: 10877

Ion	Ratio	Lower	Upper
84	100		
49	71.9	106.4	159.6#
51	36.0	32.4	48.6
86	70.5	50.9	76.3

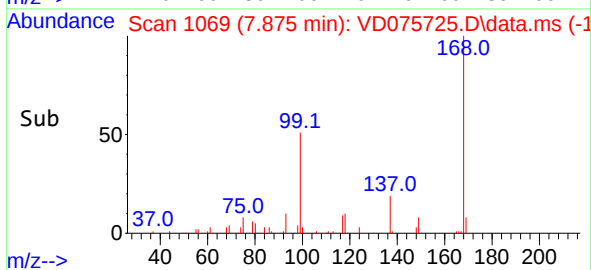
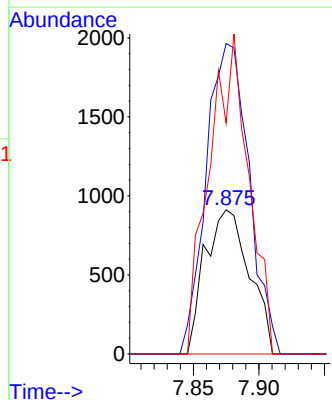


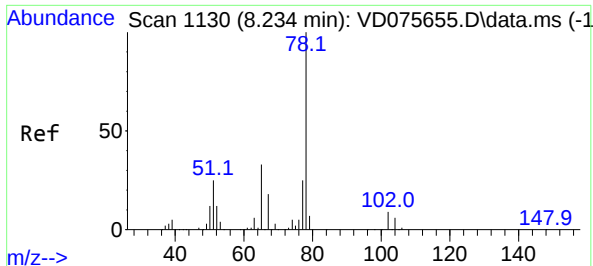
#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075725.D
Acq: 18 Apr 2023 14:22



Tgt Ion: 56 Resp: 2150

Ion	Ratio	Lower	Upper
56	100		
69	215.4	25.5	38.3#
84	160.2	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 101.249 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD075725.D

Acq: 18 Apr 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

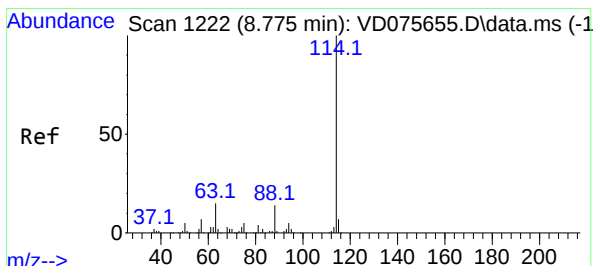
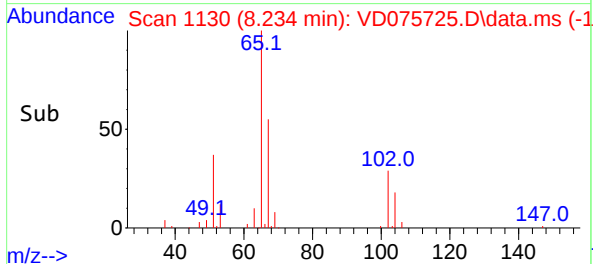
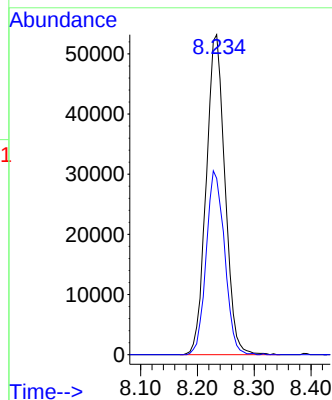
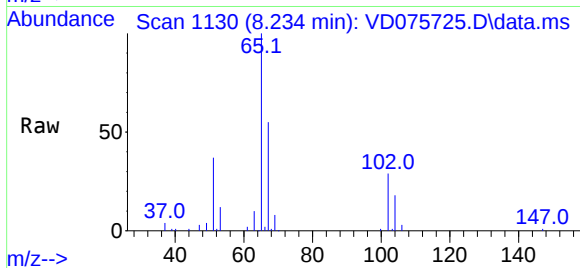
VIBLK

