

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075751.D
 Acq On : 19 Apr 2023 16:16
 Operator : KP/SY
 Sample : 02270-25
 Misc : 3.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 06:01:13 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)

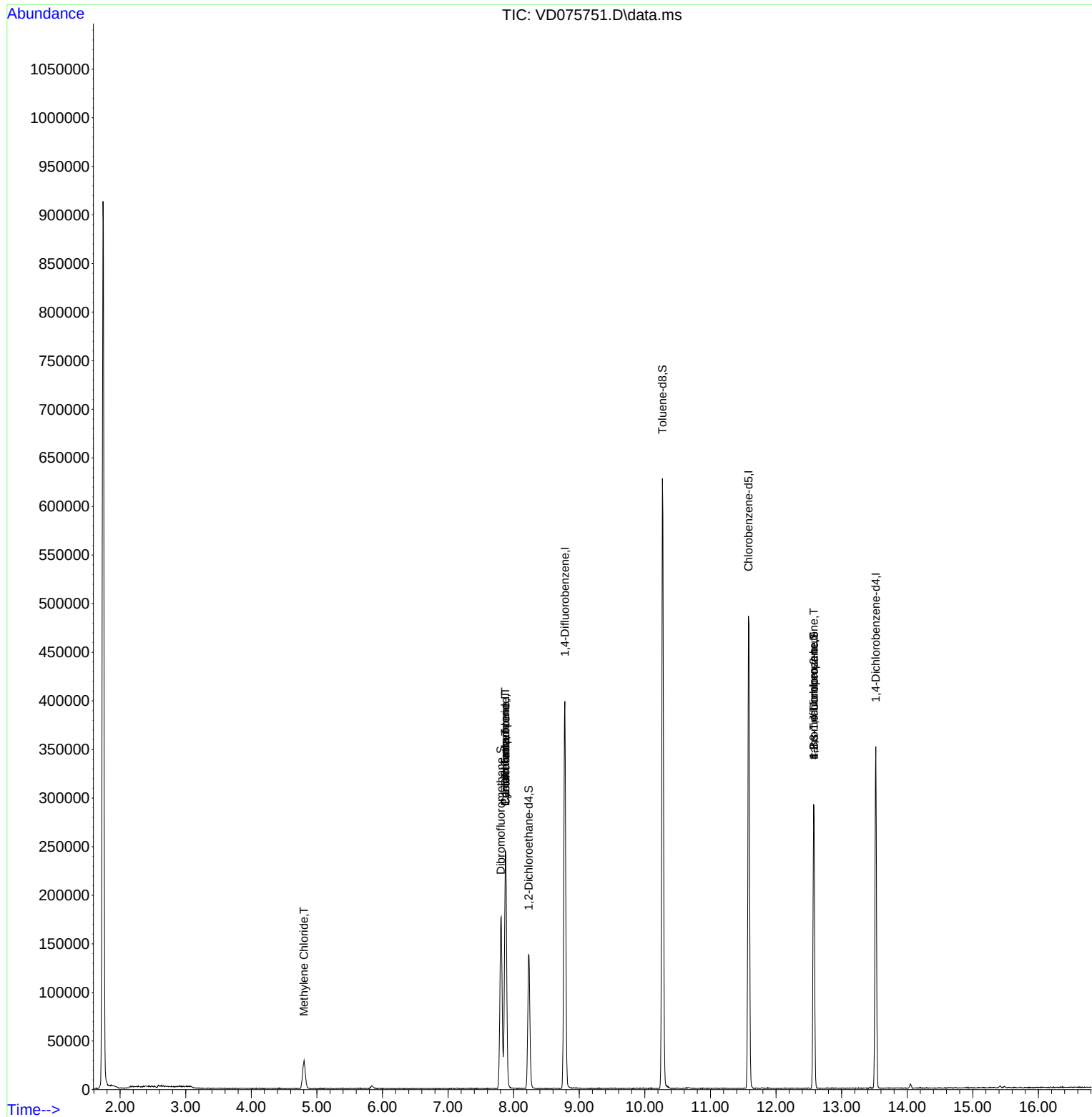
Internal Standards						
1) Pentafluorobenzene	7.875	168	202914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	391417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	313996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	101042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	105765	54.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.820%	
35) Dibromofluoromethane	7.804	113	133606	50.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.500%	
50) Toluene-d8	10.269	98	462647	43.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.760%	
62) 4-Bromofluorobenzene	12.575	95	95230	33.984	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 67.960%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.804	84	25328	5.141	ug/l #	68
31) Cyclohexane	7.875	56	3936	1.302	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	15118	4.162	ug/l #	50
38) Carbon Tetrachloride	7.875	117	19483	6.092	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	47566	57.726	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	47566	125.117	ug/l #	5

