

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082421\
 Data File : VD070237.D
 Acq On : 24 Aug 2021 13:04
 Operator : VA/SY
 Sample : M3449-13RE
 Misc : 3.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5

Quant Time: Aug 24 15:40:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

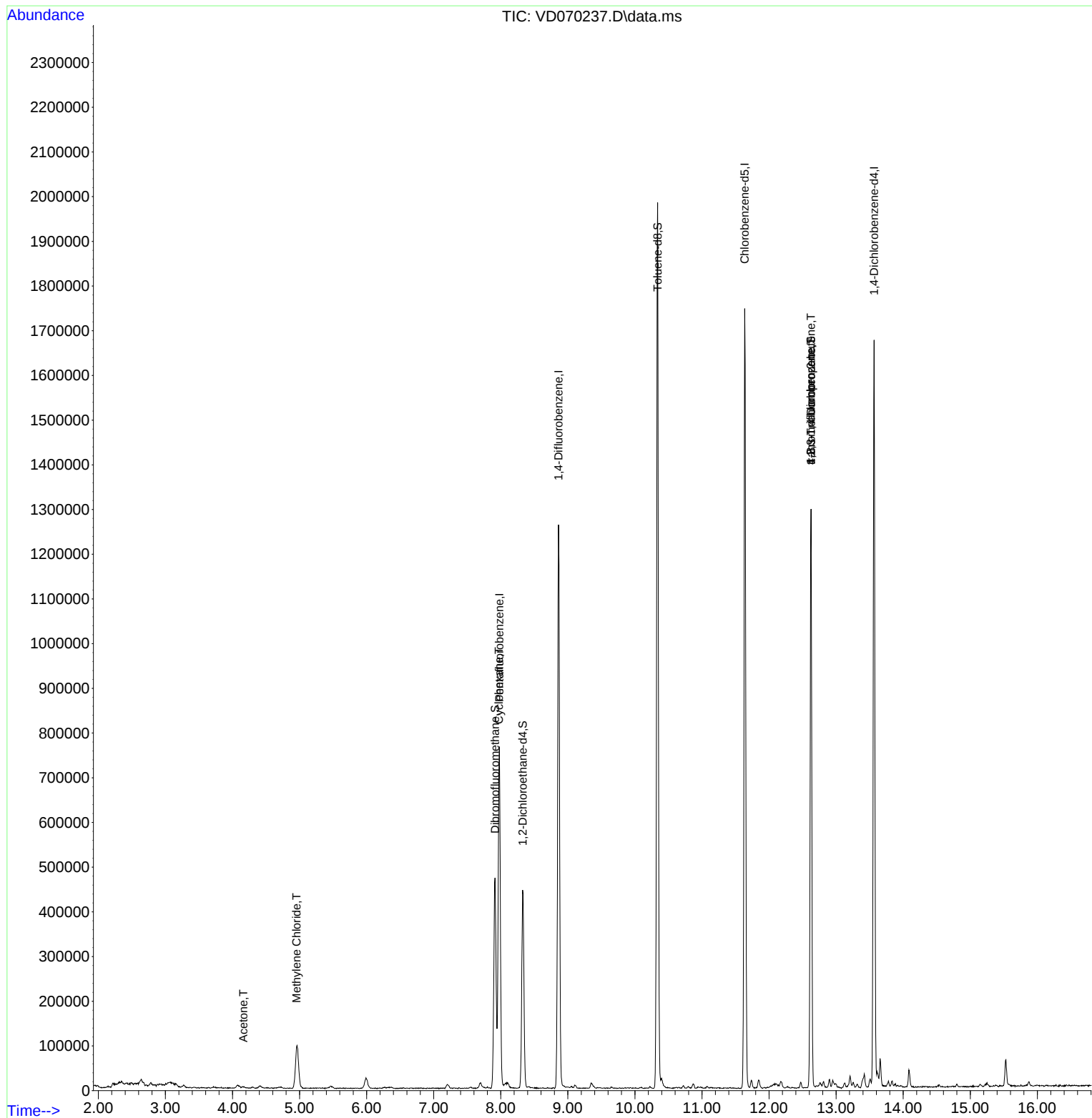
Internal Standards						
1) Pentafluorobenzene	7.979	168	527131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1053918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	1020498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	432071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	341976	55.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.320%
35) Dibromofluoromethane	7.914	113	346490	50.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.780%
50) Toluene-d8	10.338	98	1350352	50.989	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.980%
62) 4-Bromofluorobenzene	12.626	95	448107	51.371	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.740%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	2521	Below Cal		100
3) Chloromethane	2.209	50	4161	Below Cal	#	71
5) Bromomethane	2.773	94	5418	Below Cal		97
16) Acetone	4.161	43	5897	5.163	ug/l #	88
20) Methylene Chloride	4.955	84	77140	2.102	ug/l	99
31) Cyclohexane	7.973	56	16985	1.384	ug/l #	12
76) 1,2,3-Trichloropropane	12.626	75	218655	49.901	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	218655	129.524	ug/l #	18

