

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075748.D
 Acq On : 19 Apr 2023 14:50
 Operator : KP/SY
 Sample : 02270-22
 Misc : 4.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 06:00:49 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)

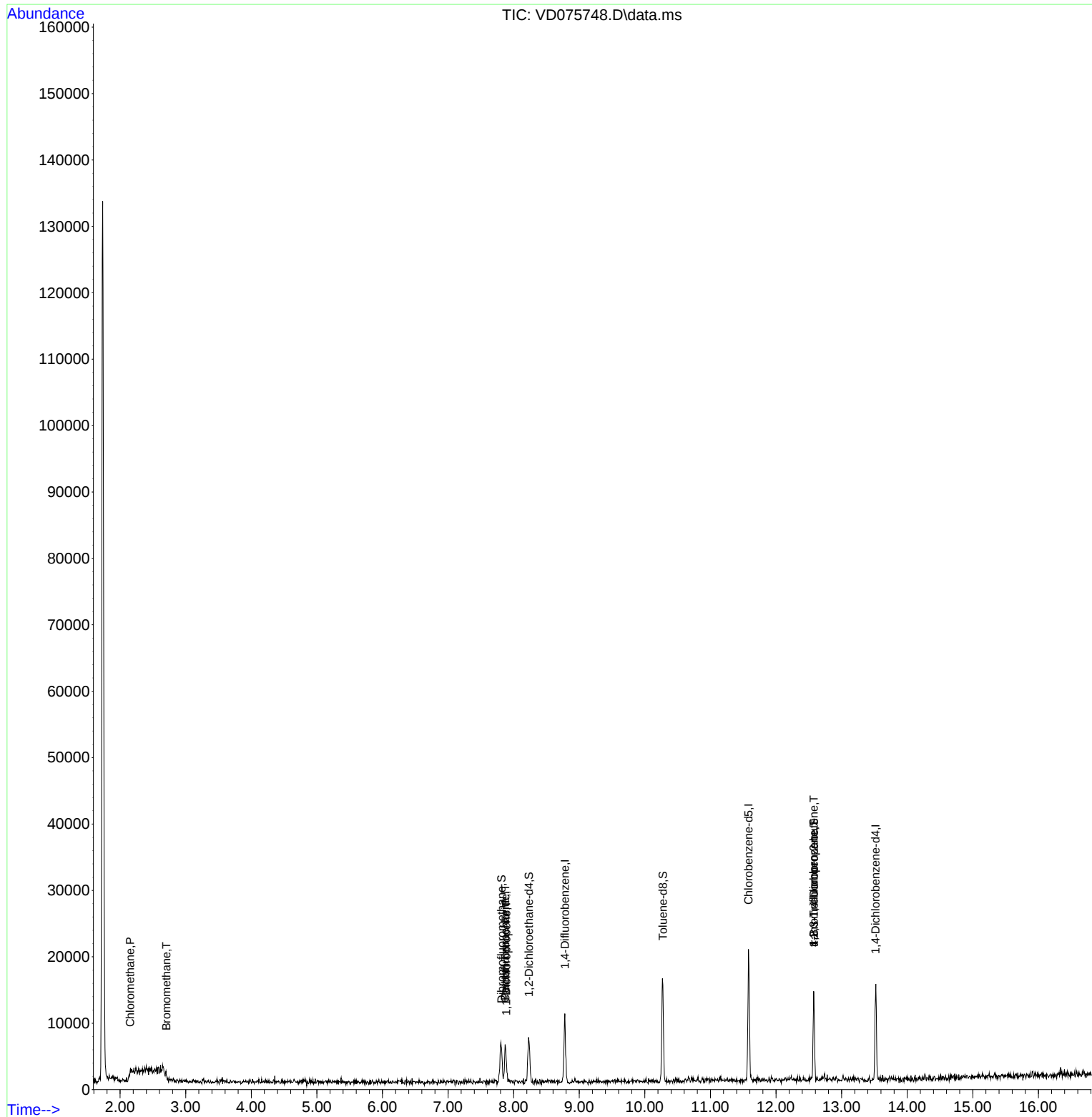
Internal Standards						
1) Pentafluorobenzene	7.869	168	5371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	10627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	13283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	5517	108.216	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 216.440%#	
35) Dibromofluoromethane	7.816	113	4450	62.258	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.520%	
50) Toluene-d8	10.275	98	12137	42.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.800%	
62) 4-Bromofluorobenzene	12.575	95	3943	51.827	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	156	1.731	ug/l #	40
5) Bromomethane	2.704	94	505	5.409	ug/l	86
20) Methylene Chloride	4.798	84	324	Below Cal	#	4
36) 1,1-Dichloropropene	7.887	75	291	2.951	ug/l #	42
38) Carbon Tetrachloride	7.875	117	391	4.503	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	2248	57.097	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	2248	123.751	ug/l #	5