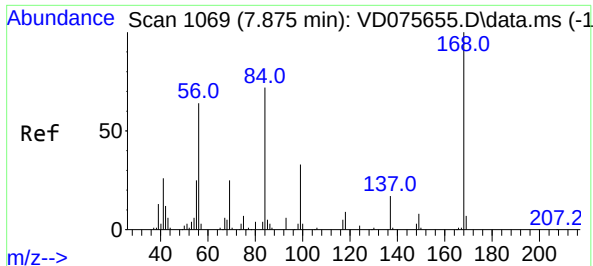
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 06:01:13 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

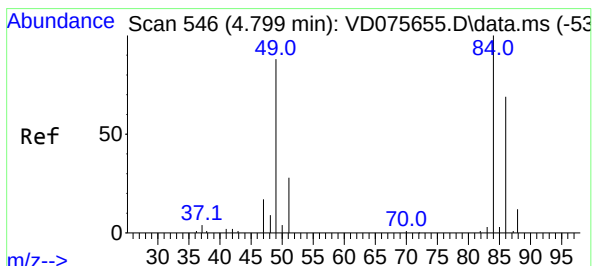
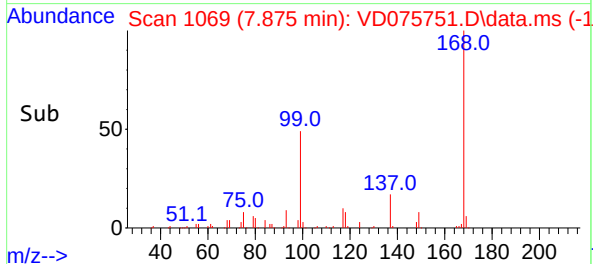
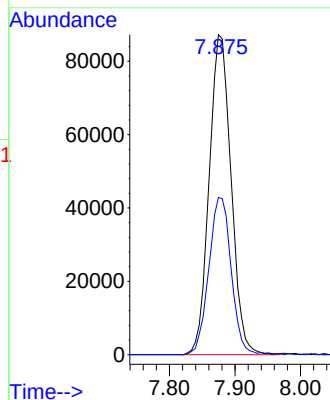
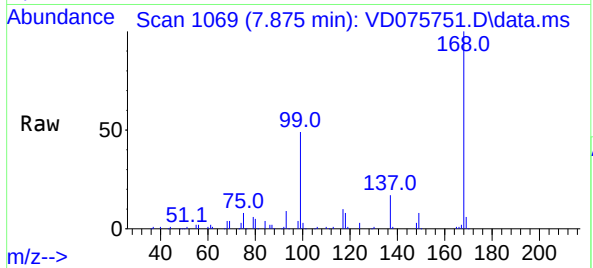




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

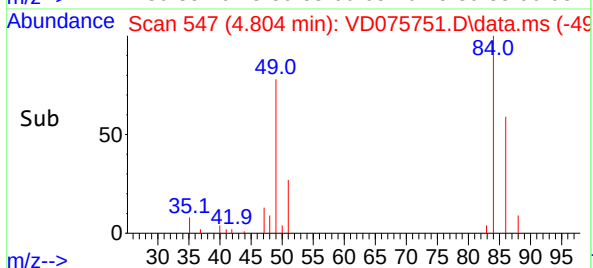
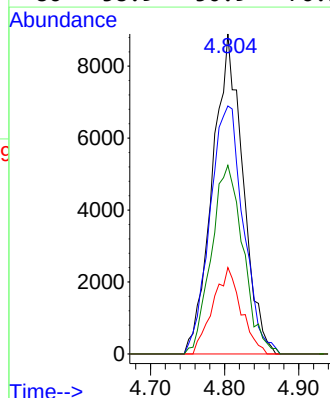
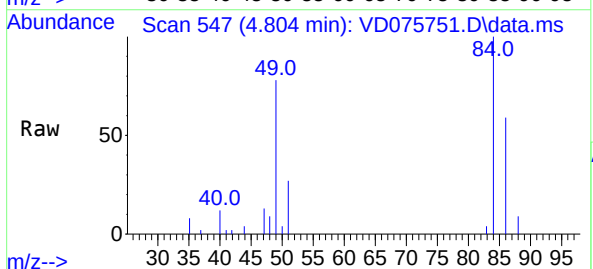
Instrument :
MSVOA_D
ClientSampleId :