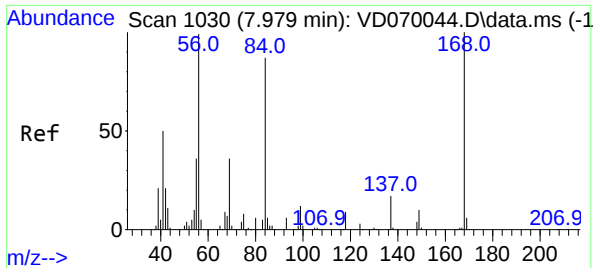
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

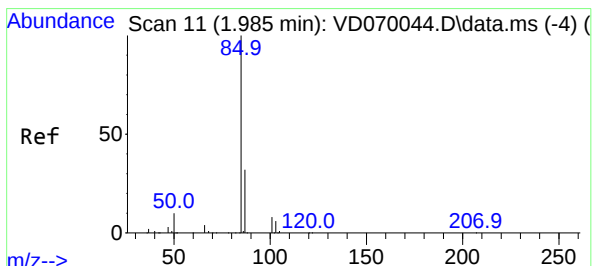
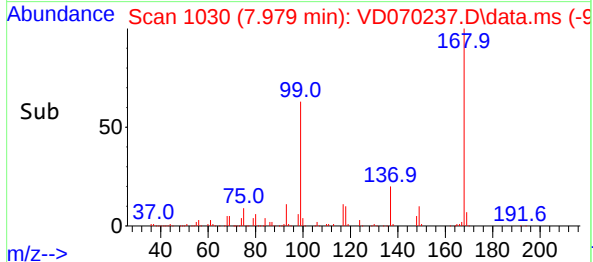
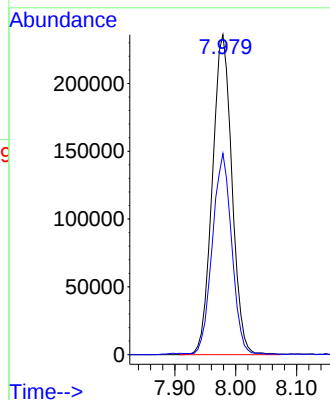
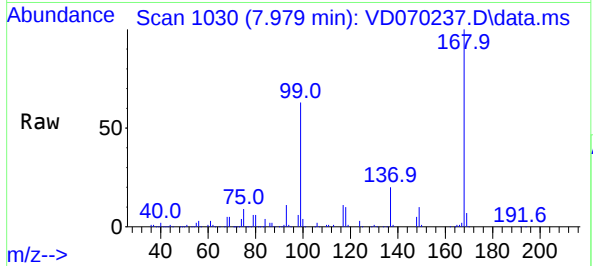




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

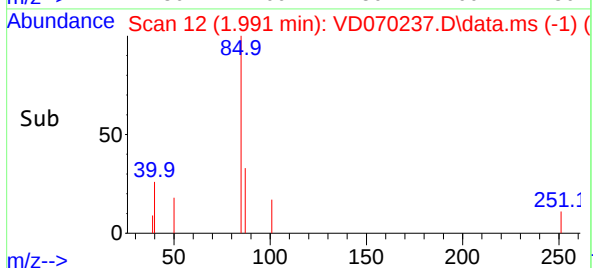
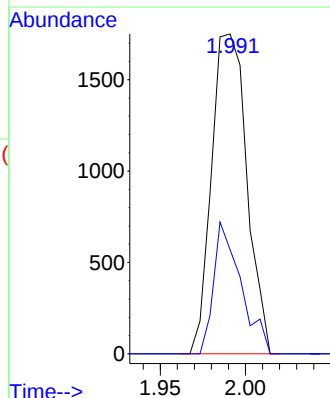
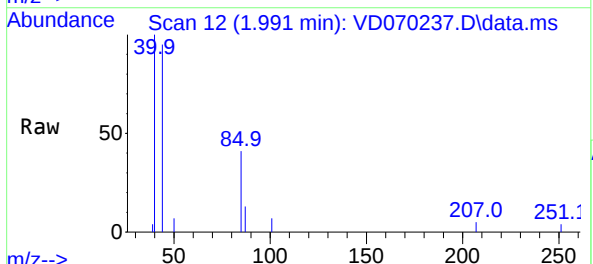
Instrument :
MSVOA_D
ClientSampled :
TP5

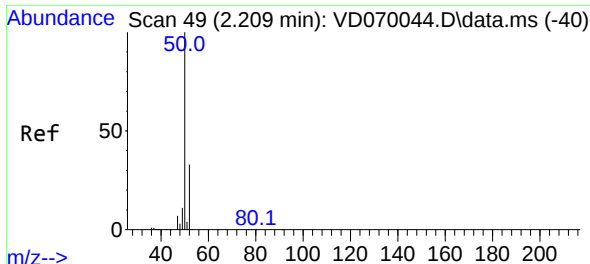
Tgt Ion:168 Resp: 527131
Ion Ratio Lower Upper
168 100
99 62.7 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

