

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075717.D
 Acq On : 18 Apr 2023 10:31
 Operator : KP/SY
 Sample : VD0418SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0418SBL01

Quant Time: Apr 19 01:20:59 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)

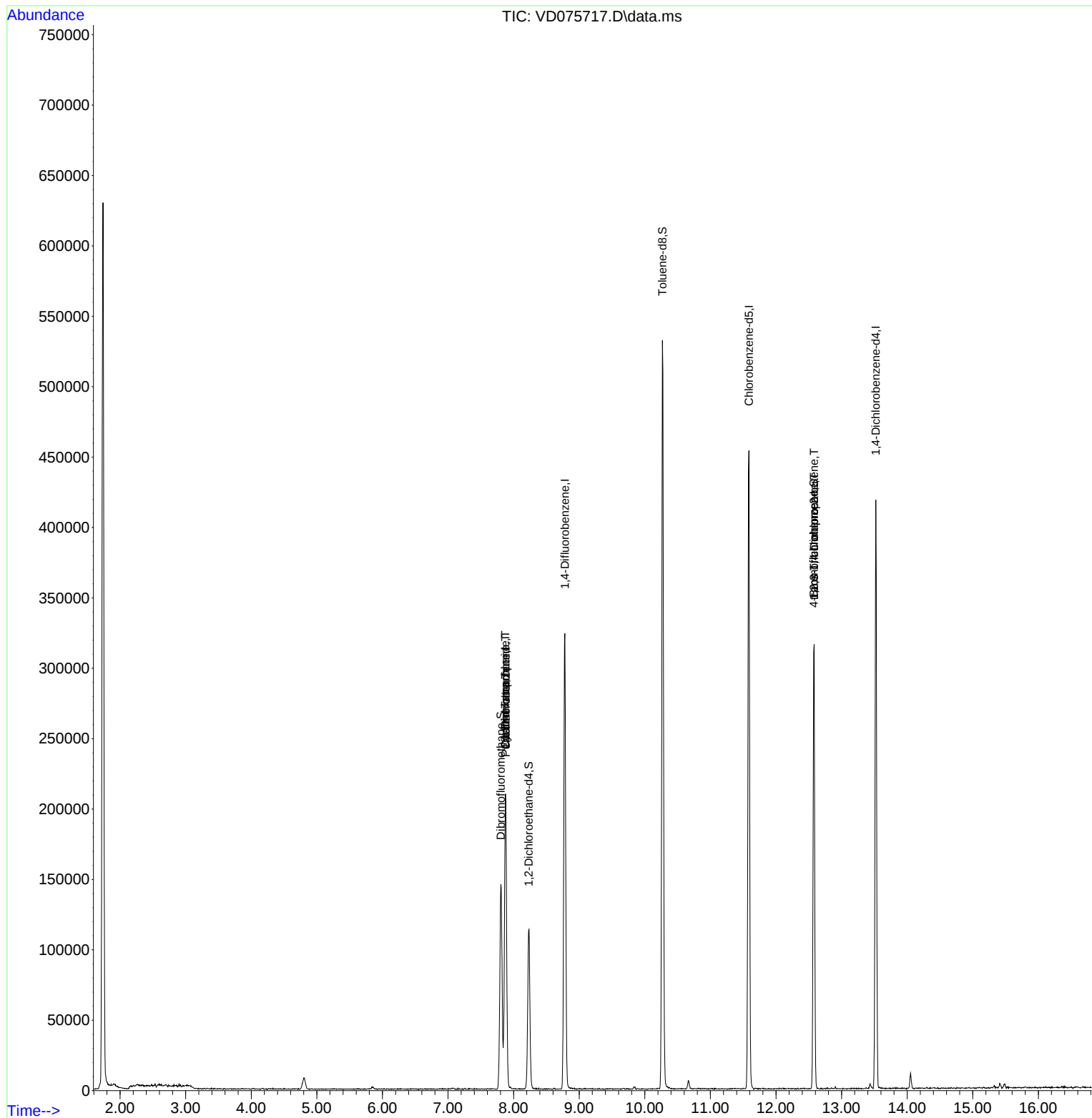
Internal Standards						
1) Pentafluorobenzene	7.881	168	173290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	321677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	289233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	119279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87920	53.451	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.900%	
35) Dibromofluoromethane	7.805	113	108684	50.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.460%	
50) Toluene-d8	10.269	98	399372	46.094	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.180%	
62) 4-Bromofluorobenzene	12.575	95	97339	42.267	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.540%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.811	84	7481	Below Cal	#	69
31) Cyclohexane	7.875	56	3015	1.168	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12844	4.303	ug/l #	49
38) Carbon Tetrachloride	7.875	117	16510	6.281	ug/l #	18
76) 1,2,3-Trichloropropane	12.581	75	49471	50.859	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.581	75	49471	110.232	ug/l #	5

