

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072645.D
 Acq On : 20 Apr 2022 14:14
 Operator : VA/SY
 Sample : N2445-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 282

Quant Time: Apr 21 01:50:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

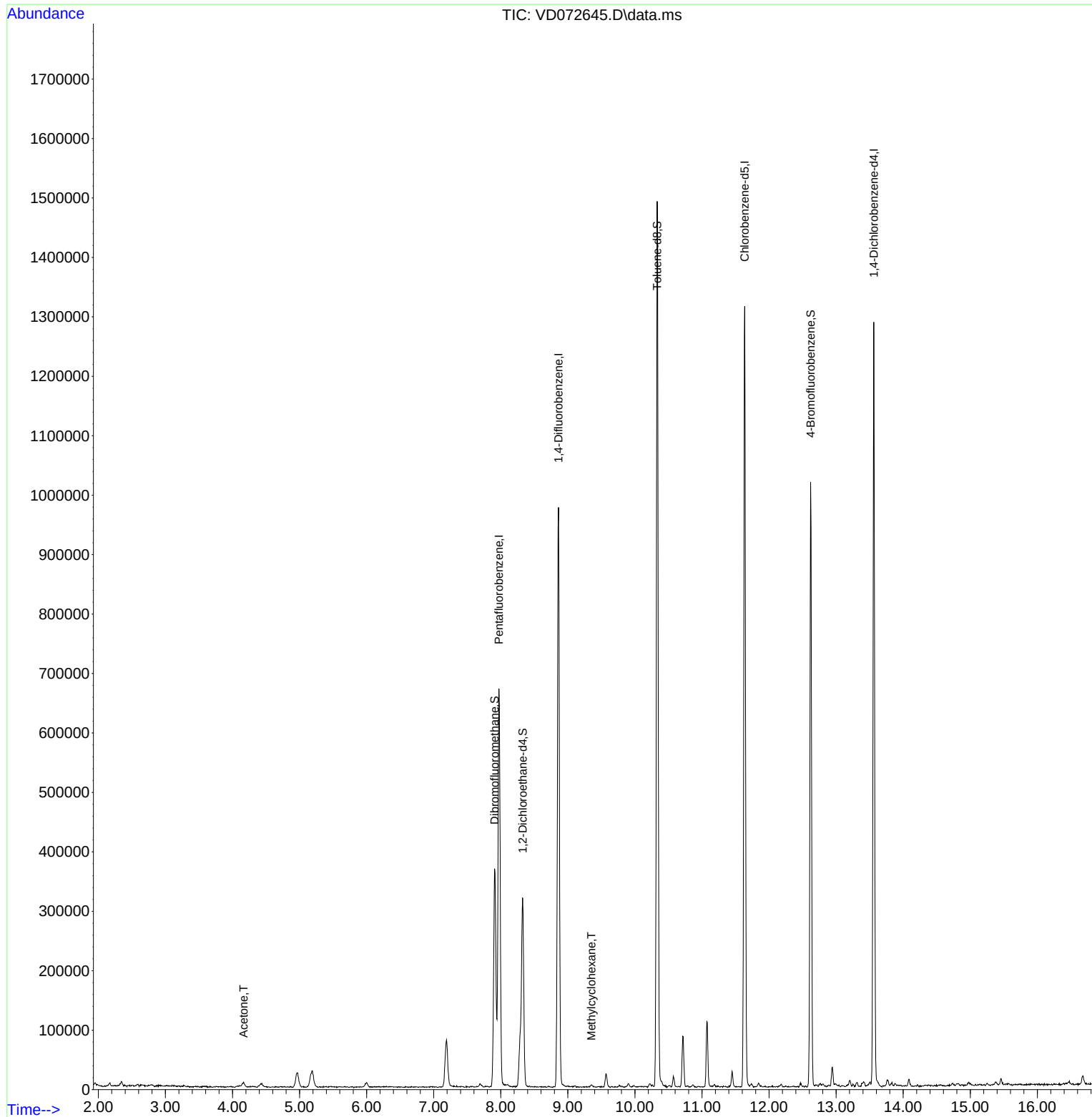
Internal Standards						
1) Pentafluorobenzene	7.973	168	488741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	864313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	785982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	334418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	254394	43.028	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.060%
35) Dibromofluoromethane	7.908	113	271022	40.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.700%
50) Toluene-d8	10.332	98	1022582	43.797	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.600%
62) 4-Bromofluorobenzene	12.620	95	329303	36.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.220%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	13569	12.308	ug/l	96
39) Methylcyclohexane	9.350	83	1854	3.051	ug/l #	79

