

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082521\
 Data File : VD070247.D
 Acq On : 25 Aug 2021 13:17
 Operator : VA/SY
 Sample : M3465-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CON-A

Quant Time: Aug 25 14:46:15 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)

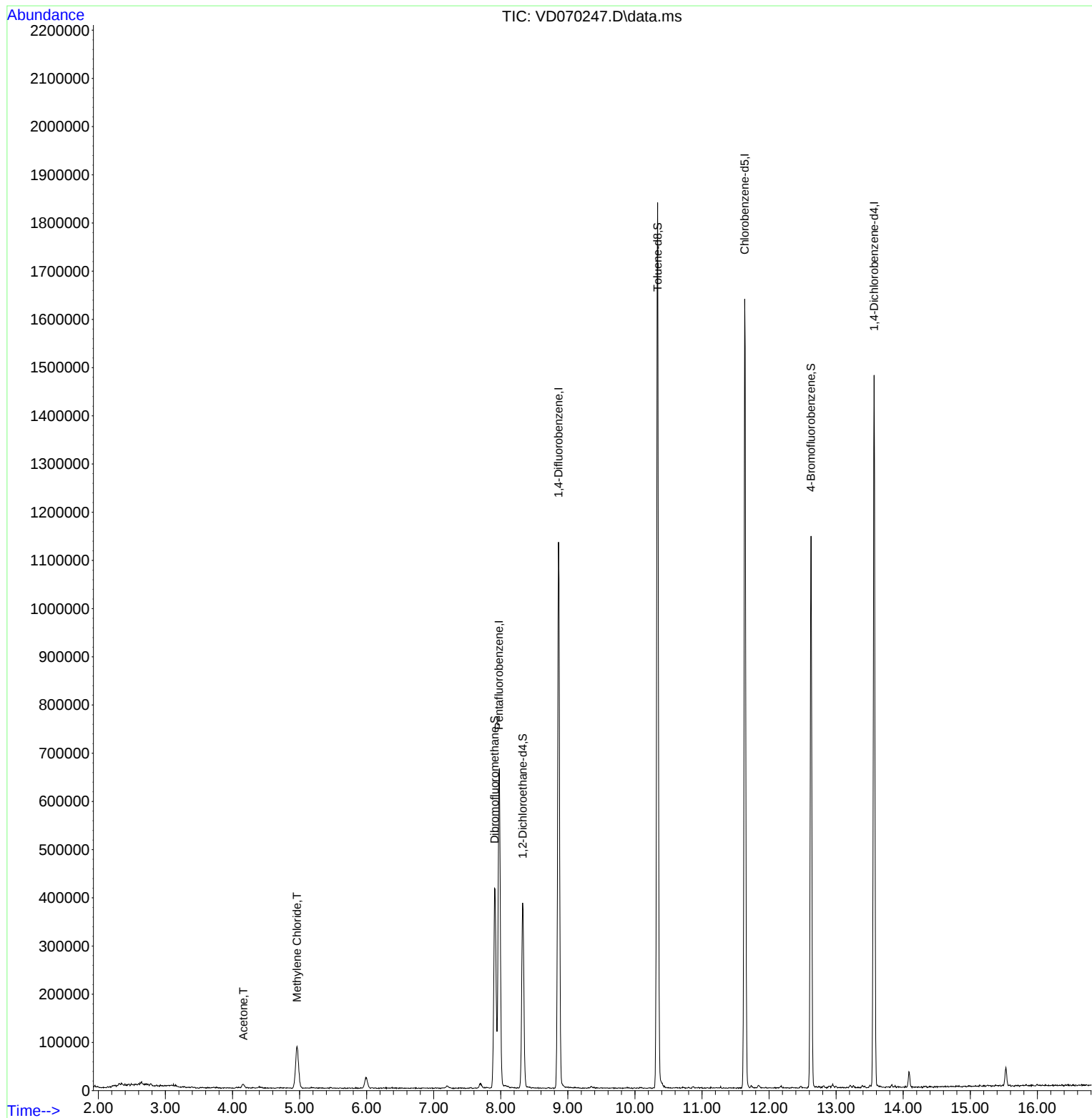
Internal Standards						
1) Pentafluorobenzene	7.973	168	465848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	950294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	922995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	389585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	301942	55.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.220%
35) Dibromofluoromethane	7.908	113	306308	49.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.780%
50) Toluene-d8	10.338	98	1243698	52.083	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.626	95	383936	48.814	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.620%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	13607	13.481	ug/l	90
20) Methylene Chloride	4.961	84	68484	2.156	ug/l	95