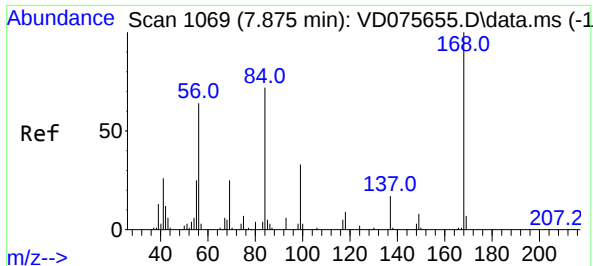
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

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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

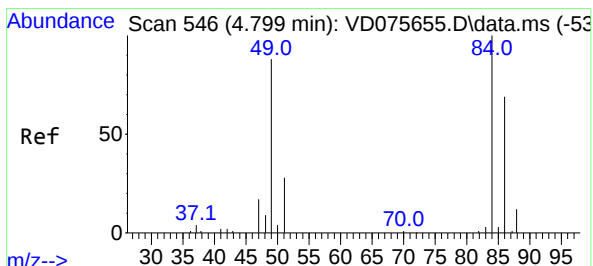
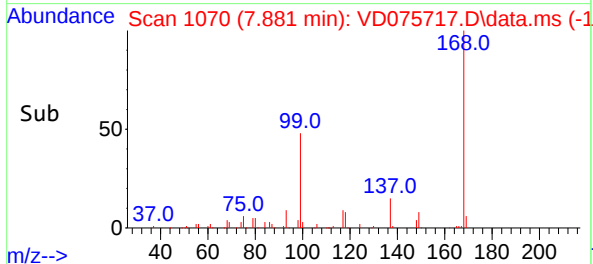
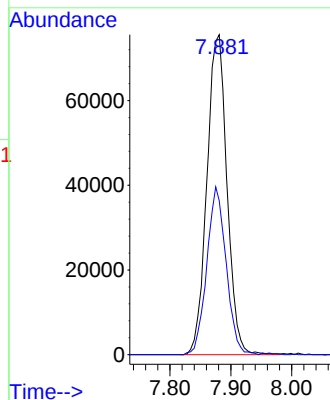
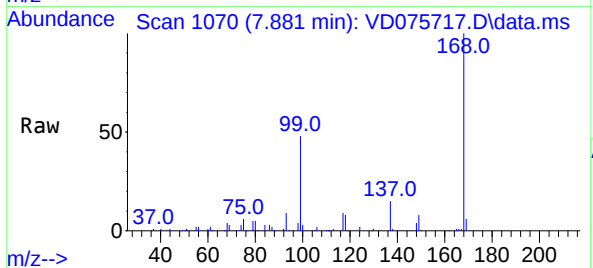




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075717.D
Acq: 18 Apr 2023 10:31

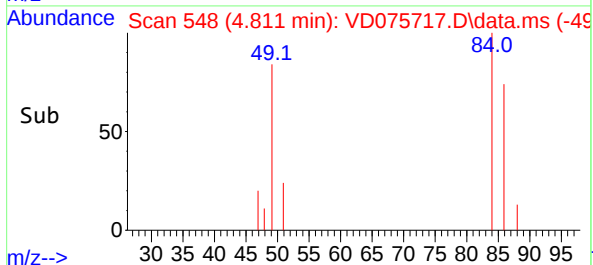
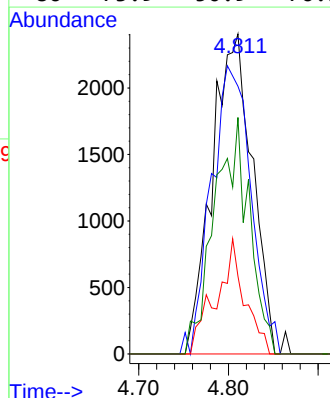
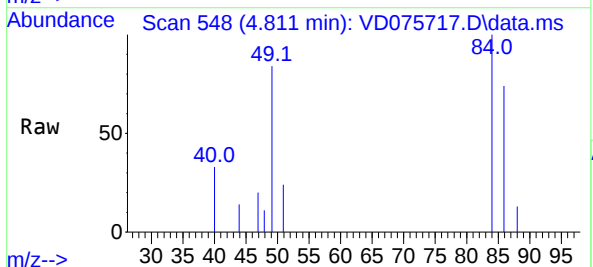
Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