Tgt Ion: 85 Resp: 2521
Ion Ratio Lower Upper
85 100
87 32.5 16.2 48.6

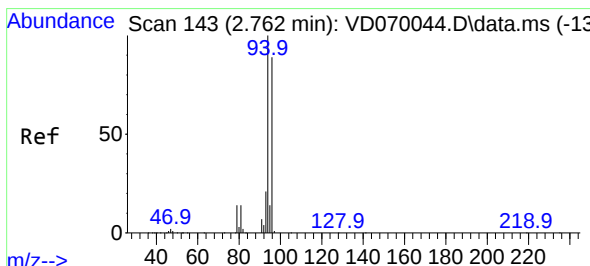
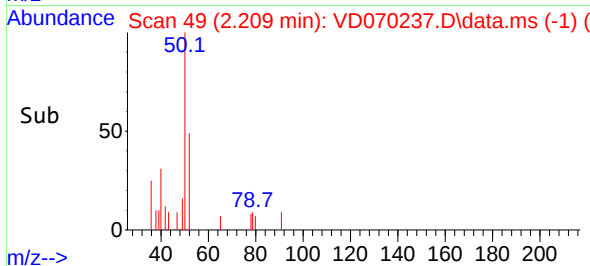
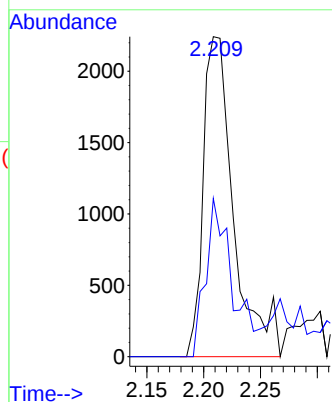
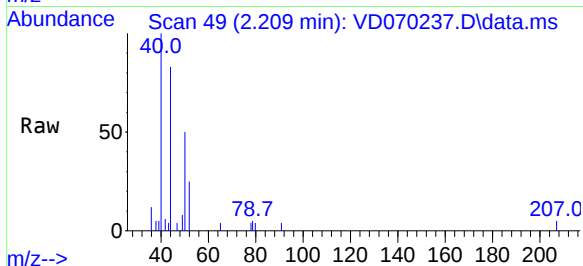




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

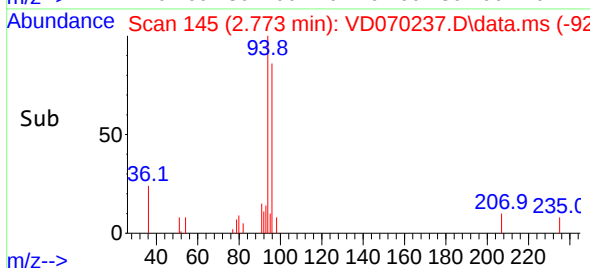
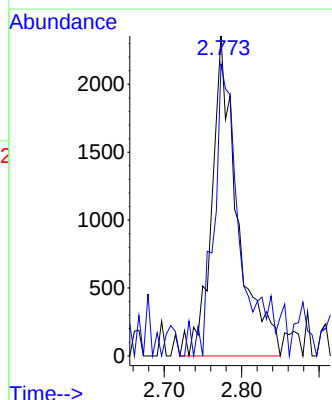
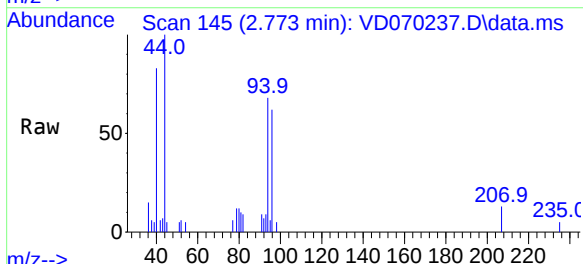
Instrument :
MSVOA_D
ClientSampled :
TP5

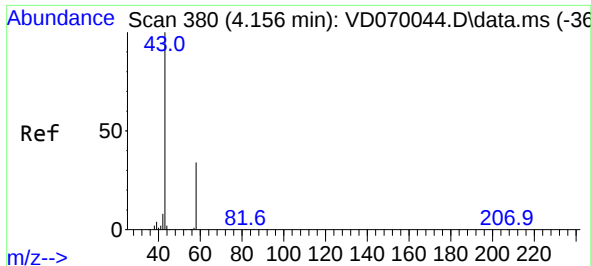
Tgt Ion: 50 Resp: 4161
Ion Ratio Lower Upper
50 100
52 49.5 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