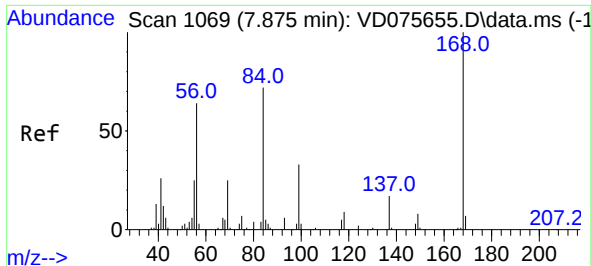
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 06:00:49 2023
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Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

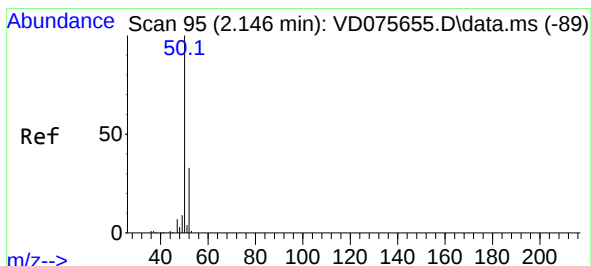
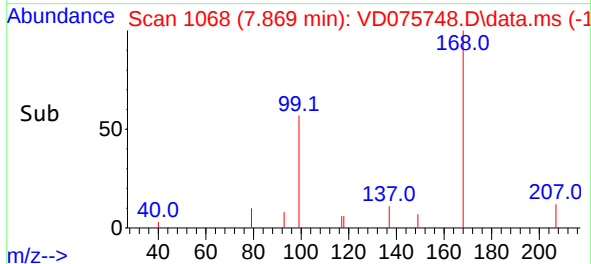
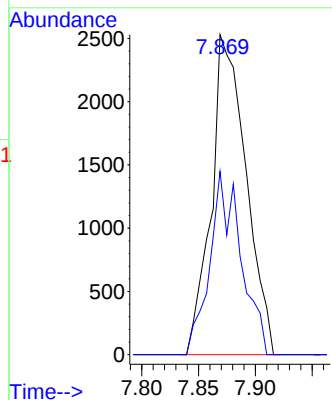
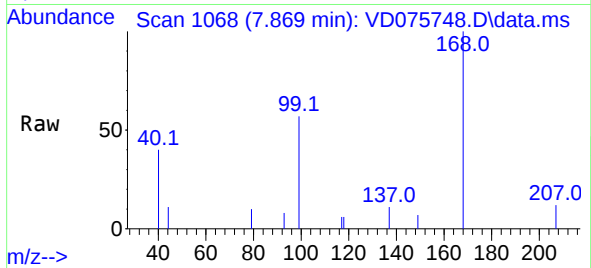




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

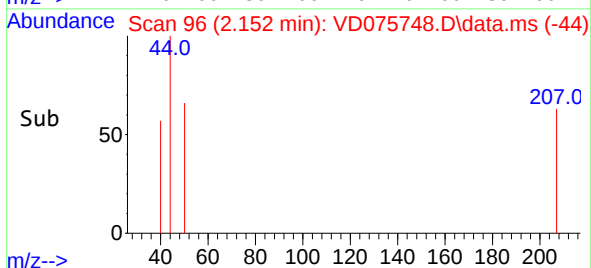
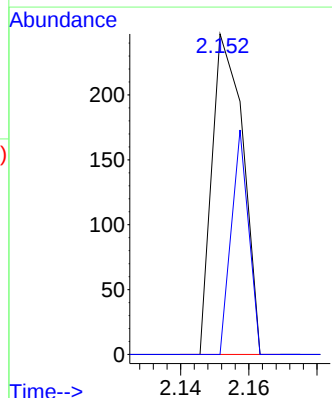
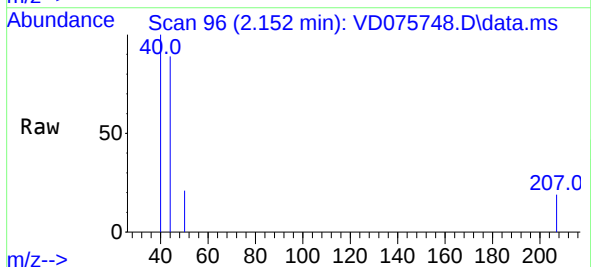
Instrument :
MSVOA_D
ClientSampleId :