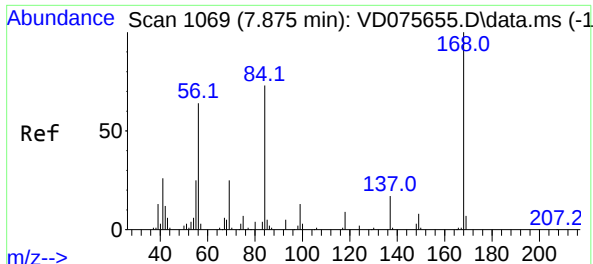
Tgt Ion:168 Resp: 173290
Ion Ratio Lower Upper
168 100
99 48.1 43.8 65.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.811 min Scan# 548
Delta R.T. 0.012 min
Lab File: VD075717.D
Acq: 18 Apr 2023 10:31

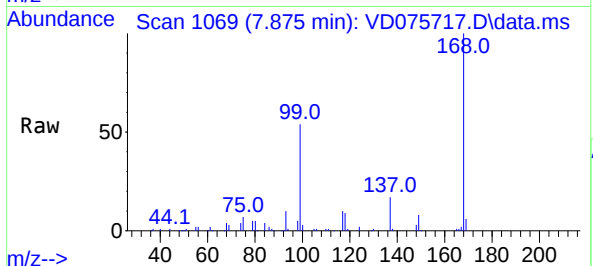
Tgt Ion: 84 Resp: 7481
Ion Ratio Lower Upper
84 100
49 83.7 106.4 159.6#
51 24.3 32.4 48.6#
86 73.9 50.9 76.3



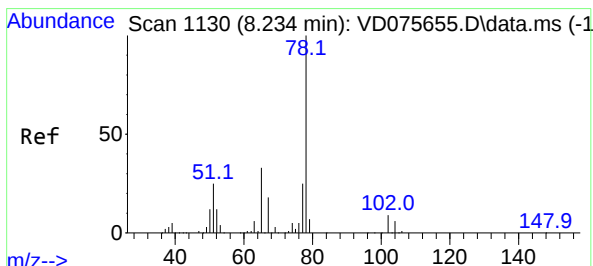
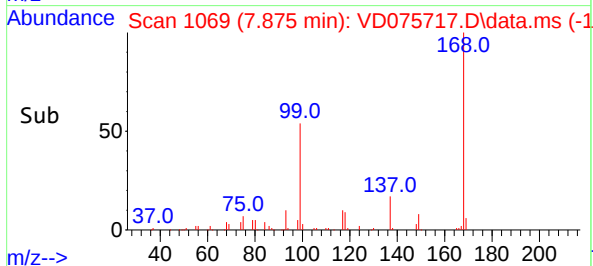
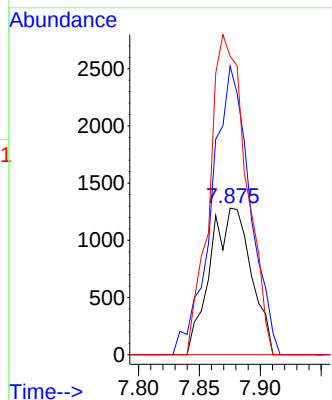


#31
Cyclohexane
Concen: 1.168 ug/l
RT: 7.875 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075717.D
Acq: 18 Apr 2023 10:31

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

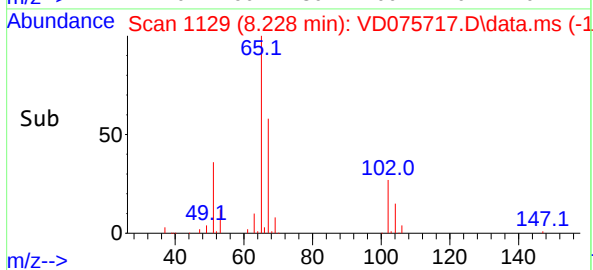
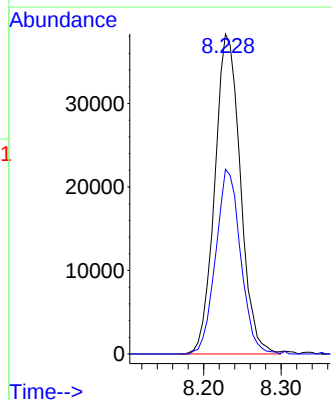
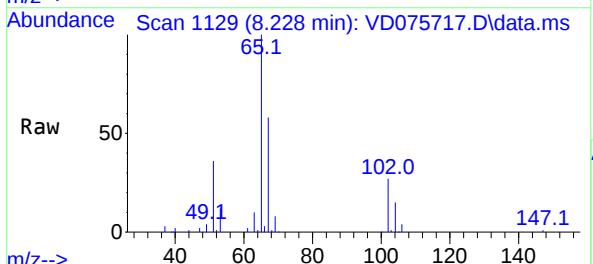