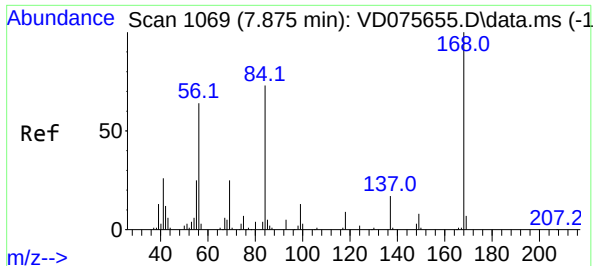
Tgt Ion:168 Resp: 202914
Ion Ratio Lower Upper
168 100
99 49.2 43.8 65.6



#20
Methylene Chloride
Concen: 5.141 ug/l
RT: 4.804 min Scan# 547
Delta R.T. 0.005 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

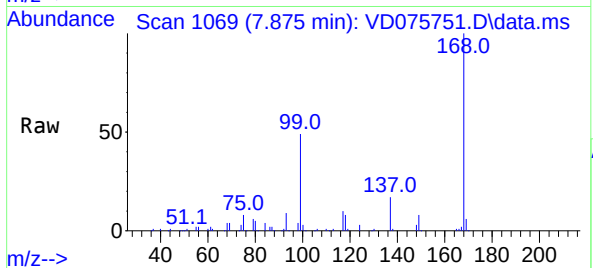
Tgt Ion: 84 Resp: 25328
Ion Ratio Lower Upper
84 100
49 77.5 106.4 159.6#
51 27.0 32.4 48.6#
86 58.9 50.9 76.3



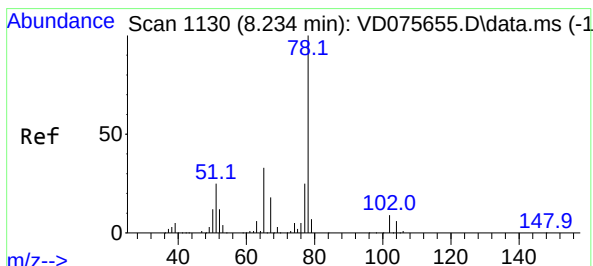
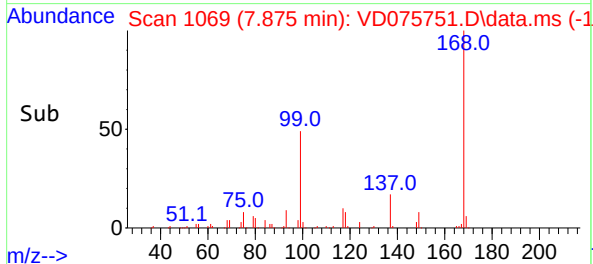
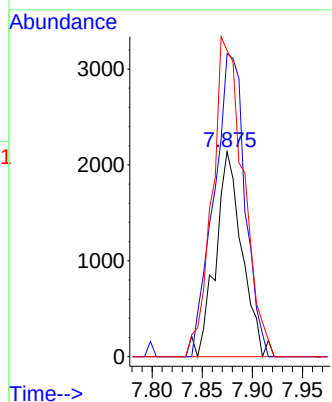


#31
Cyclohexane
Concen: 1.302 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

Instrument :
MSVOA_D
ClientSampleId :

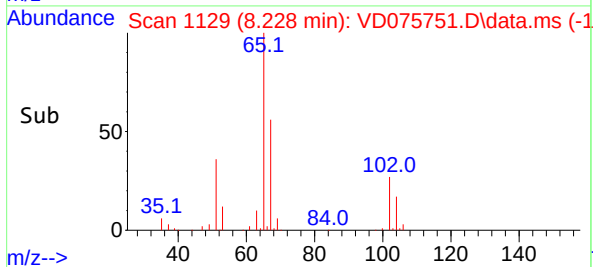
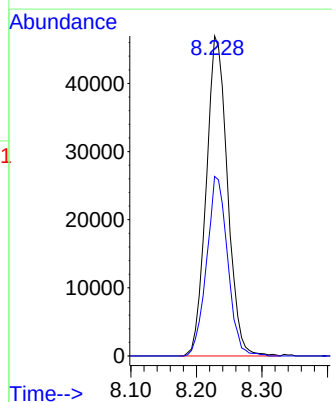
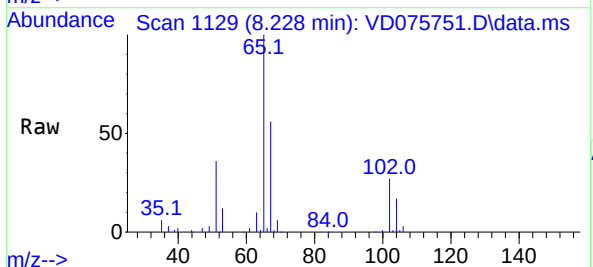