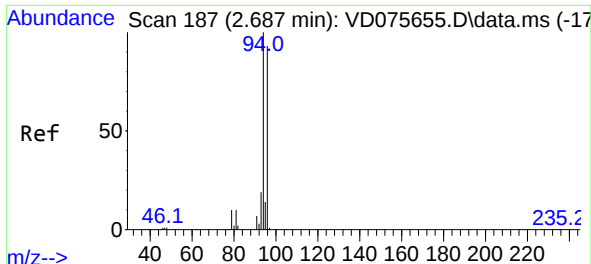
Tgt Ion:168 Resp: 5371
Ion Ratio Lower Upper
168 100
99 57.2 43.8 65.6



#3
Chloromethane
Concen: 1.731 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

Tgt Ion: 50 Resp: 156
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

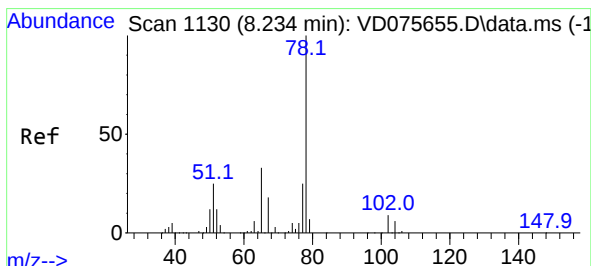
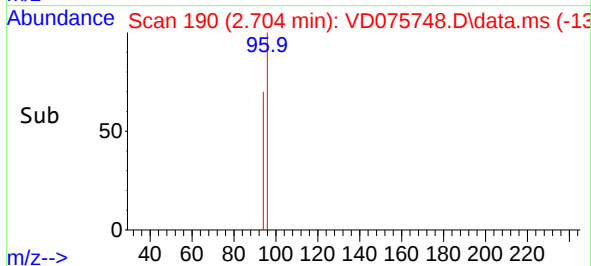
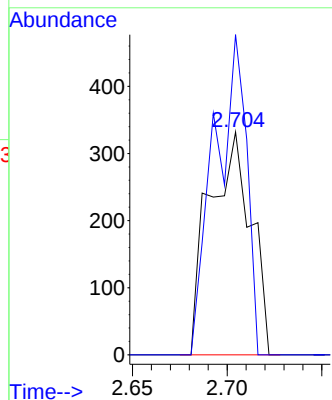
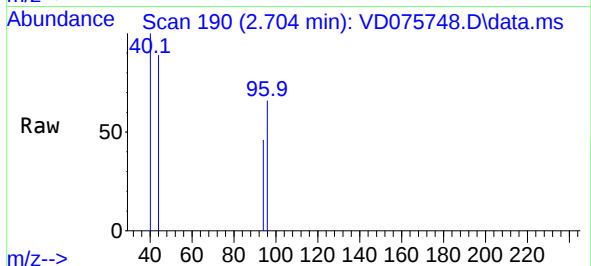




#5
Bromomethane
Concen: 5.409 ug/l
RT: 2.704 min Scan# 119
Delta R.T. 0.017 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

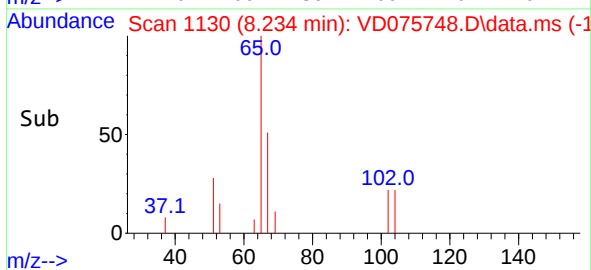
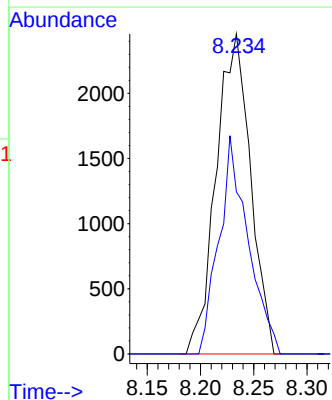
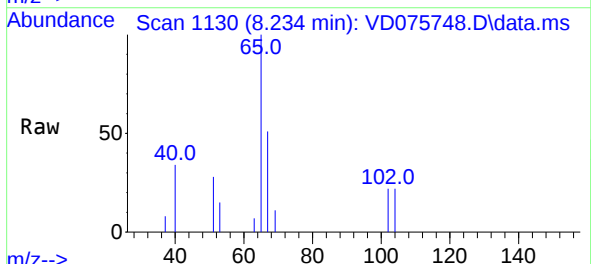
Instrument :
MSVOA_D
ClientSampleId :