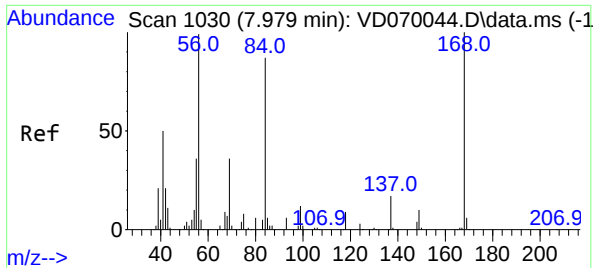
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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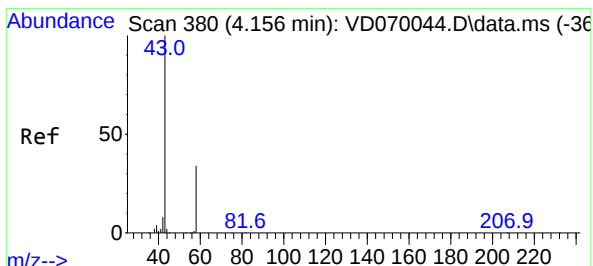
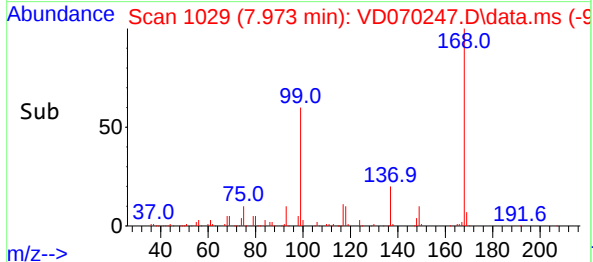
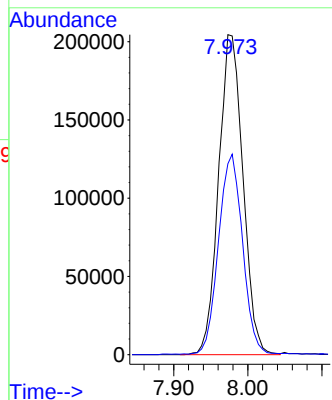
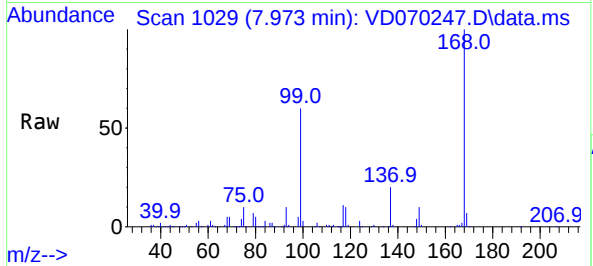




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

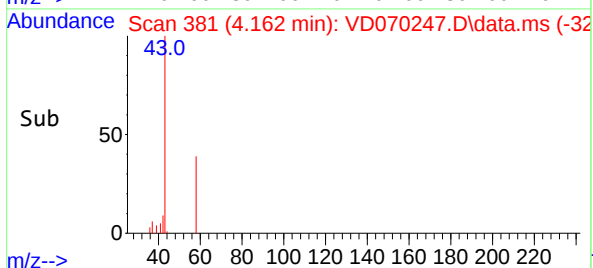
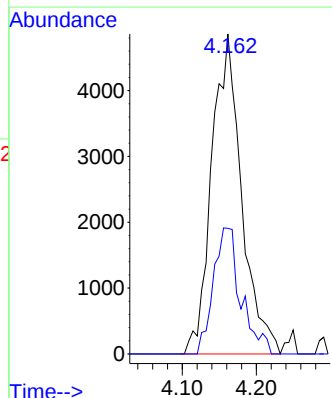
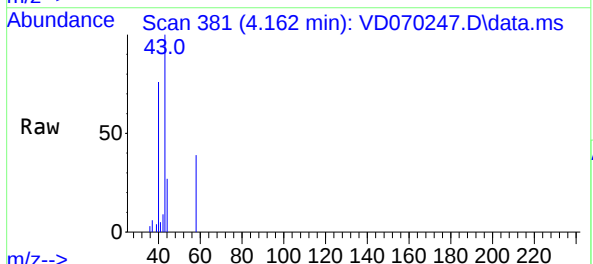
Instrument :
MSVOA_D
ClientSampleId :
CON-A