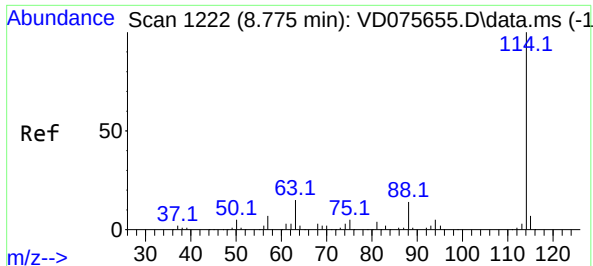
Tgt Ion: 56 Resp: 3936
Ion Ratio Lower Upper
56 100
69 147.7 25.5 38.3#
84 149.2 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 54.913 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

Tgt Ion: 65 Resp: 105765
Ion Ratio Lower Upper
65 100
67 55.4 0.0 102.2

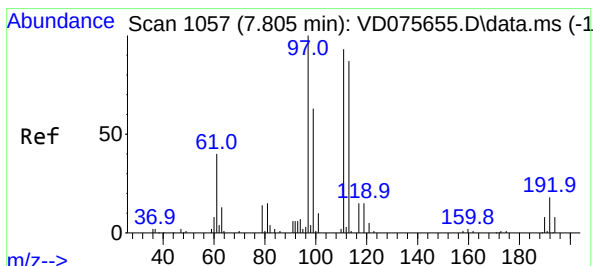
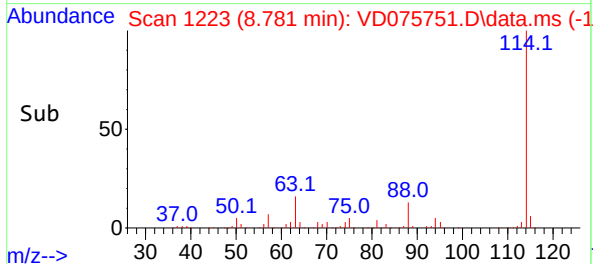
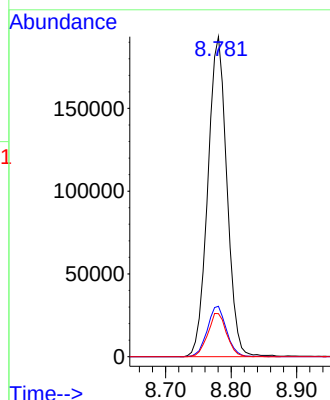
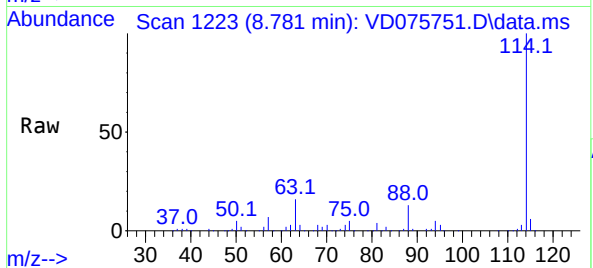




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

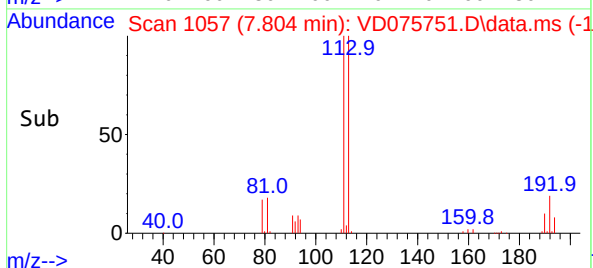
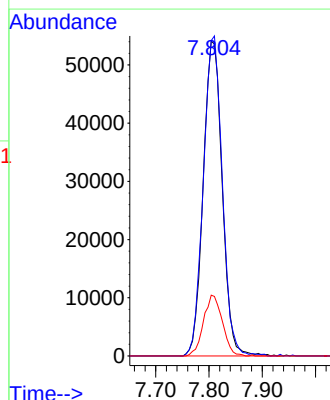
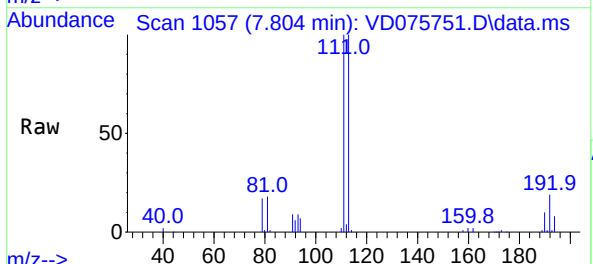
Instrument :
MSVOA_D
ClientSampleId :