Tgt Ion: 65 Resp: 121800

Ion Ratio Lower Upper

65 100

67 56.1 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075725.D

Acq: 18 Apr 2023 14:22

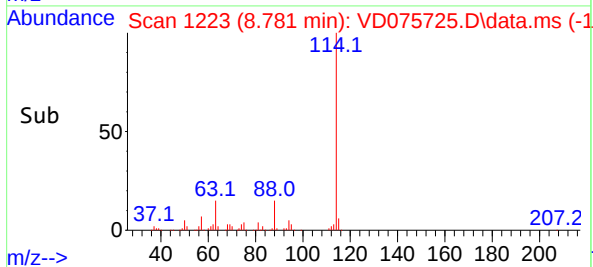
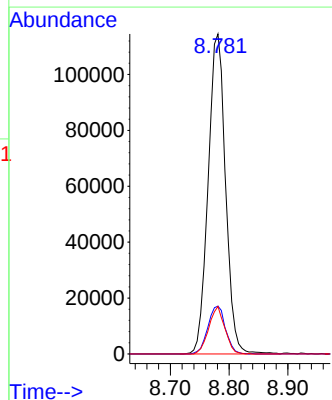
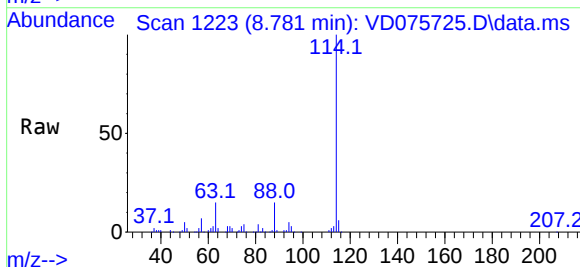
Tgt Ion: 114 Resp: 235488

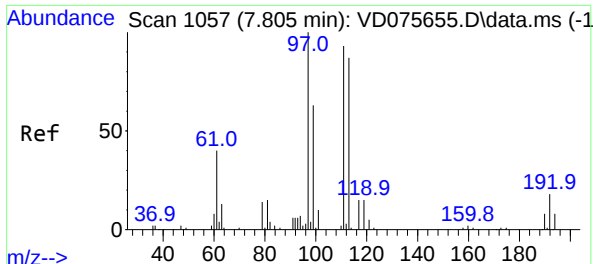
Ion Ratio Lower Upper

114 100

63 15.0 0.0 41.6

88 14.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 94.819 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075725.D

Acq: 18 Apr 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

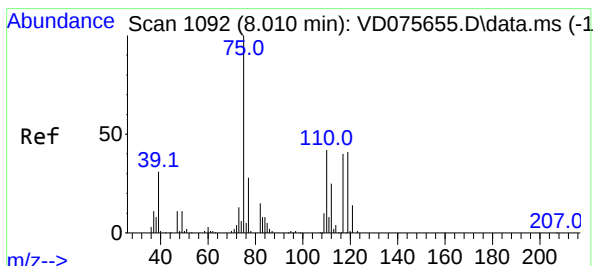
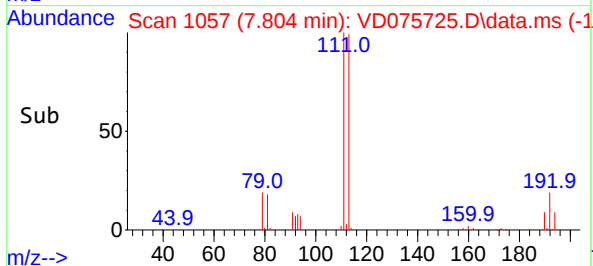
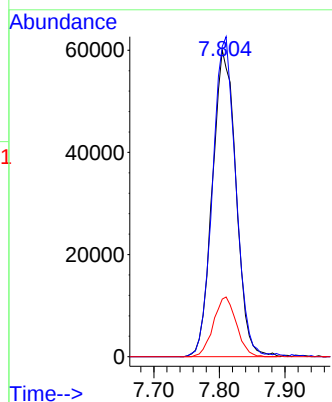
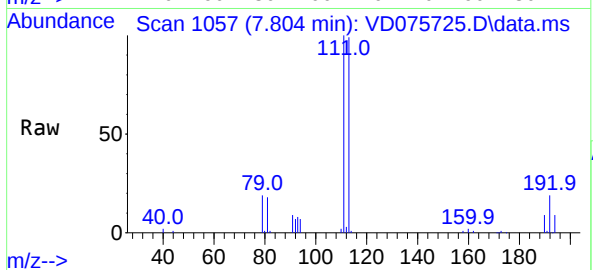
Tgt Ion:113 Resp: 150183