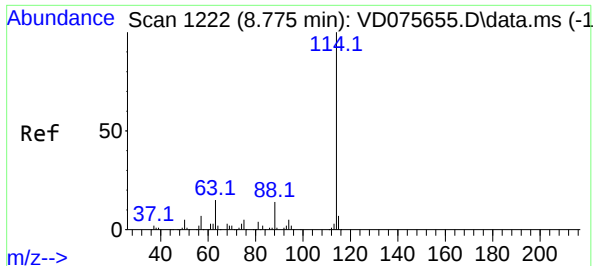
Tgt Ion: 56 Resp: 3015
Ion Ratio Lower Upper
56 100
69 196.9 25.5 38.3#
84 203.7 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 53.451 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075717.D
Acq: 18 Apr 2023 10:31

Tgt Ion: 65 Resp: 87920
Ion Ratio Lower Upper
65 100
67 56.2 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075717.D

Acq: 18 Apr 2023 10:31

Instrument :

MSVOA_D

ClientSampleId :

VD0418SBL01

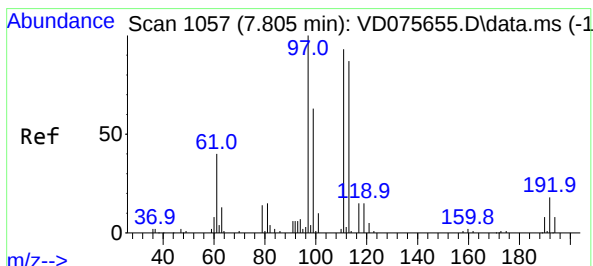
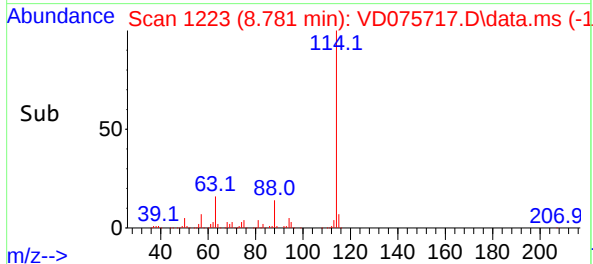
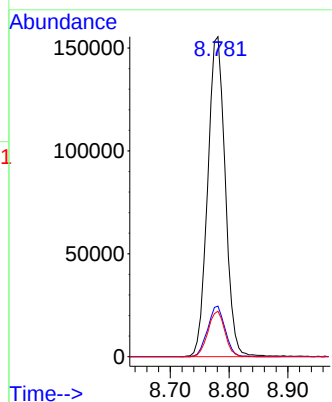
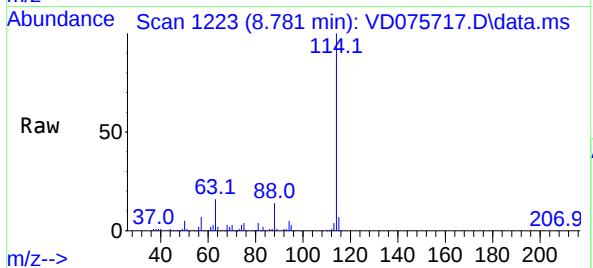
Tgt Ion:114 Resp: 321677

Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 14.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.233 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075717.D