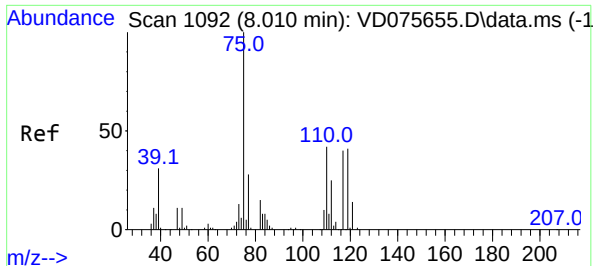
Tgt Ion:114 Resp: 391417
Ion Ratio Lower Upper
114 100
63 15.8 0.0 41.6
88 13.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.749 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

Tgt Ion:113 Resp: 133606
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 19.2 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.162 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

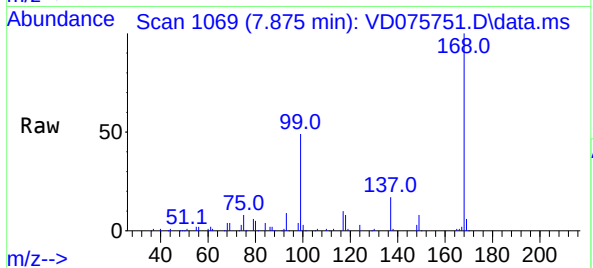
Lab File: VD075751.D

Acq: 19 Apr 2023 16:16

Instrument :

MSVOA_D

ClientSampleId :



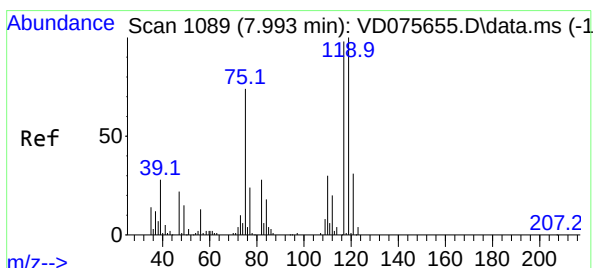
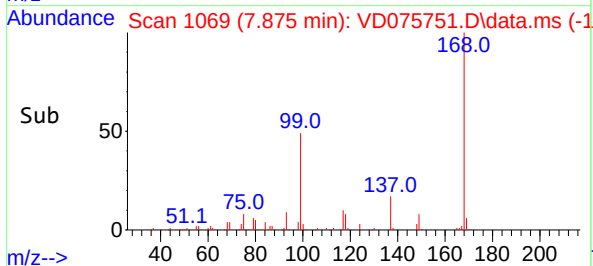
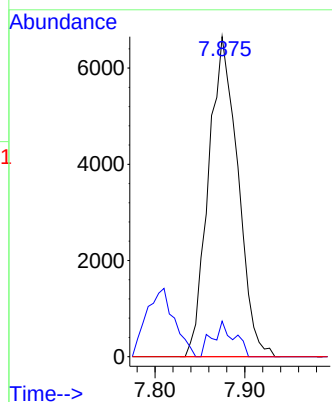
Tgt Ion: 75 Resp: 15118

Ion Ratio Lower Upper

75 100

110 8.2 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.092 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075751.D