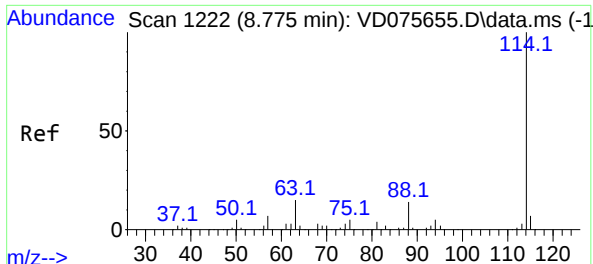
Tgt Ion: 94 Resp: 505
Ion Ratio Lower Upper
94 100
96 110.3 77.5 116.3



#33
1,2-Dichloroethane-d4
Concen: 108.216 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

Tgt Ion: 65 Resp: 5517
Ion Ratio Lower Upper
65 100
67 57.5 0.0 102.2



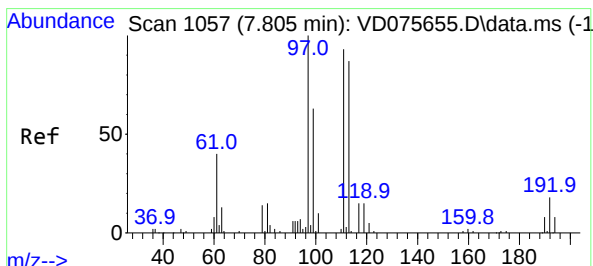
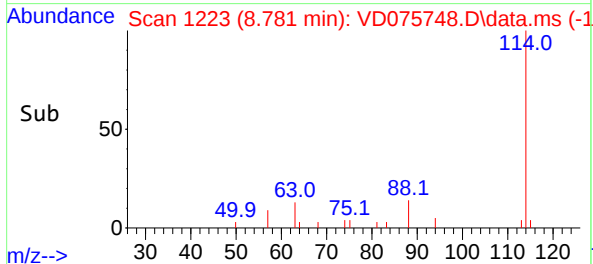
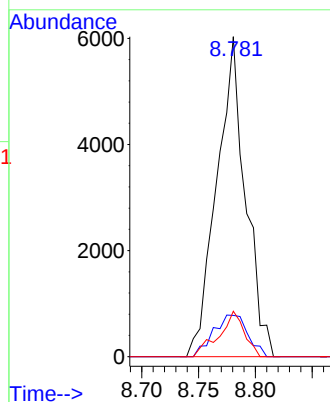
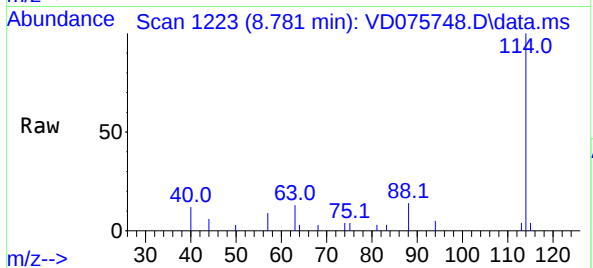


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 10627

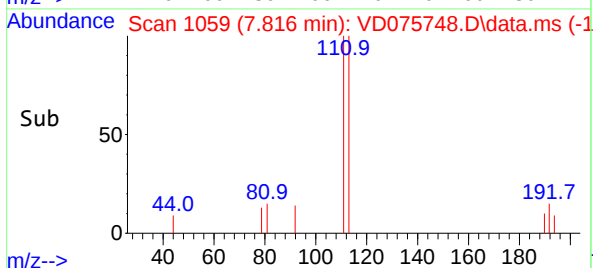
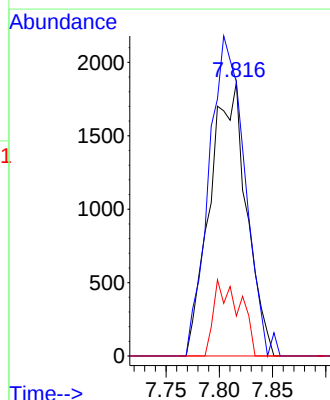
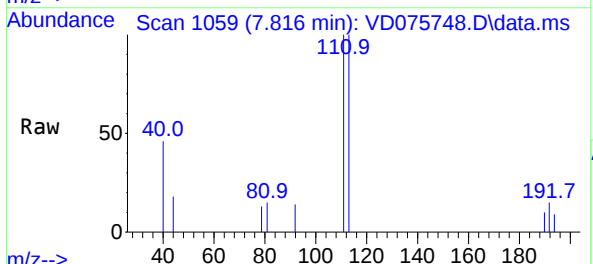
Ion	Ratio	Lower	Upper
114	100		
63	12.9	0.0	41.6
88	14.2	0.0	30.6