Tgt Ion: 94 Resp: 5418
Ion Ratio Lower Upper
94 100
96 91.3 70.9 106.3

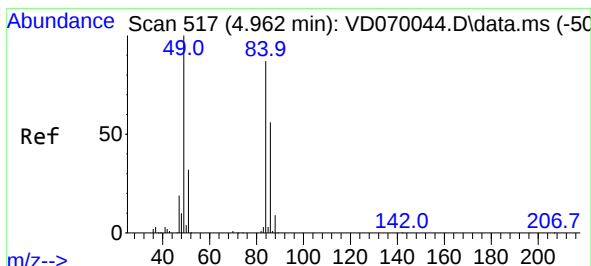
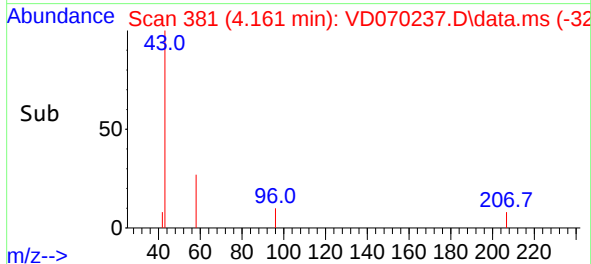
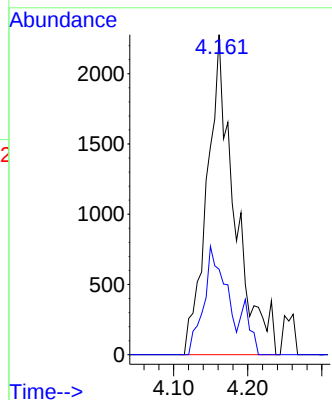
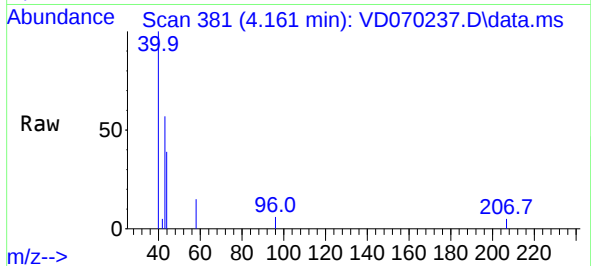




#16
Acetone
Concen: 5.163 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

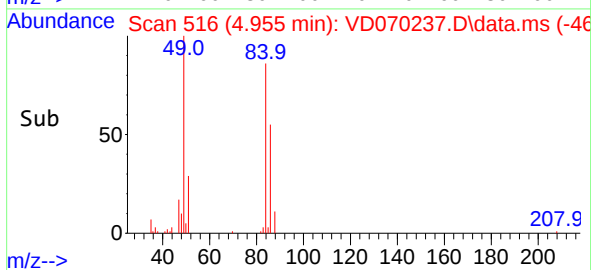
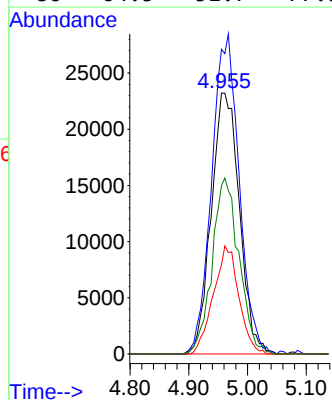
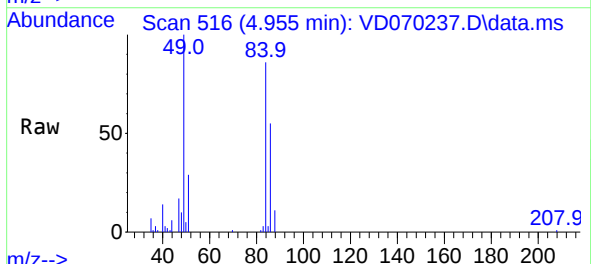
Instrument :
MSVOA_D
ClientSampled :
TP5

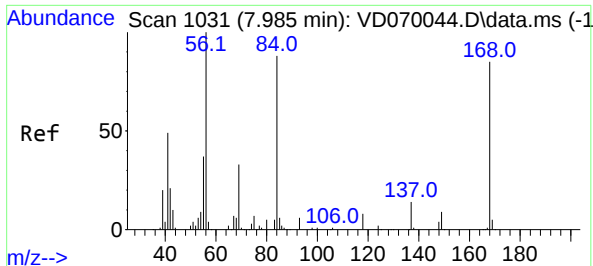
Tgt Ion: 43 Resp: 5897
Ion Ratio Lower Upper
43 100
58 26.7 26.8 40.2#



#20
Methylene Chloride
Concen: 2.102 ug/l
RT: 4.955 min Scan# 516
Delta R.T. -0.007 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

Tgt Ion: 84 Resp: 77140
Ion Ratio Lower Upper
84 100
49 116.8 92.5 138.7
51 34.2 29.7 44.5
86 64.5 51.7 77.5