Acq: 18 Apr 2023 10:31

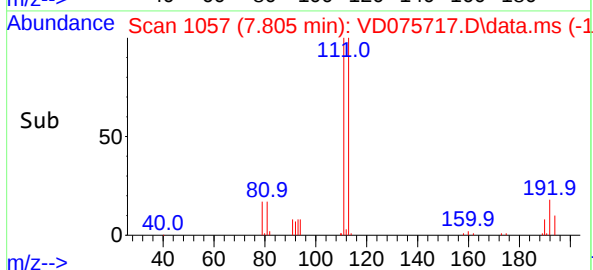
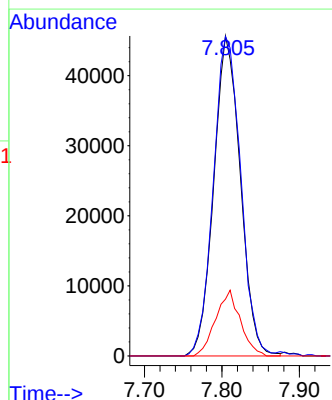
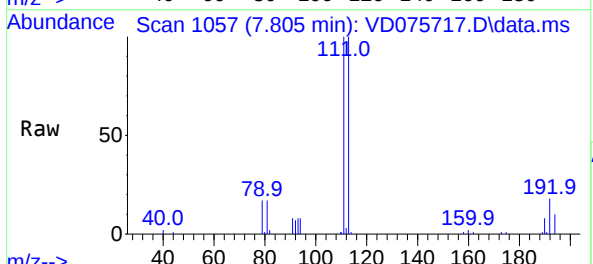
Tgt Ion:113 Resp: 108684

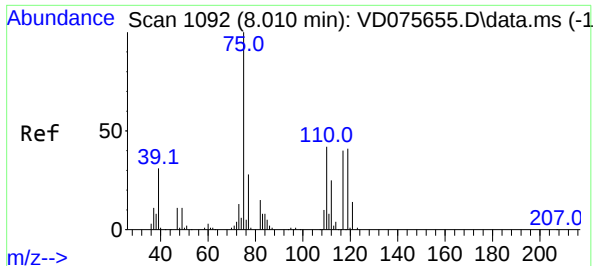
Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 19.1 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.303 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075717.D

Acq: 18 Apr 2023 10:31

Instrument :

MSVOA_D

ClientSampleId :

VD0418SBL01

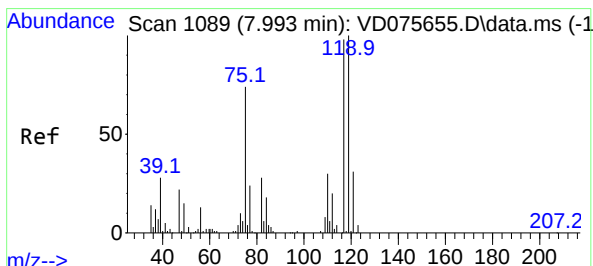
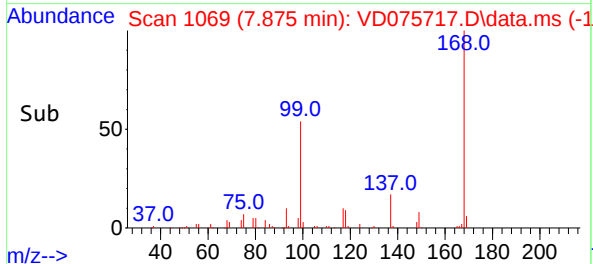
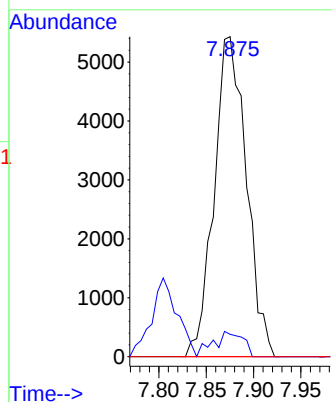
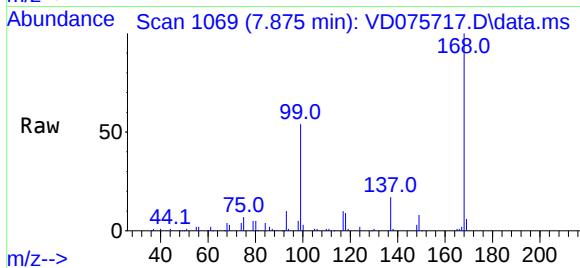
Tgt Ion: 75 Resp: 12844

Ion Ratio Lower Upper

75 100

110 7.1 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.281 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075717.D