Acq: 19 Apr 2023 16:16

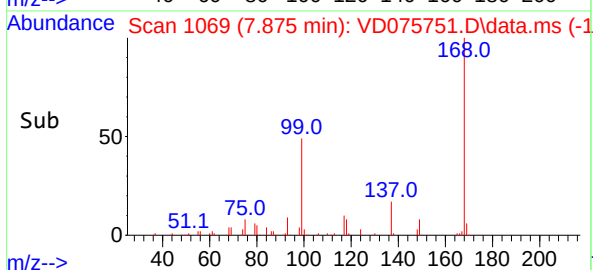
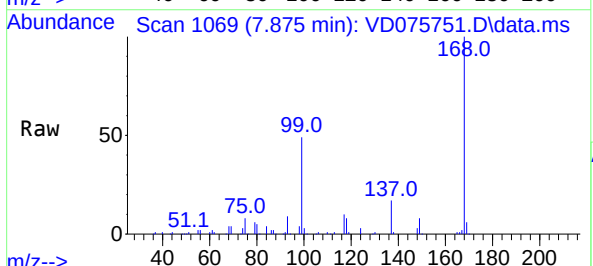
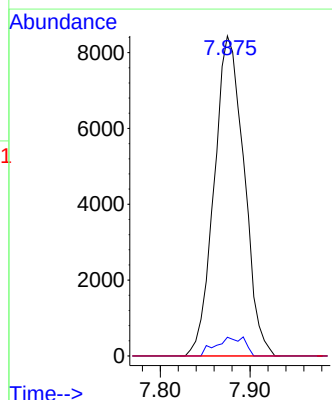
Tgt Ion: 117 Resp: 19483

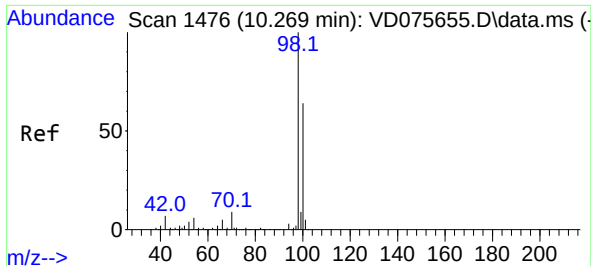
Ion Ratio Lower Upper

117 100

119 5.8 74.7 112.1#

121 0.0 25.9 38.9#

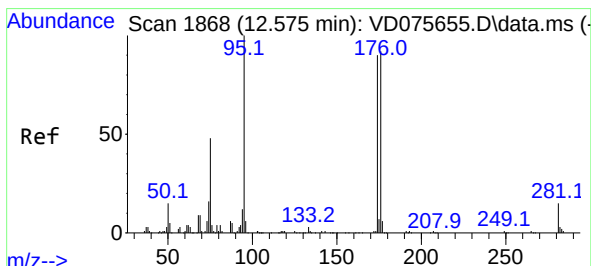
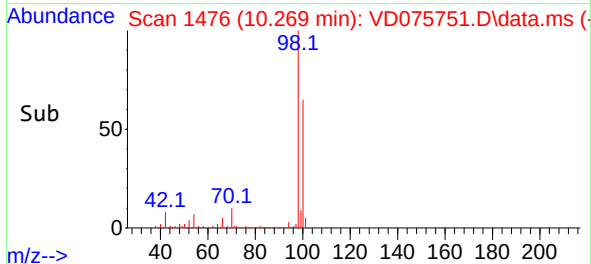
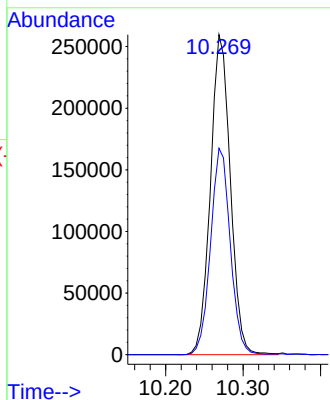
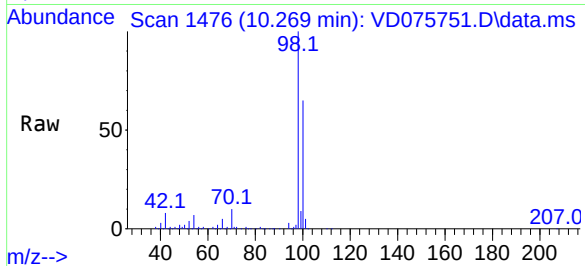




#50
Toluene-d8
Concen: 43.883 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