#31

Cyclohexane

Concen: 1.384 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD070237.D

Acq: 24 Aug 2021 13:04

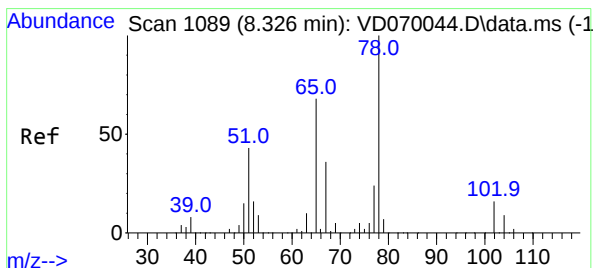
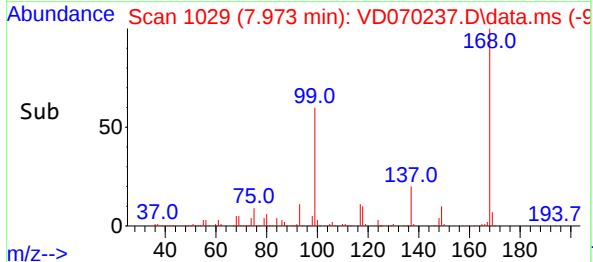
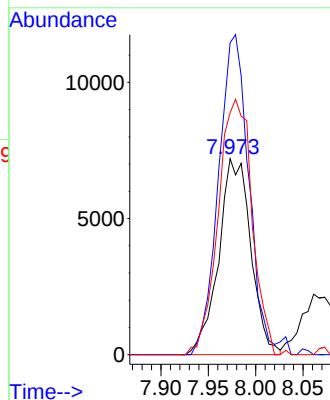
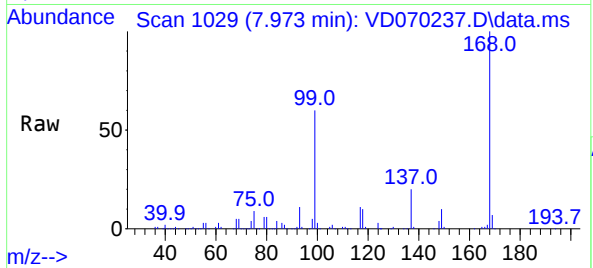
Tgt Ion: 56 Resp: 16985

Ion Ratio Lower Upper

56 100

69 159.1 26.7 40.1#

84 123.4 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 55.158 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD070237.D

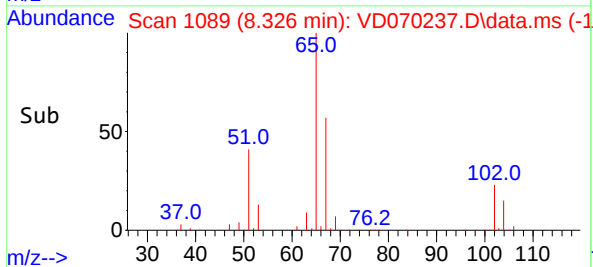
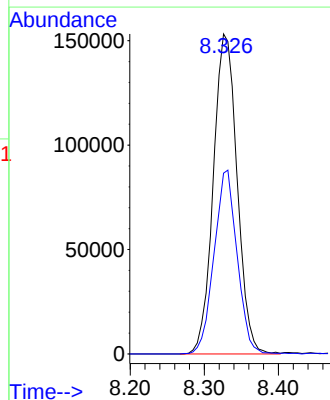
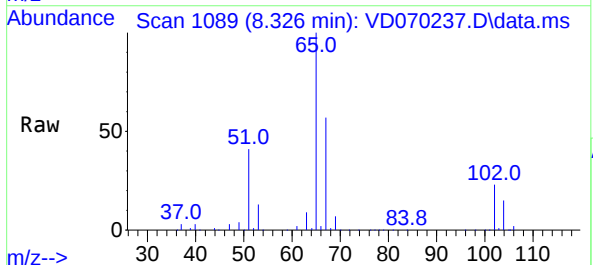
Acq: 24 Aug 2021 13:04