Acq: 18 Apr 2023 10:31

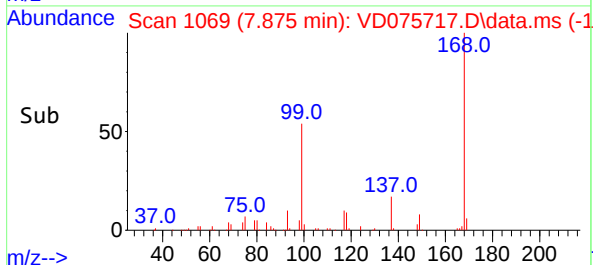
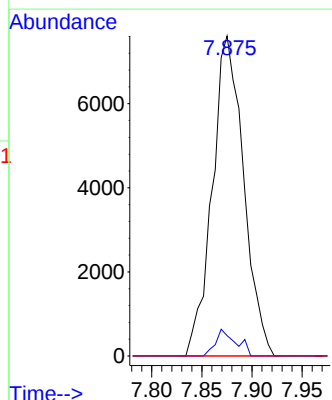
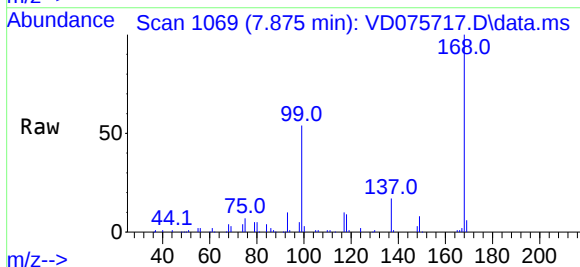
Tgt Ion: 117 Resp: 16510

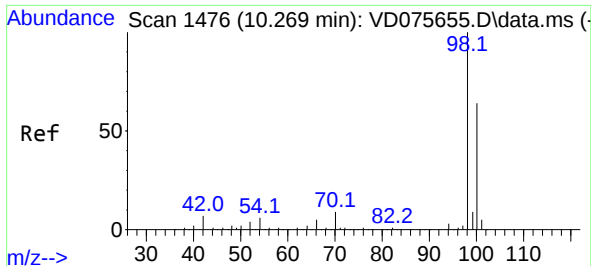
Ion Ratio Lower Upper

117 100

119 6.4 74.7 112.1#

121 0.0 25.9 38.9#

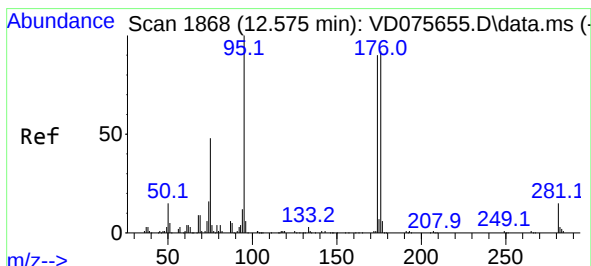
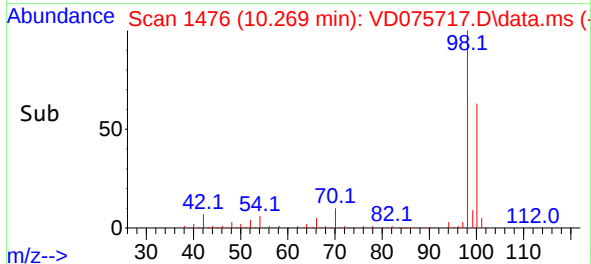
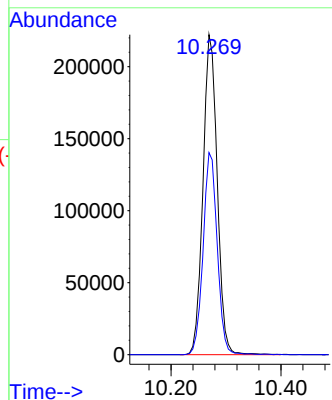
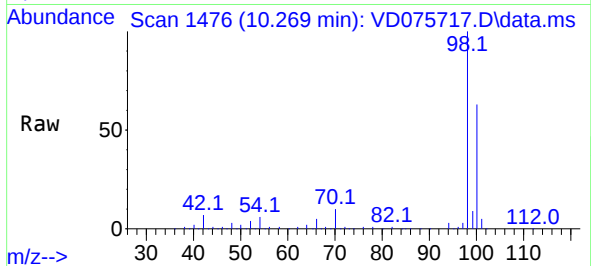




#50
Toluene-d8
Concen: 46.094 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075717.D
Acq: 18 Apr 2023 10:31