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.360 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD075725.D

Acq: 18 Apr 2023 14:22

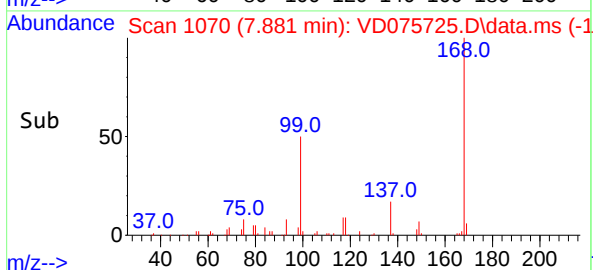
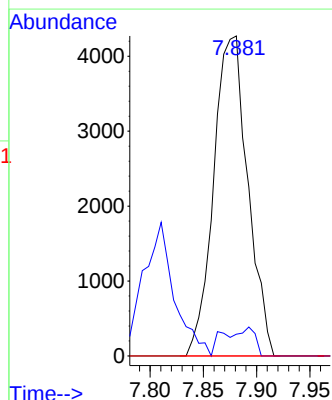
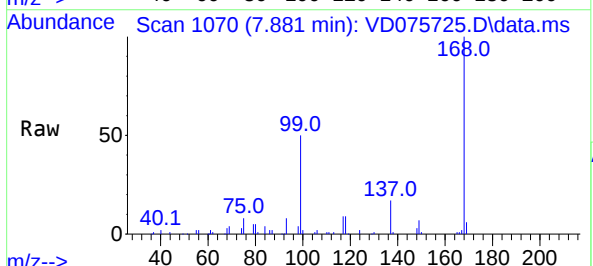
Tgt Ion: 75 Resp: 9527