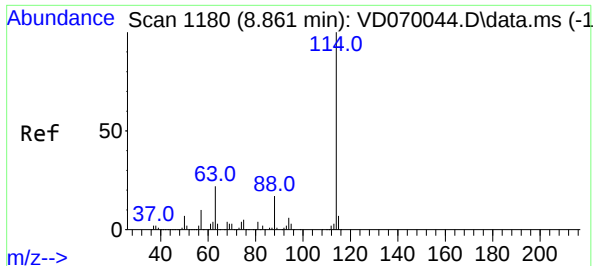
Tgt Ion: 65 Resp: 341976

Ion Ratio Lower Upper

65 100

67 55.7 0.0 107.8



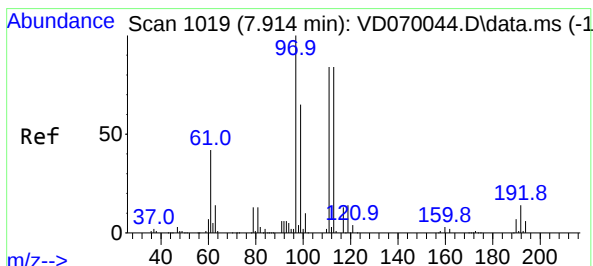
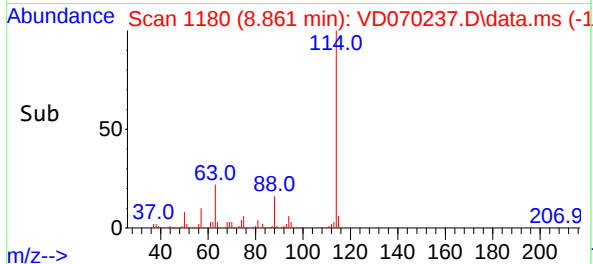
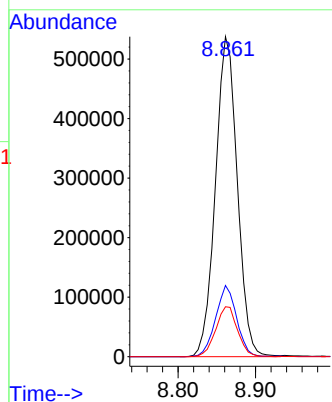
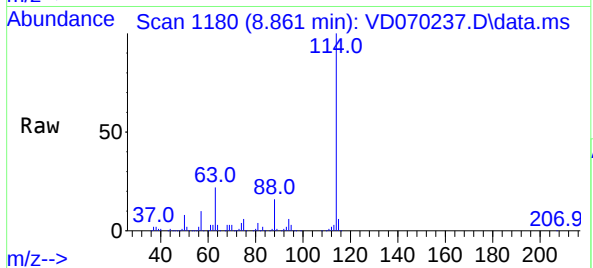


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

Instrument :
MSVOA_D
ClientSampled :
TP5

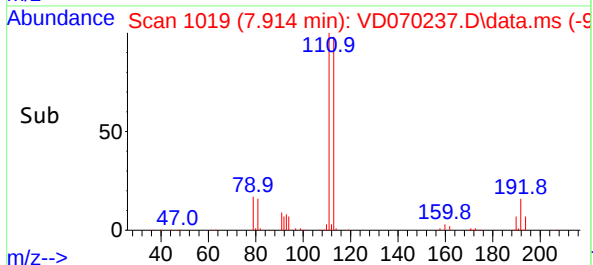
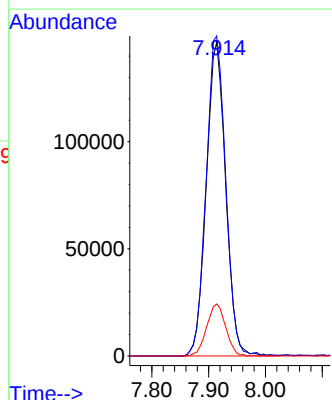
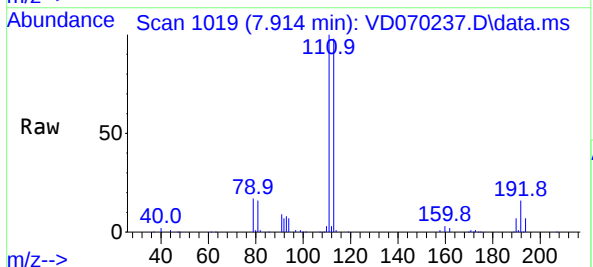
Tgt Ion:114 Resp: 1053918
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.6
88 15.6 0.0 33.4

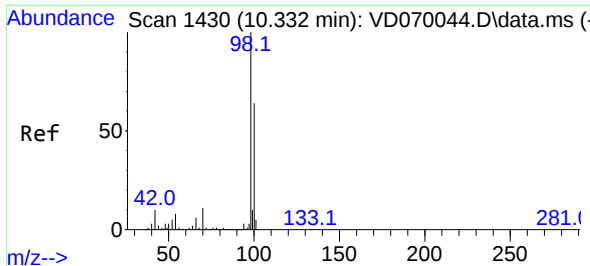


#35

Dibromofluoromethane
Concen: 50.887 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

Tgt Ion:113 Resp: 346490
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 16.3 13.2 19.8

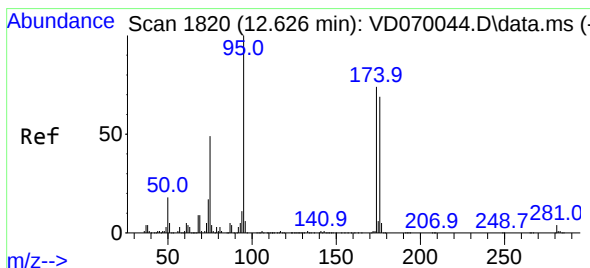
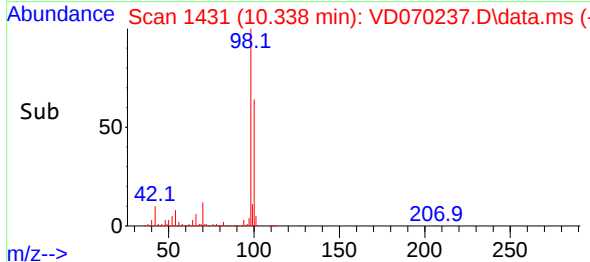
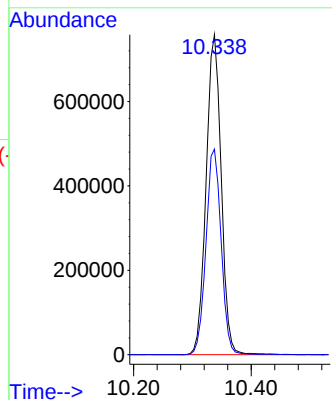
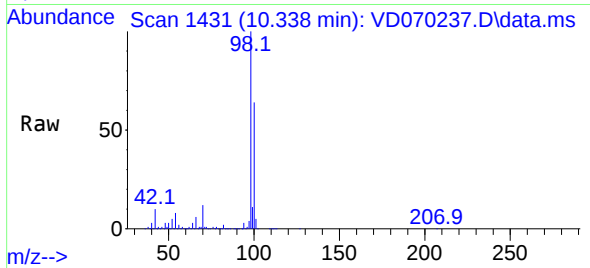