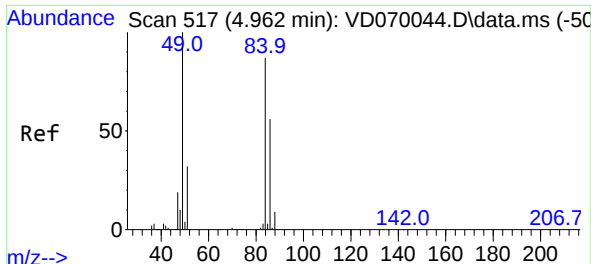
Tgt Ion:168 Resp: 465848
Ion Ratio Lower Upper
168 100
99 59.5 50.3 75.5



#16
Acetone
Concen: 13.481 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

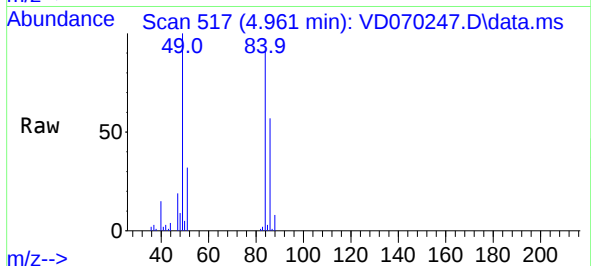
Tgt Ion: 43 Resp: 13607
Ion Ratio Lower Upper
43 100
58 39.3 26.8 40.2



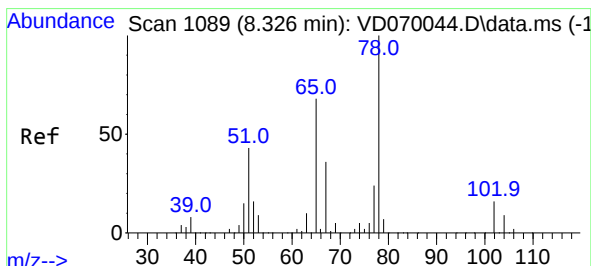
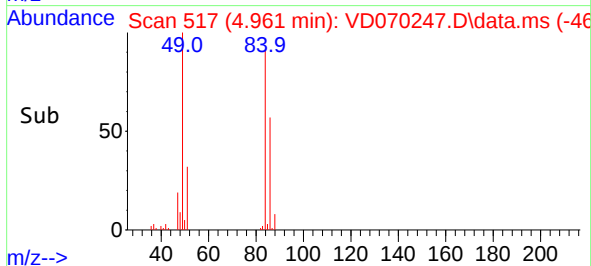
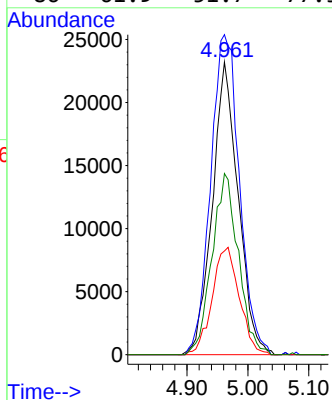


#20
Methylene Chloride
Concen: 2.156 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Instrument :
MSVOA_D
ClientSampleId :
CON-A

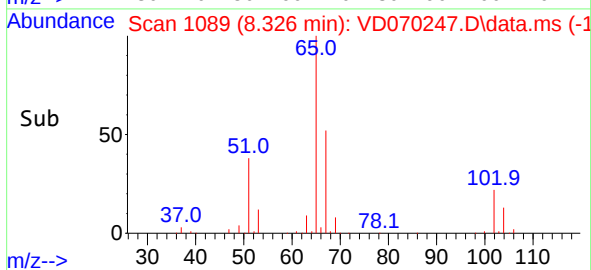
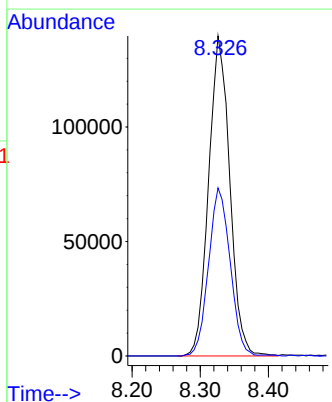
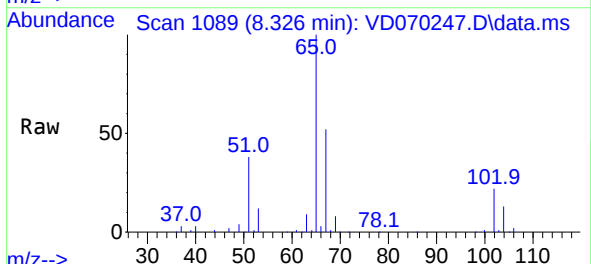