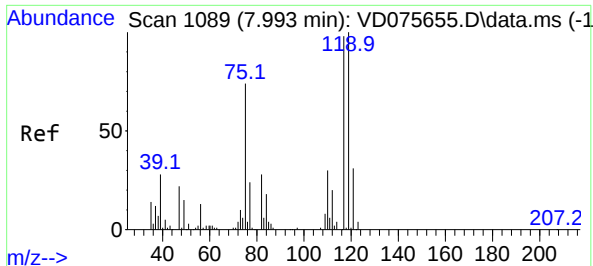
Ion Ratio Lower Upper

75 100

110 3.7 17.1 51.2#

77 0.0 24.6 36.8#

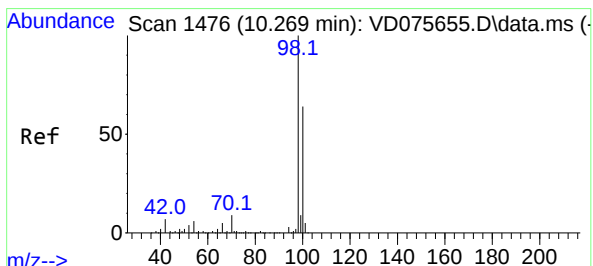
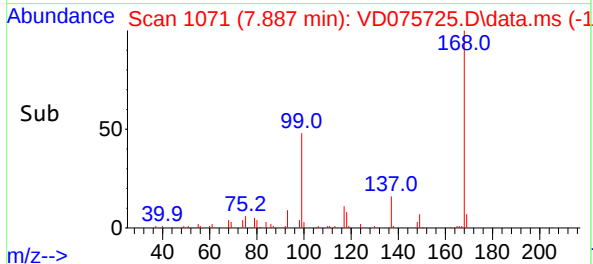
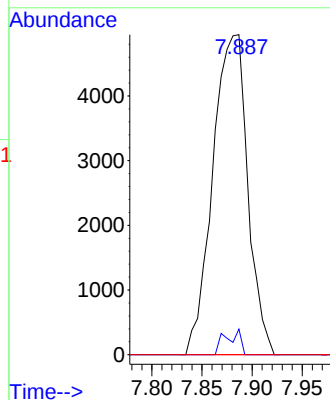
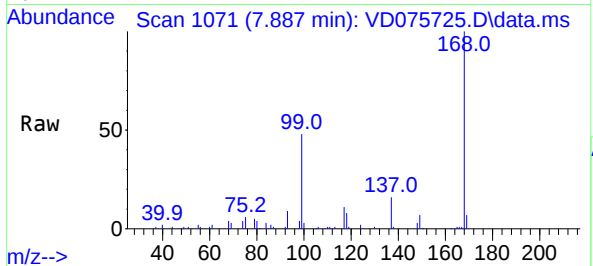




#38
Carbon Tetrachloride
Concen: 6.234 ug/l
RT: 7.887 min Scan# 11995
Delta R.T. -0.106 min
Lab File: VD075725.D
Acq: 18 Apr 2023 14:22

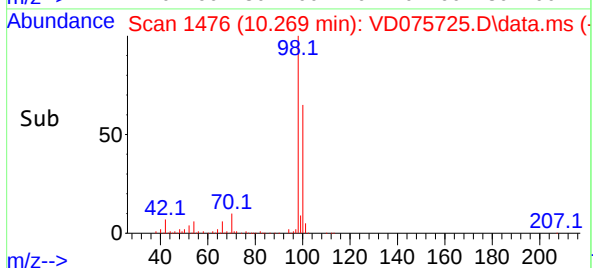
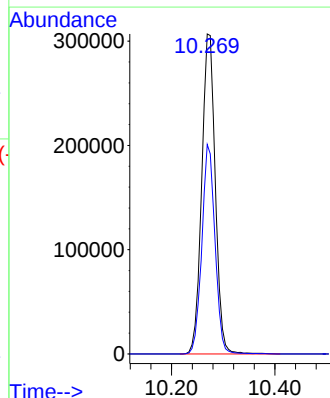
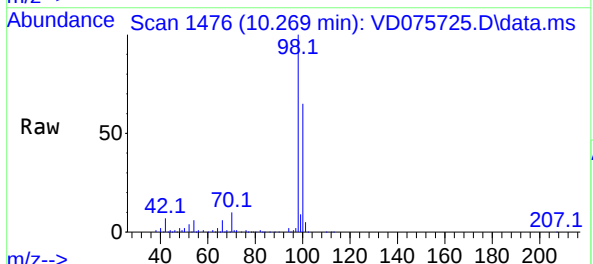
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

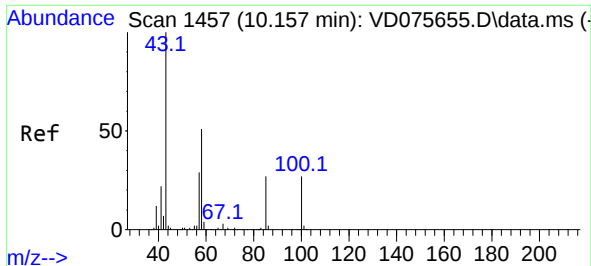
Tgt Ion:117 Resp: 11995
Ion Ratio Lower Upper
117 100
119 8.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 88.056 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075725.D
Acq: 18 Apr 2023 14:22