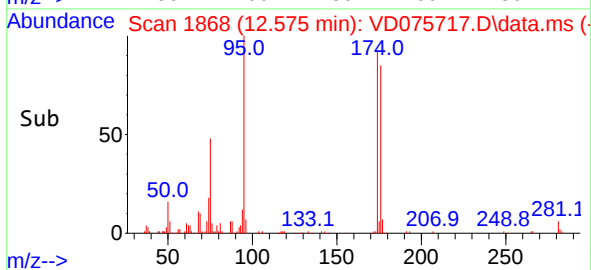
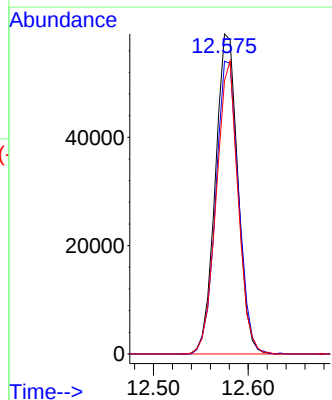
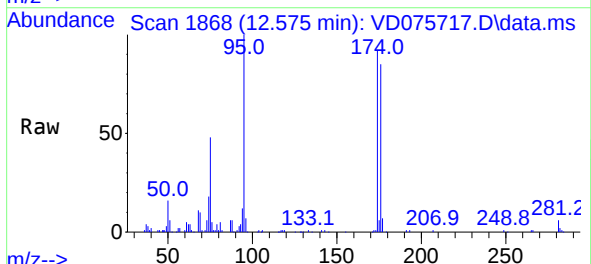
Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

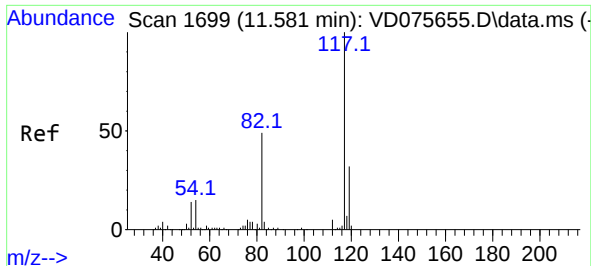
Tgt Ion: 98 Resp: 399372
Ion Ratio Lower Upper
98 100
100 62.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 42.267 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075717.D
Acq: 18 Apr 2023 10:31

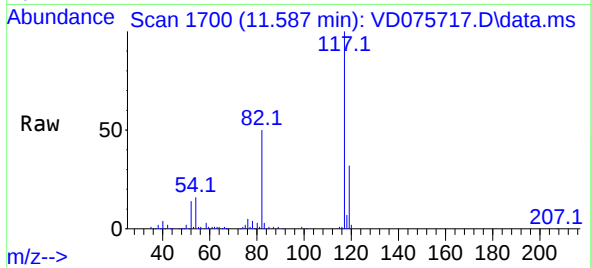
Tgt Ion: 95 Resp: 97339
Ion Ratio Lower Upper
95 100
174 92.9 0.0 164.0
176 88.7 0.0 156.8





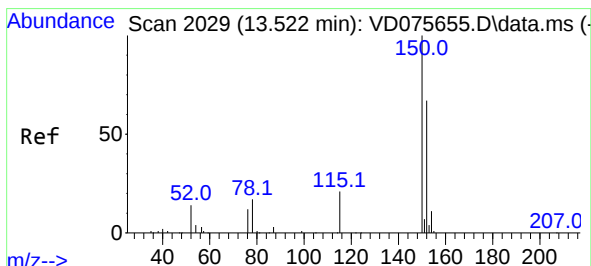
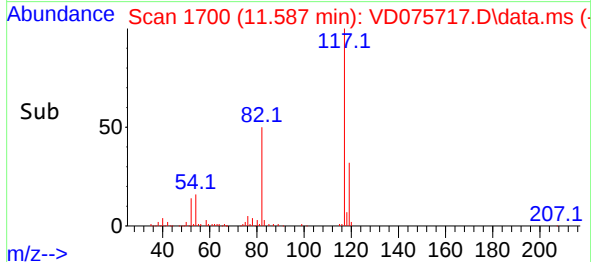
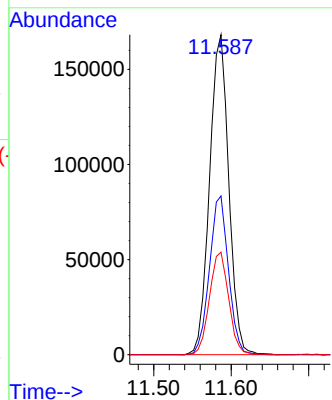
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075717.D
Acq: 18 Apr 2023 10:31