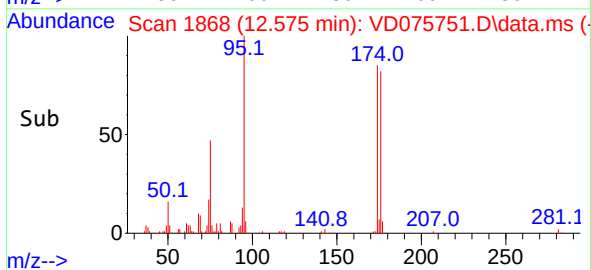
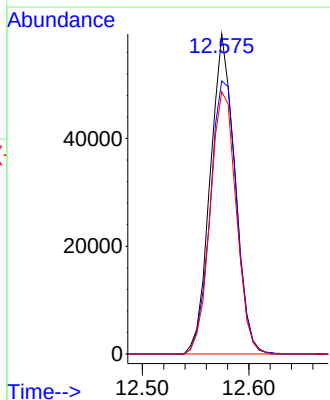
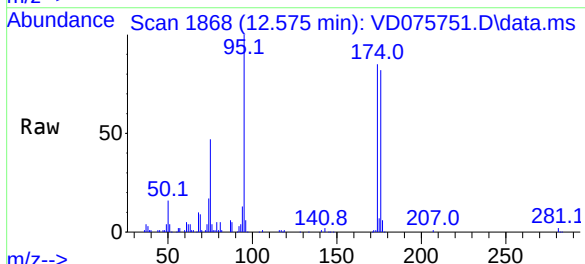
Instrument :
MSVOA_D
ClientSampleId :

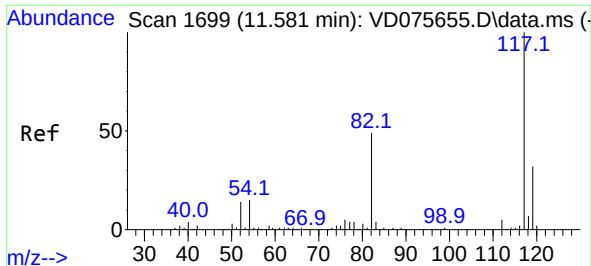
Tgt Ion: 98 Resp: 462647
Ion Ratio Lower Upper
98 100
100 63.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 33.984 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

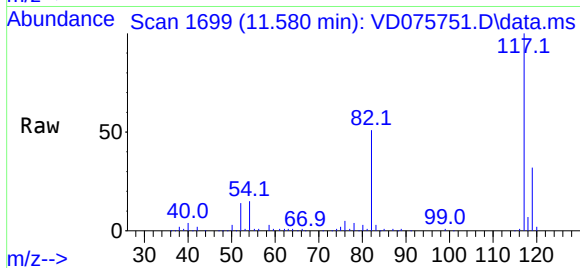
Tgt Ion: 95 Resp: 95230
Ion Ratio Lower Upper
95 100
174 92.2 0.0 164.0
176 86.3 0.0 156.8



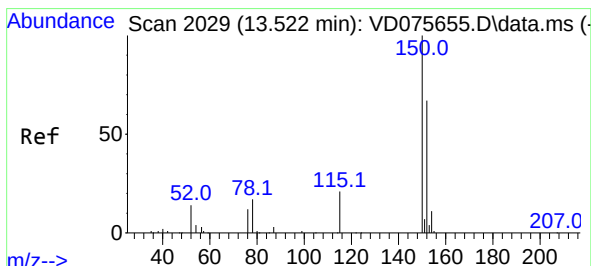
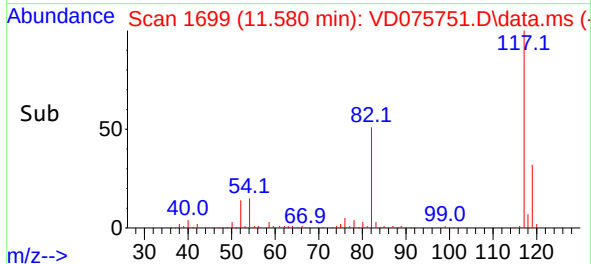
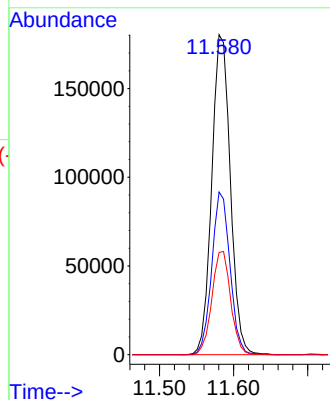


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1
Delta R.T. -0.001 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

Instrument :
MSVOA_D
ClientSampleId :