Tgt Ion: 98 Resp: 558524
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 2.100 ug/l

RT: 10.275 min Scan# 1457

Delta R.T. 0.118 min

Lab File: VD075725.D

Acq: 18 Apr 2023 14:22

Instrument :

MSVOA_D

ClientSampleId :

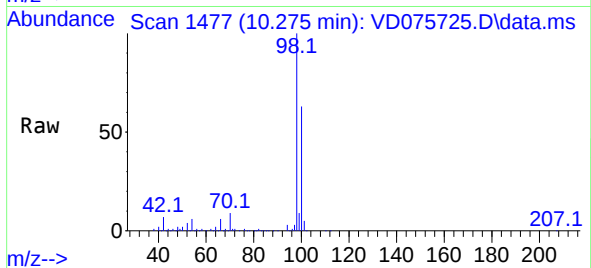
VIBLK

Tgt Ion: 43 Resp: 1358

Ion Ratio Lower Upper

43 100

58 262.6 29.5 44.3#



Abundance

2000

1500

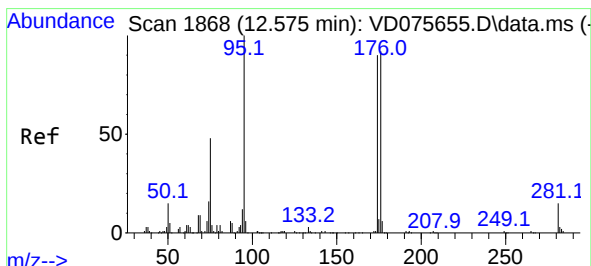
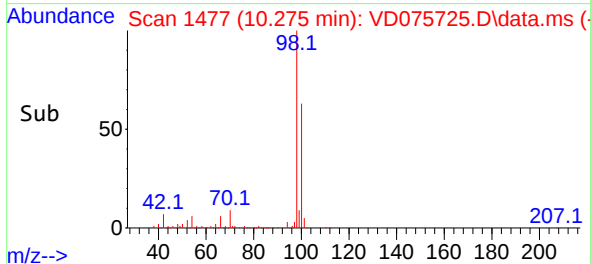
1000