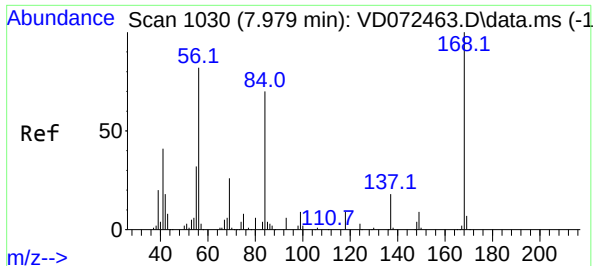
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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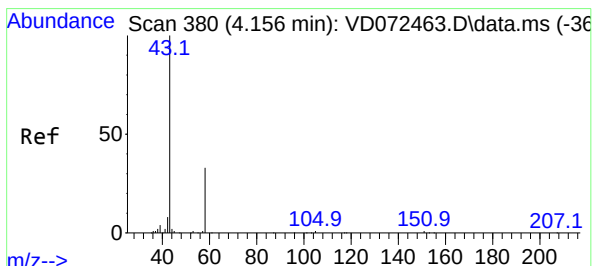
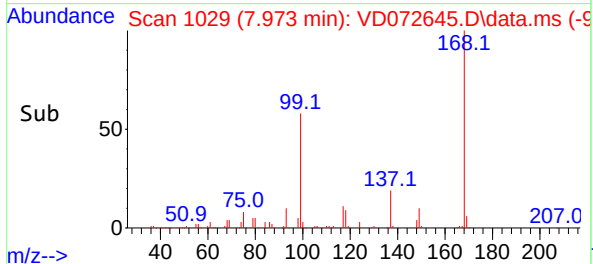
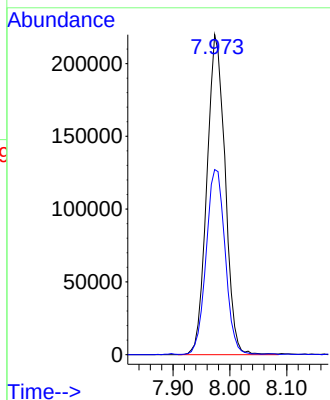
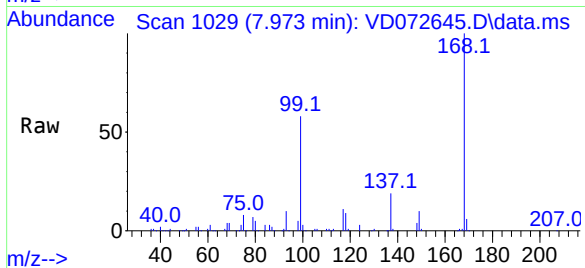




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072645.D
Acq: 20 Apr 2022 14:14

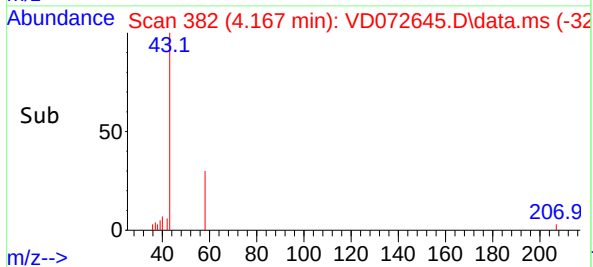
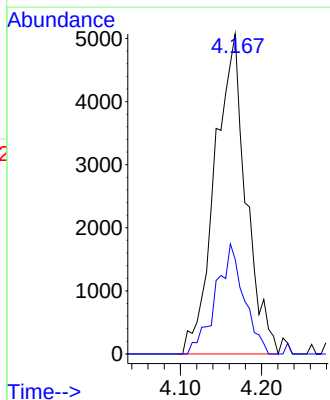
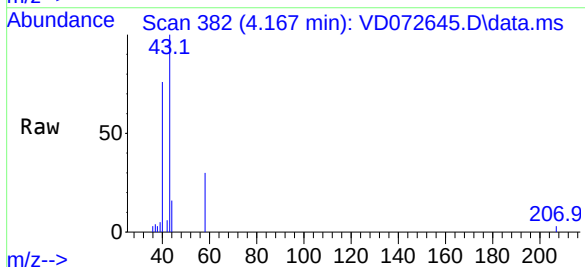
Instrument :
MSVOA_D
ClientSampleId :
282