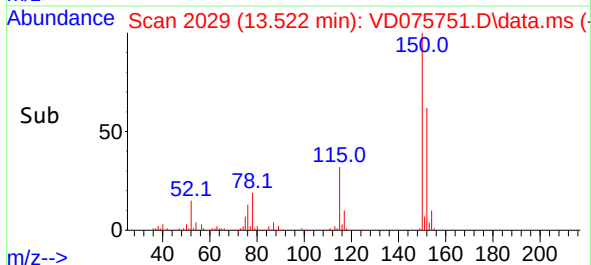
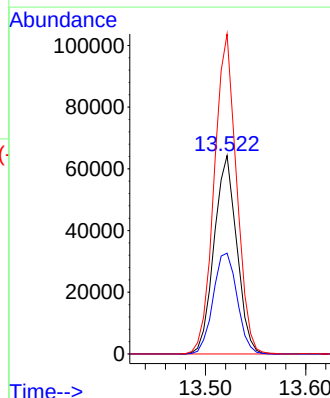
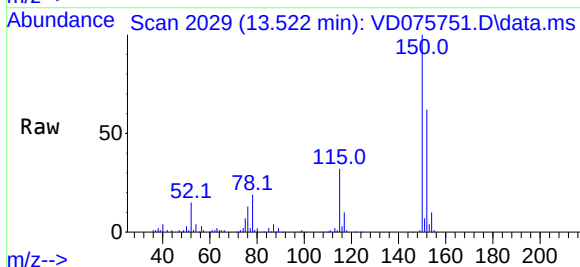


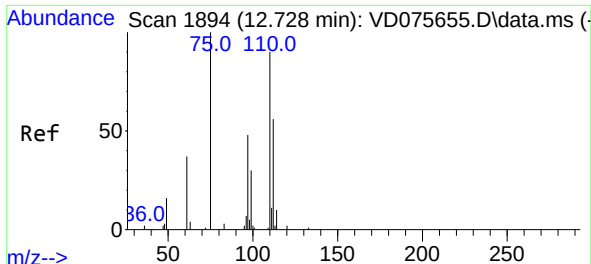
Tgt Ion:117 Resp: 313996
Ion Ratio Lower Upper
117 100
82 50.8 44.0 66.0
119 32.0 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

Tgt Ion:152 Resp: 101042
Ion Ratio Lower Upper
152 100
115 53.8 30.1 90.3
150 158.7 0.0 364.8

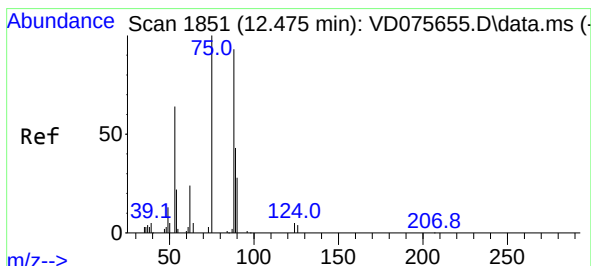
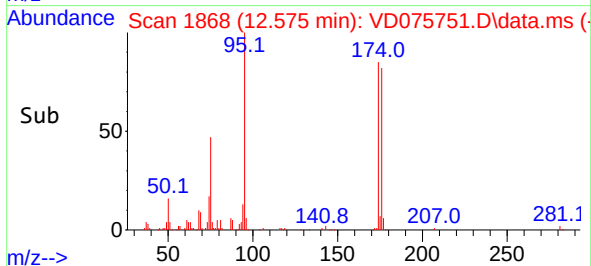
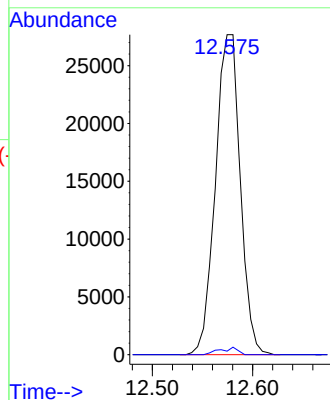
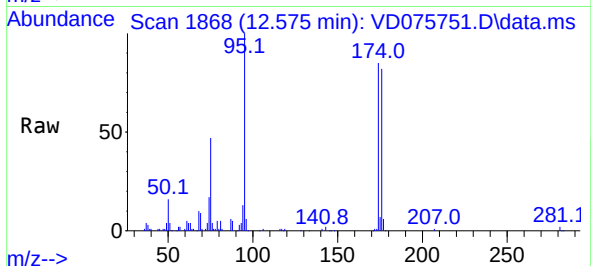




#76
1,2,3-Trichloropropane
Concen: 57.726 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 47566
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.117 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075751.D
Acq: 19 Apr 2023 16:16

Tgt Ion: 75 Resp: 47566
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