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01



Tgt Ion:117 Resp: 289233

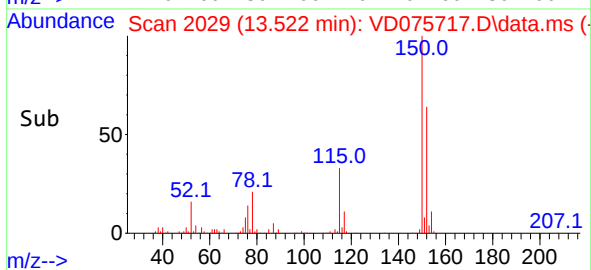
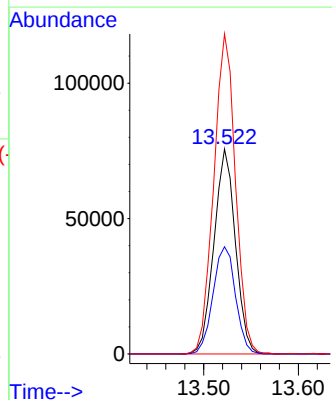
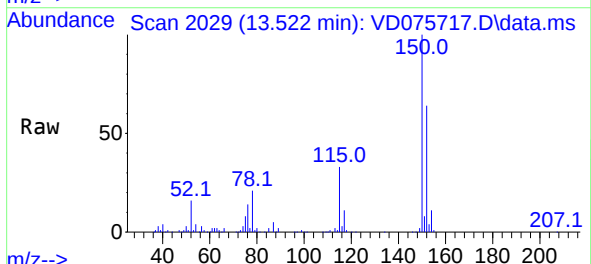
Ion	Ratio	Lower	Upper
117	100		
82	49.6	44.0	66.0
119	32.0	25.1	37.7

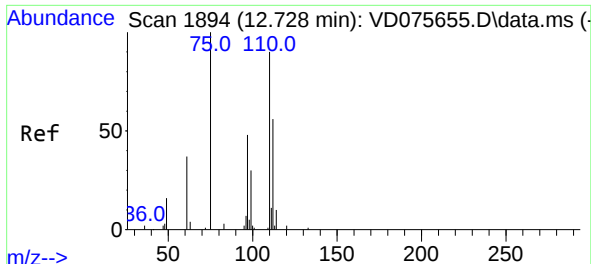


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075717.D
Acq: 18 Apr 2023 10:31

Tgt Ion:152 Resp: 119279

Ion	Ratio	Lower	Upper
152	100		
115	54.8	30.1	90.3
150	157.9	0.0	364.8

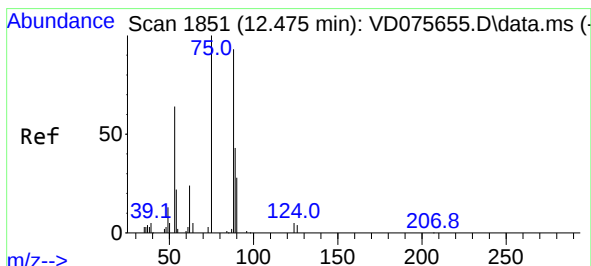
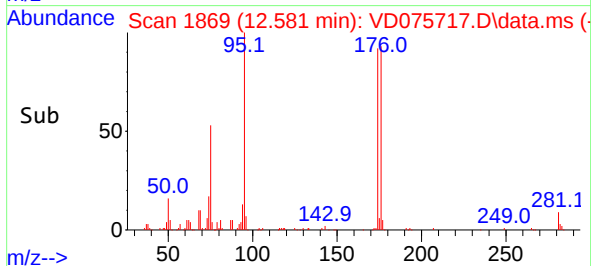
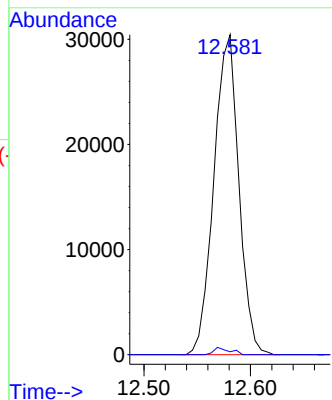
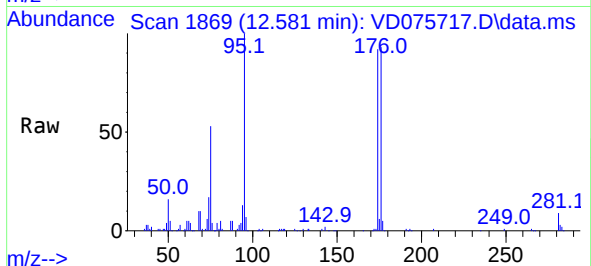




#76
1,2,3-Trichloropropane
Concen: 50.859 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD075717.D
Acq: 18 Apr 2023 10:31

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

Tgt Ion: 75 Resp: 49471
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.232 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.106 min
Lab File: VD075717.D
Acq: 18 Apr 2023 10:31

Tgt Ion: 75 Resp: 49471
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.2 40.2 60.4#