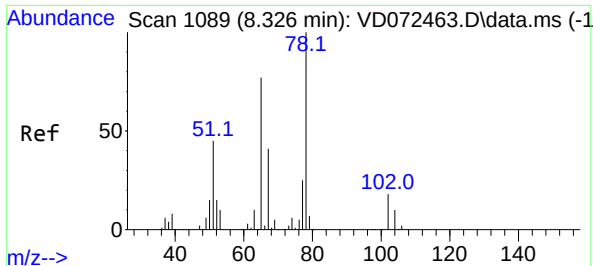
Tgt Ion:168 Resp: 488741
Ion Ratio Lower Upper
168 100
99 57.7 49.8 74.6



#16
Acetone
Concen: 12.308 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072645.D
Acq: 20 Apr 2022 14:14

Tgt Ion: 43 Resp: 13569
Ion Ratio Lower Upper
43 100
58 29.6 22.1 33.1

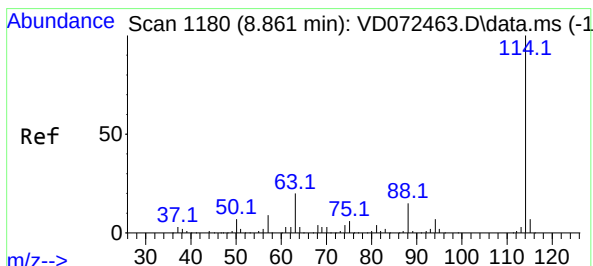
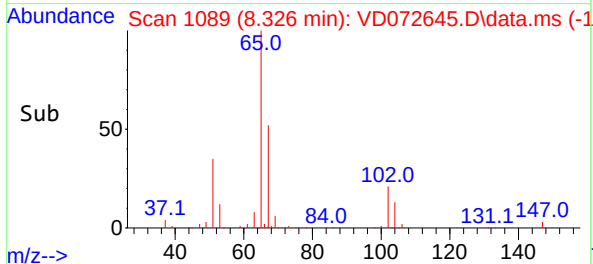
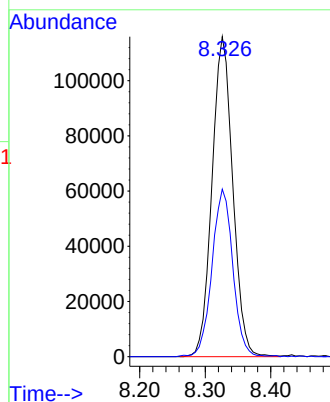
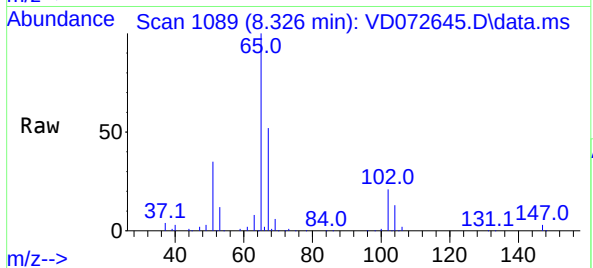




#33
1,2-Dichloroethane-d4
Concen: 43.028 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072645.D
Acq: 20 Apr 2022 14:14