500

0

10.275

Time-->



#62

4-Bromofluorobenzene

Concen: 85.899 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075725.D

Acq: 18 Apr 2023 14:22

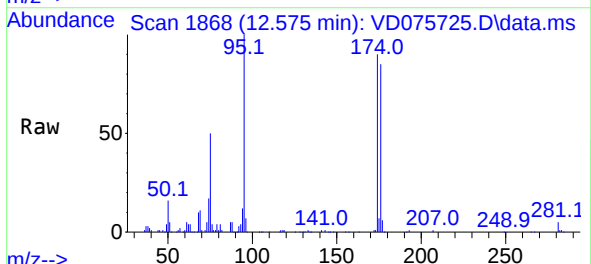
Tgt Ion: 95 Resp: 144817

Ion Ratio Lower Upper

95 100

174 88.0 0.0 164.0

176 84.4 0.0 156.8



Abundance

80000

60000

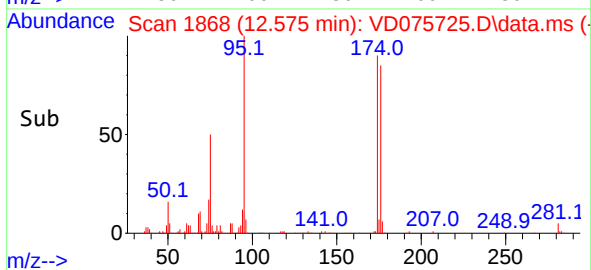
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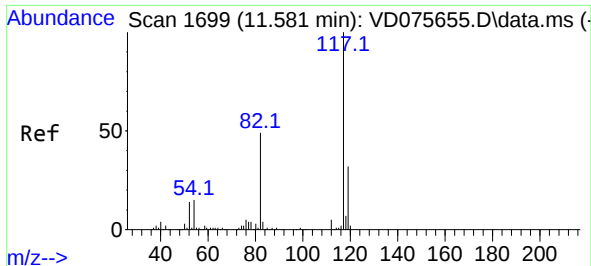
20000

0

12.575

Time-->

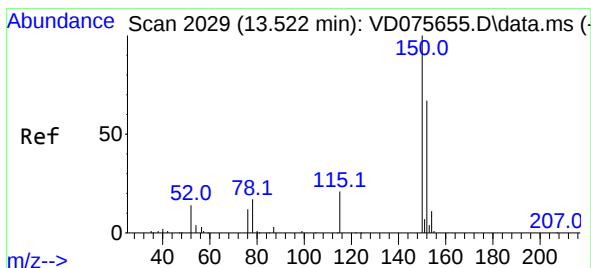
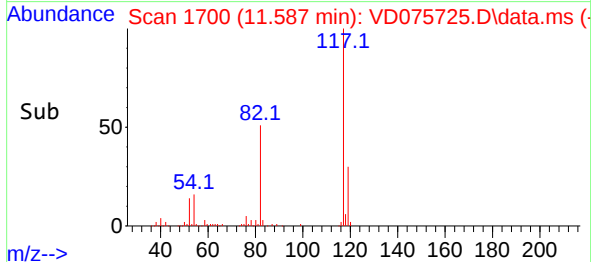
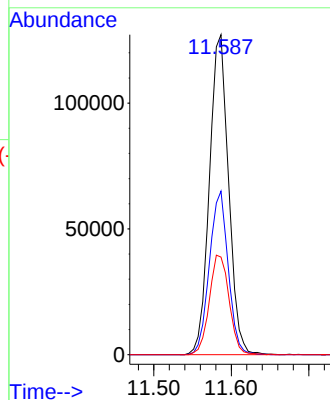
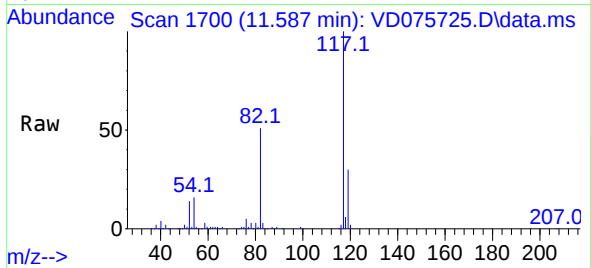




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD075725.D
Acq: 18 Apr 2023 14:22

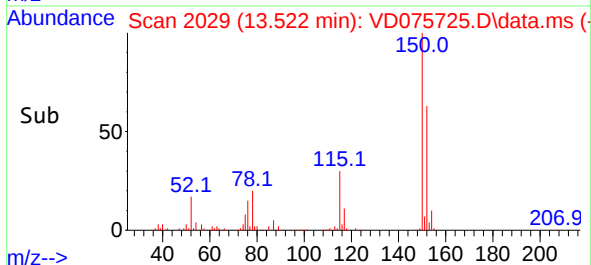
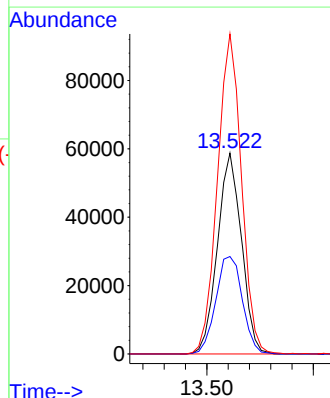
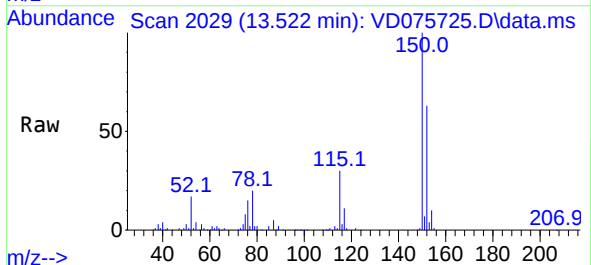
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