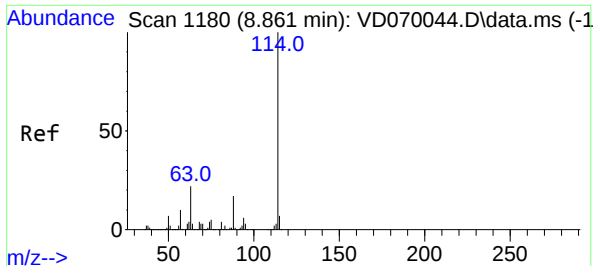
Tgt Ion:	84	Resp:	68484
Ion	Ratio	Lower	Upper
84	100		
49	109.4	92.5	138.7
51	35.4	29.7	44.5
86	61.9	51.7	77.5



#33
1,2-Dichloroethane-d4
Concen: 55.108 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Tgt Ion:	65	Resp:	301942
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.8

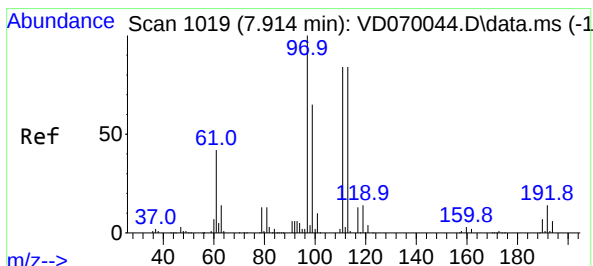
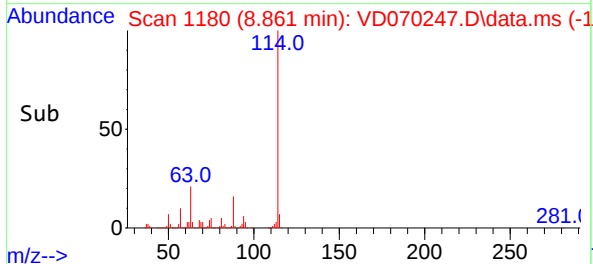
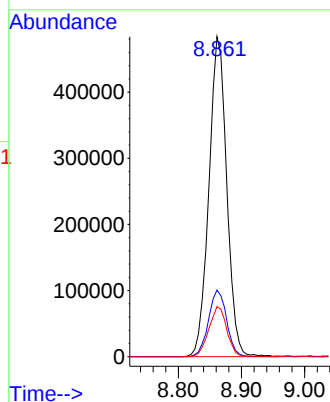
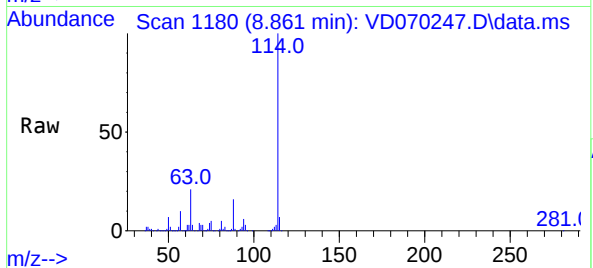




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

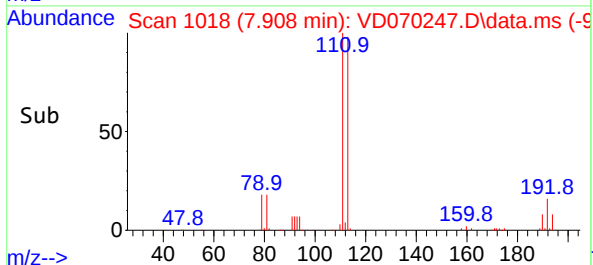
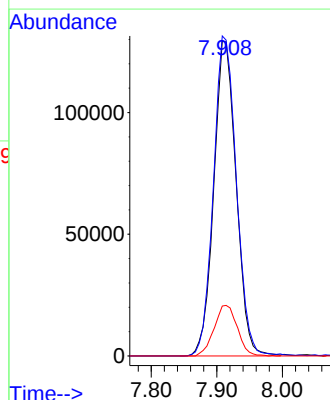
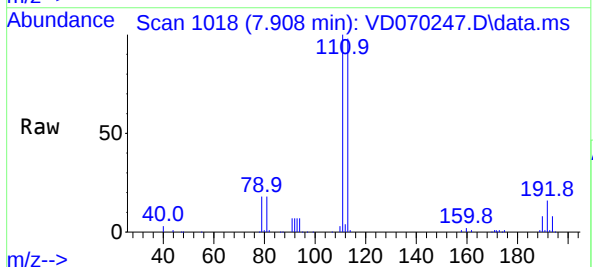
Instrument :
MSVOA_D
ClientSampleId :
CON-A