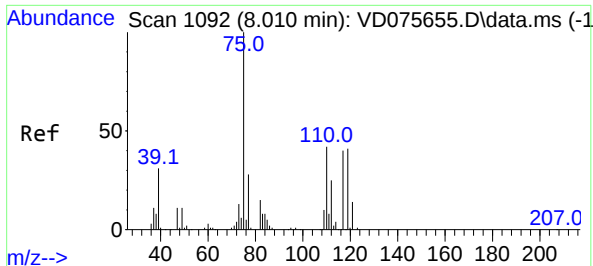


#35
Dibromofluoromethane
Concen: 62.258 ug/l
RT: 7.816 min Scan# 1059
Delta R.T. 0.011 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

Tgt Ion:113 Resp: 4450

Ion	Ratio	Lower	Upper
113	100		
111	114.6	81.4	122.0
192	19.8	15.2	22.8





#36

1,1-Dichloropropene

Concen: 2.951 ug/l

RT: 7.887 min Scan# 1071

Delta R.T. -0.123 min

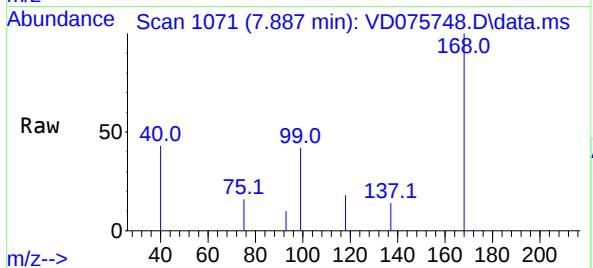
Lab File: VD075748.D

Acq: 19 Apr 2023 14:50

Instrument :

MSVOA_D

ClientSampleId :



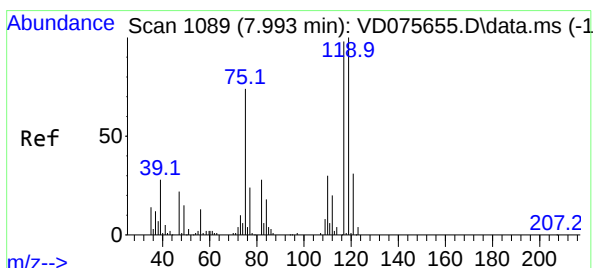
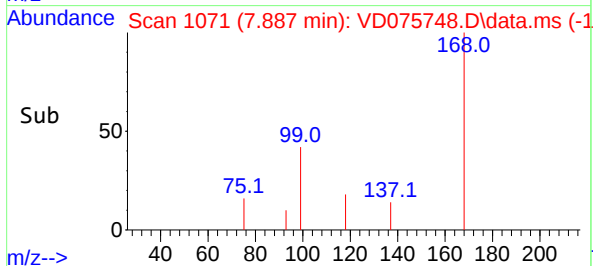
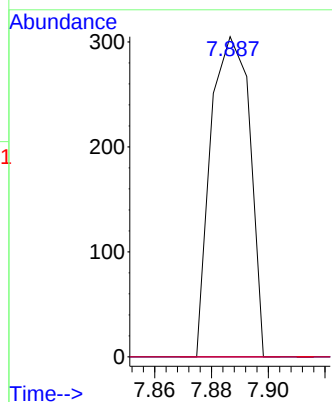
Tgt Ion: 75 Resp: 291

Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.503 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075748.D