#50
Toluene-d8
Concen: 50.989 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

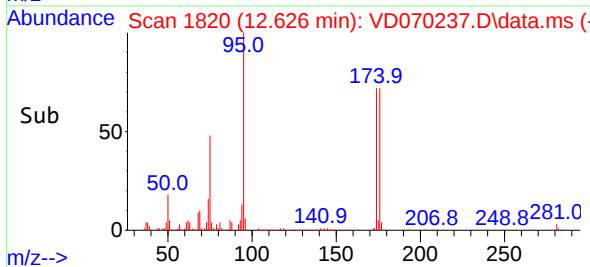
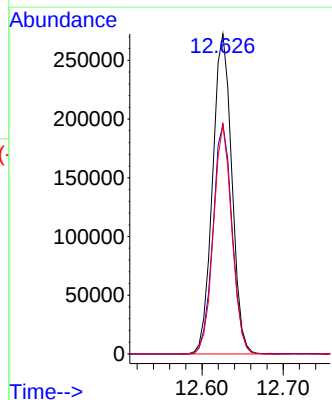
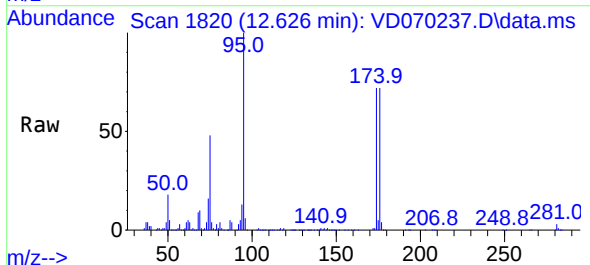
Instrument :
MSVOA_D
ClientSampled :
TP5

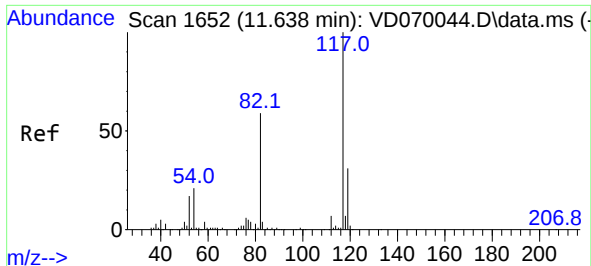
Tgt Ion: 98 Resp: 1350352
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.371 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

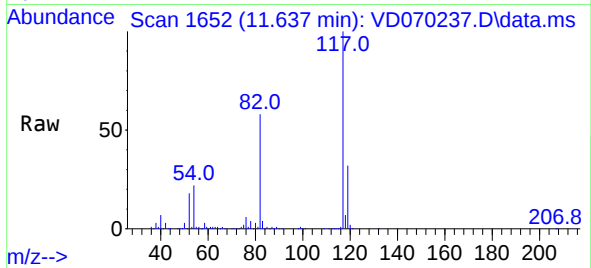
Tgt Ion: 95 Resp: 448107
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.6
176 68.7 0.0 138.2





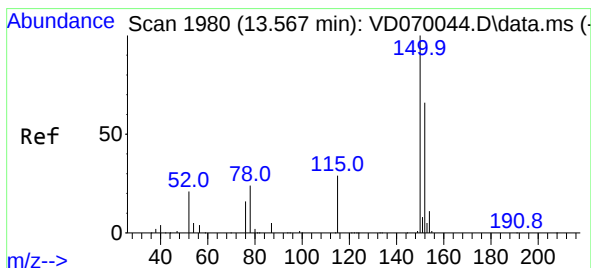
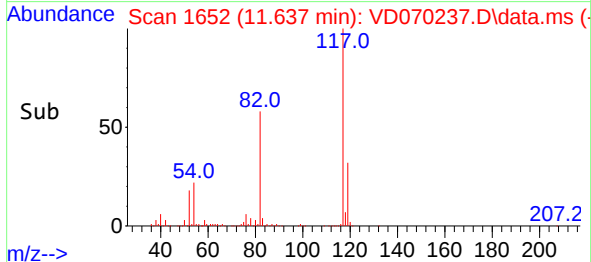
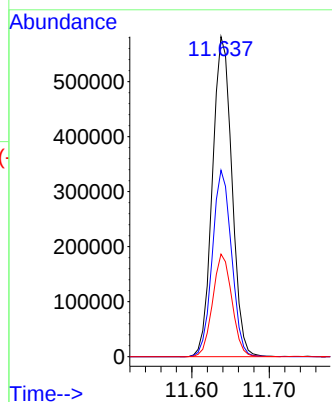
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