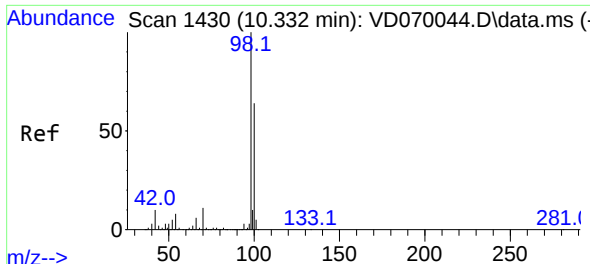
Tgt Ion:	114	Resp:	950294
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.6
88	15.6	0.0	33.4



#35
Dibromofluoromethane
Concen: 49.891 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Tgt Ion:	113	Resp:	306308
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.8	122.6
192	16.6	13.2	19.8

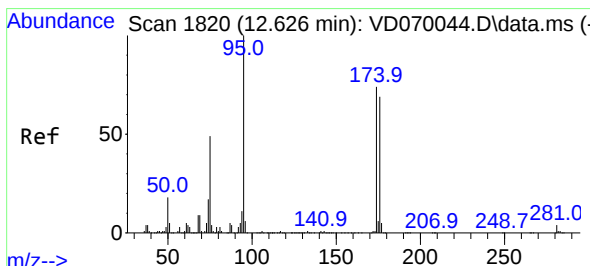
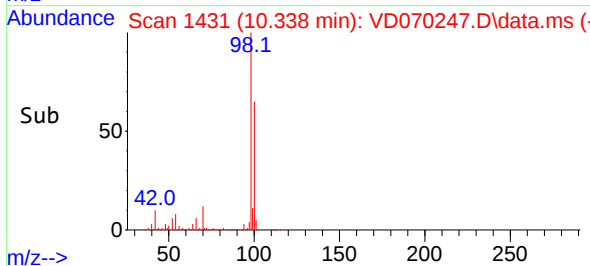
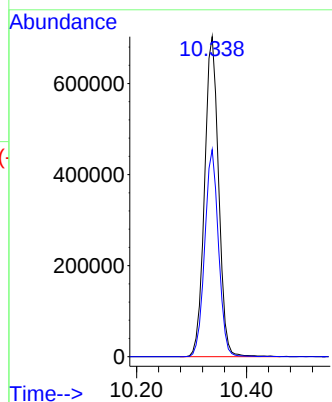
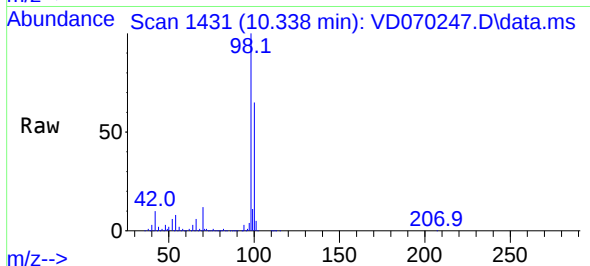




#50
Toluene-d8
Concen: 52.083 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