Acq: 19 Apr 2023 14:50

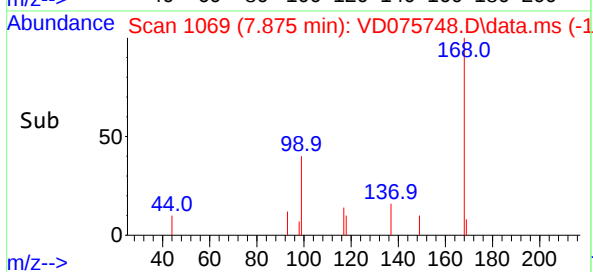
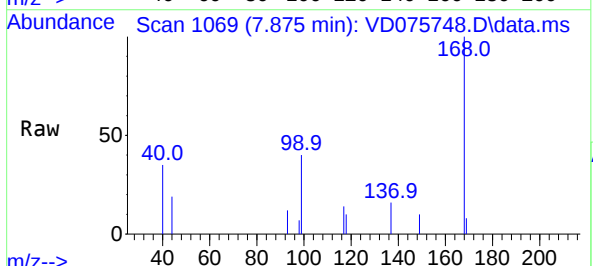
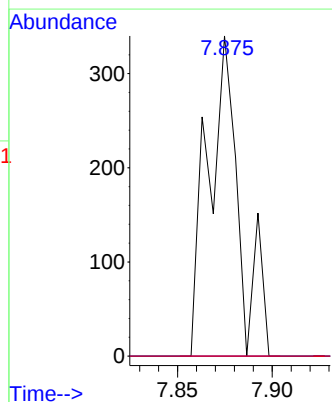
Tgt Ion: 117 Resp: 391

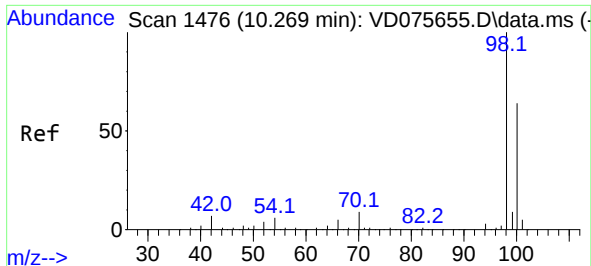
Ion Ratio Lower Upper

117 100

119 0.0 74.7 112.1#

121 0.0 25.9 38.9#

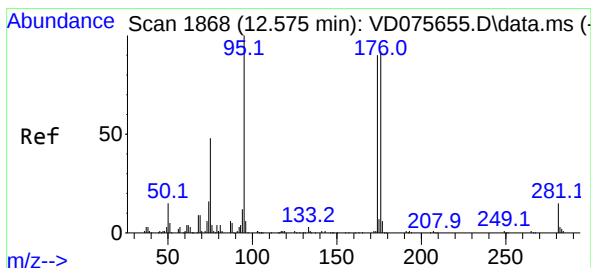
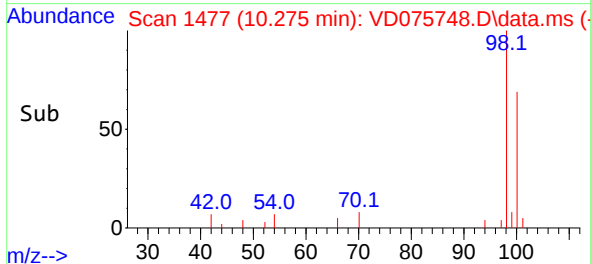
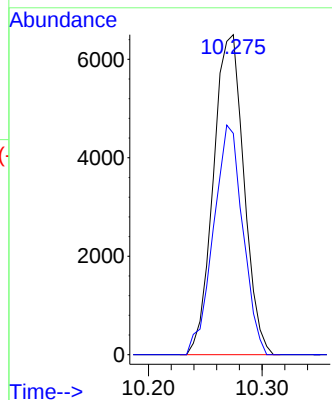
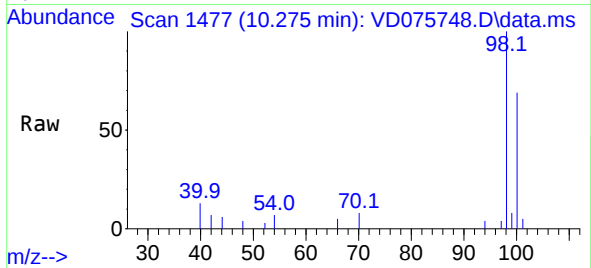




#50
Toluene-d8
Concen: 42.402 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