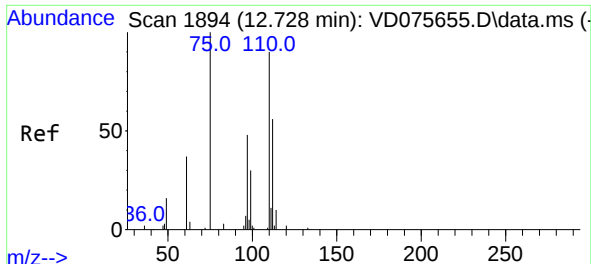
Tgt Ion:117 Resp: 218165
Ion Ratio Lower Upper
117 100
82 51.1 44.0 66.0
119 30.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075725.D
Acq: 18 Apr 2023 14:22

Tgt Ion:152 Resp: 91858
Ion Ratio Lower Upper
152 100
115 53.7 30.1 90.3
150 159.3 0.0 364.8

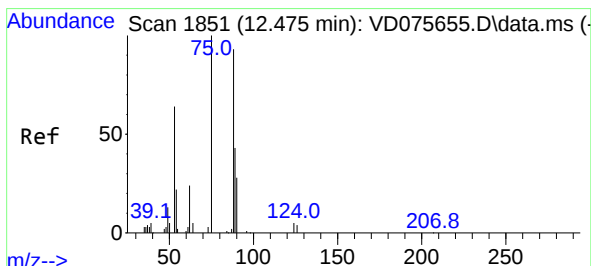
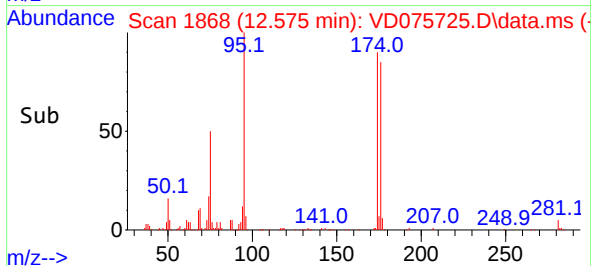
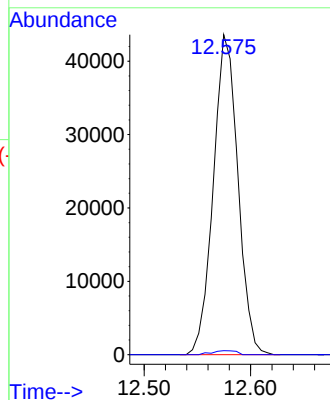
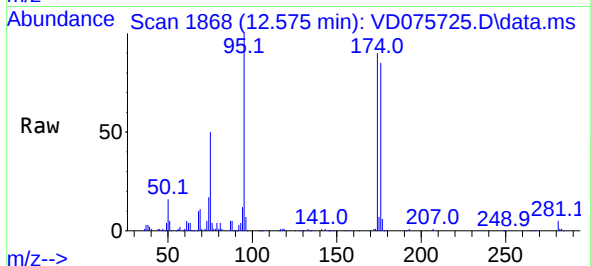




#76
1,2,3-Trichloropropane
Concen: 93.201 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075725.D
Acq: 18 Apr 2023 14:22

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 69816
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 202.003 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075725.D
Acq: 18 Apr 2023 14:22

Tgt Ion: 75 Resp: 69816
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.2 40.2 60.4#