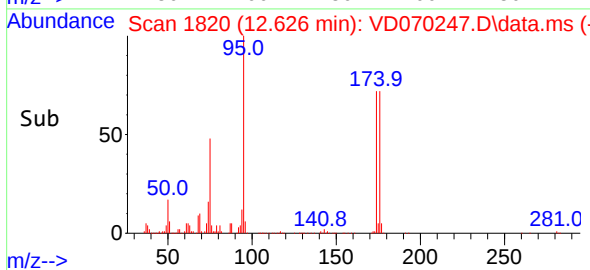
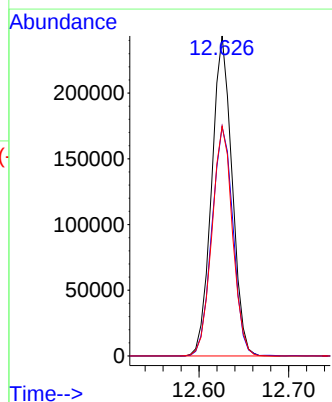
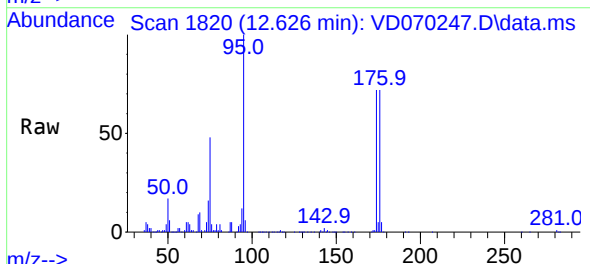
Instrument :
MSVOA_D
ClientSampleId :
CON-A

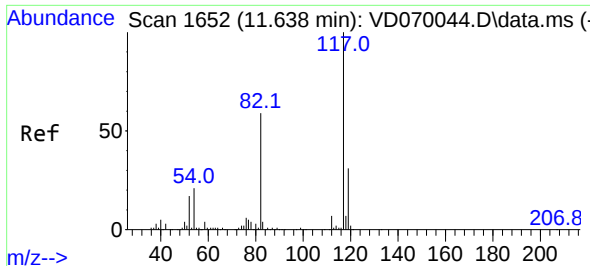
Tgt Ion: 98 Resp: 1243698
Ion Ratio Lower Upper
98 100
100 63.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.814 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Tgt Ion: 95 Resp: 383936
Ion Ratio Lower Upper
95 100
174 74.2 0.0 141.6
176 72.4 0.0 138.2

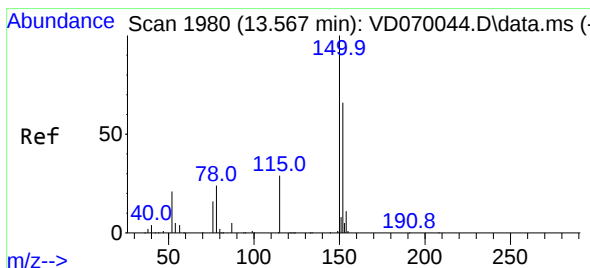
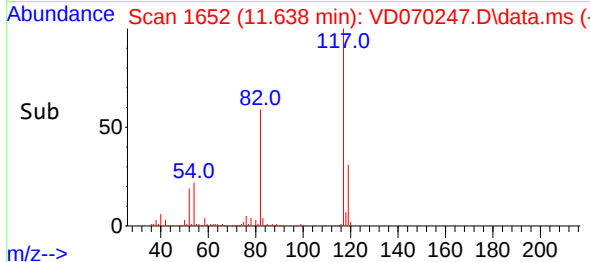
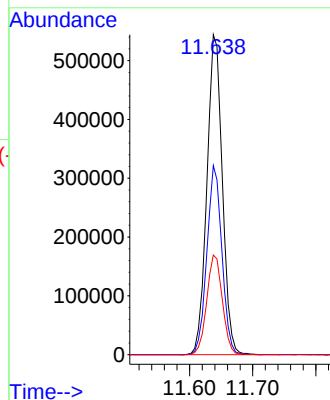
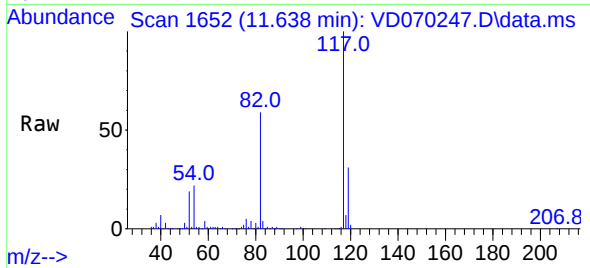




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070247.D
Acq: 25 Aug 2021 13:17

Instrument :
MSVOA_D
ClientSampleId :
CON-A

Tgt Ion:117 Resp: 922995
Ion Ratio Lower Upper
117 100
82 59.1 47.5 71.3
119 31.1 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: VD070247.D
Acq: 25 Aug 2021 13:17

Tgt Ion:152 Resp: 389585
Ion Ratio Lower Upper
152 100
115 61.2 31.2 93.6
150 157.3 0.0 352.0