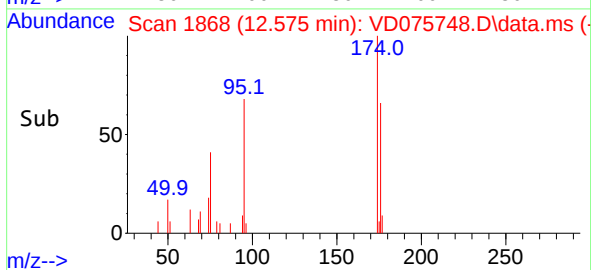
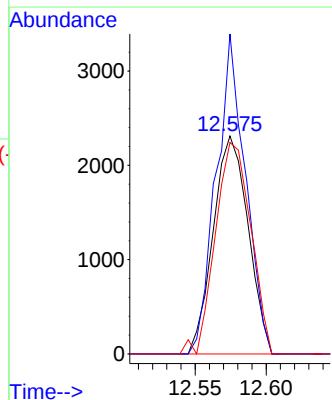
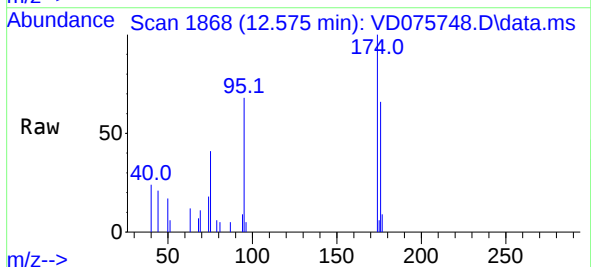
Instrument :
MSVOA_D
ClientSampleId :

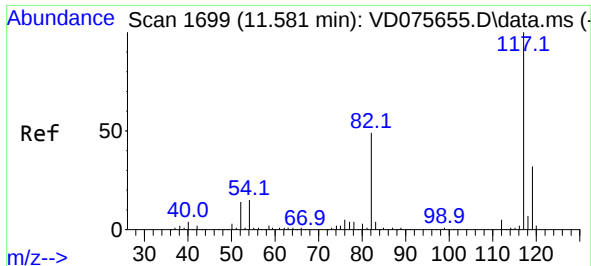
Tgt Ion: 98 Resp: 12137
Ion Ratio Lower Upper
98 100
100 69.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.827 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

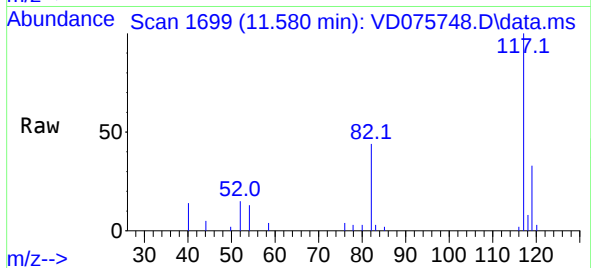
Tgt Ion: 95 Resp: 3943
Ion Ratio Lower Upper
95 100
174 123.4 0.0 164.0
176 98.7 0.0 156.8



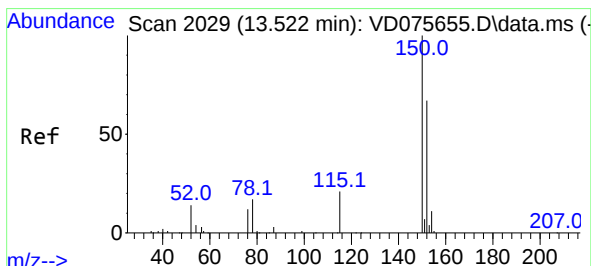
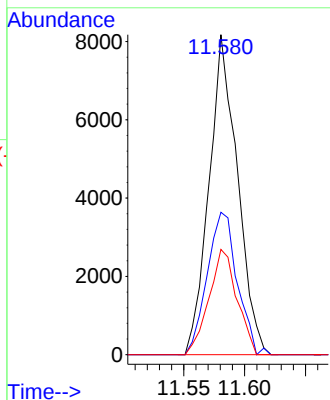
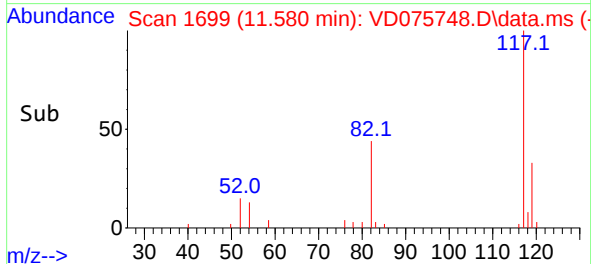


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

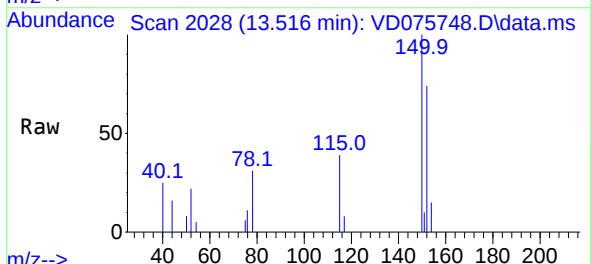
Instrument :
MSVOA_D
ClientSampleId :