Instrument :
MSVOA_D
ClientSampled :
TP5

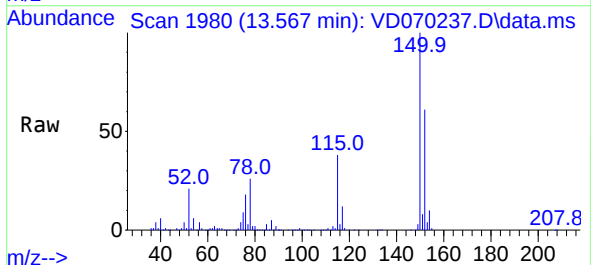


Tgt Ion:117 Resp: 1020498

Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.5	71.3
119	32.1	25.1	37.7

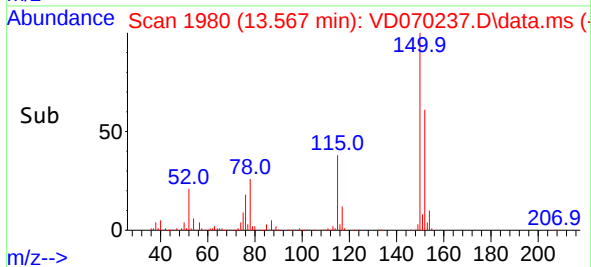
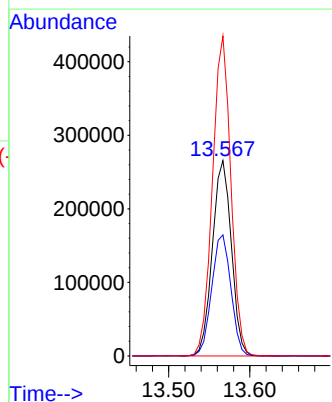


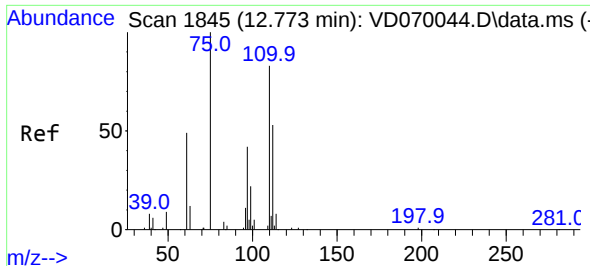
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04



Tgt Ion:152 Resp: 432071

Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.2	93.6
150	158.4	0.0	352.0

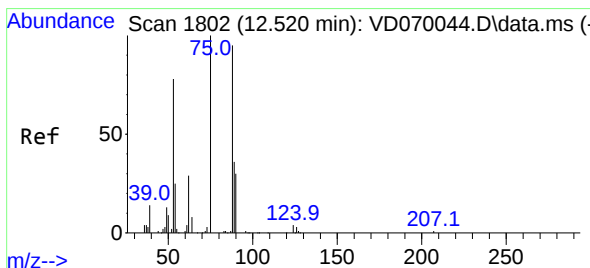
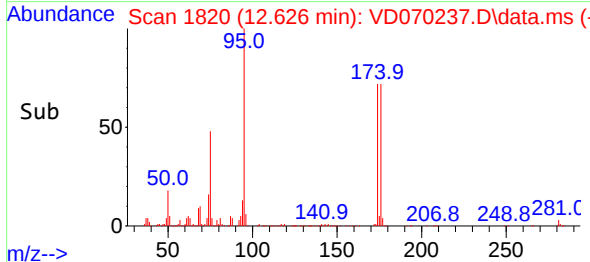
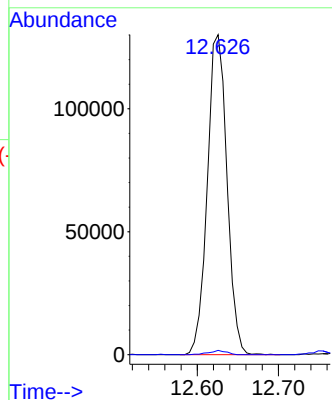
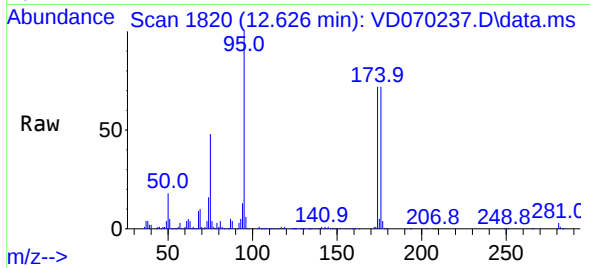




#76
1,2,3-Trichloropropane
Concen: 49.901 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

Instrument :
MSVOA_D
ClientSampleID :
TP5

Tgt Ion: 75 Resp: 218655
Ion Ratio Lower Upper
75 100
77 1.2 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.524 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070237.D
Acq: 24 Aug 2021 13:04

Tgt Ion: 75 Resp: 218655
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.0 33.7 50.5#