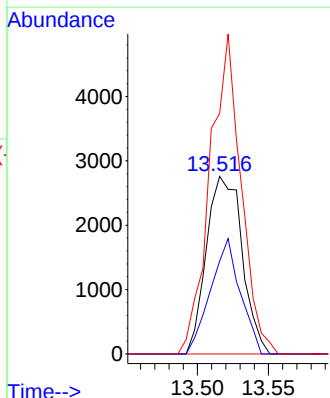
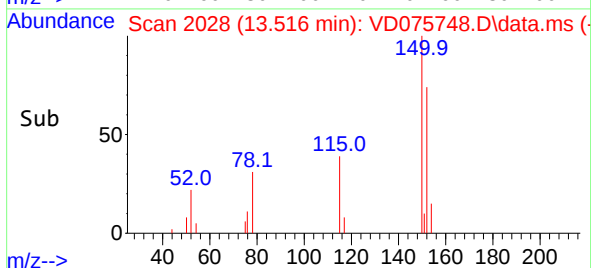
Tgt Ion:117 Resp: 13283
Ion Ratio Lower Upper
117 100
82 44.5 44.0 66.0
119 32.9 25.1 37.7

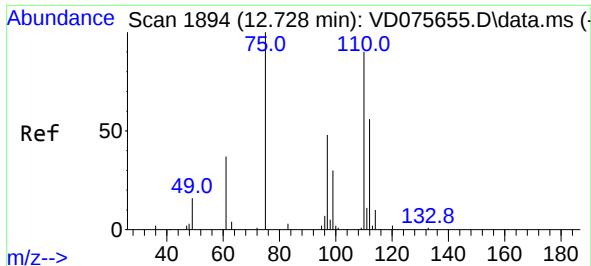


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50



Tgt Ion:152 Resp: 4828
Ion Ratio Lower Upper
152 100
115 54.0 30.1 90.3
150 157.1 0.0 364.8

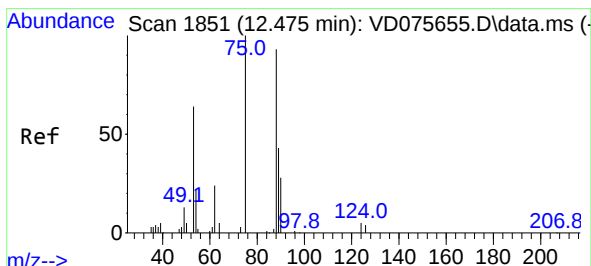
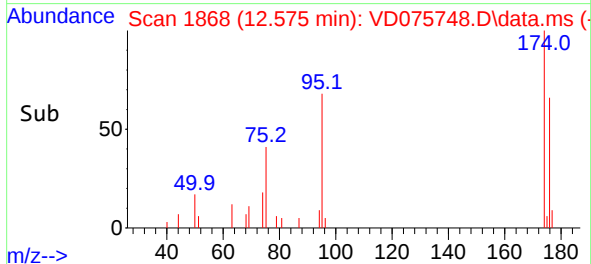
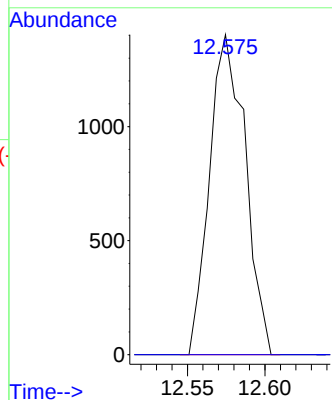
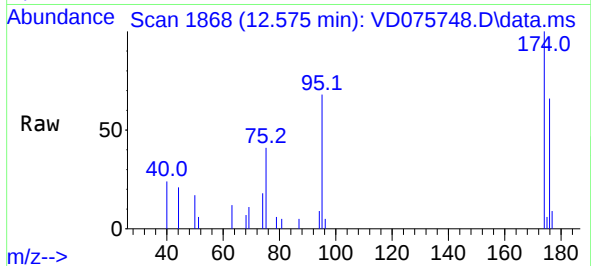




#76
1,2,3-Trichloropropane
Concen: 57.097 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 2248
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 123.751 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075748.D
Acq: 19 Apr 2023 14:50

Tgt Ion: 75 Resp: 2248
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