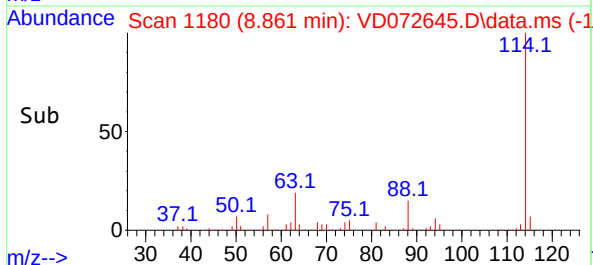
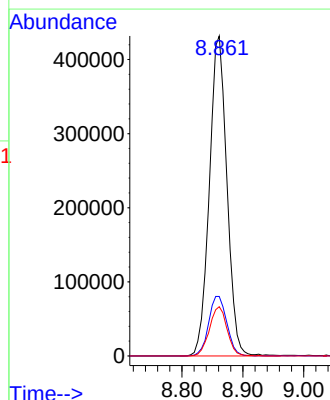
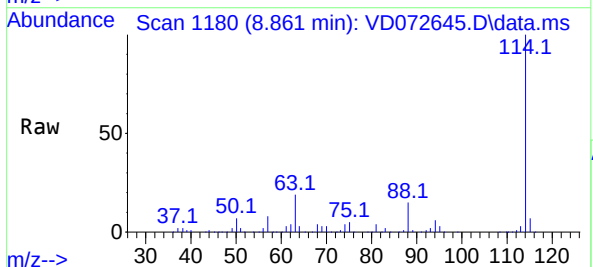
Instrument :
MSVOA_D
ClientSampleId :
282

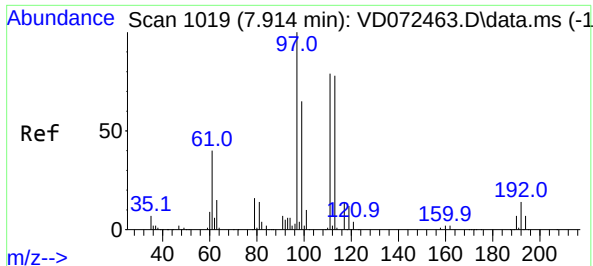
Tgt Ion: 65 Resp: 254394
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072645.D
Acq: 20 Apr 2022 14:14

Tgt Ion: 114 Resp: 864313
Ion Ratio Lower Upper
114 100
63 18.6 0.0 46.6
88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 40.349 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072645.D

Acq: 20 Apr 2022 14:14

Instrument :

MSVOA_D

ClientSampleId :

282

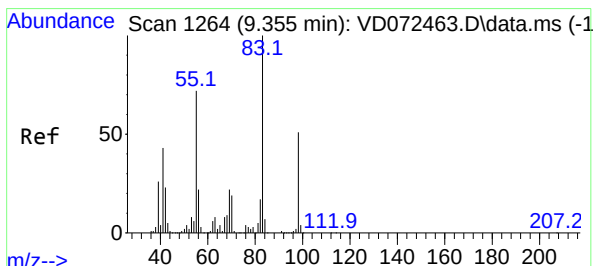
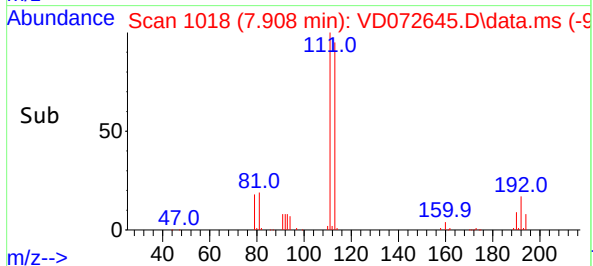
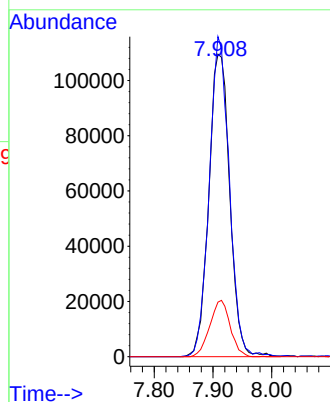
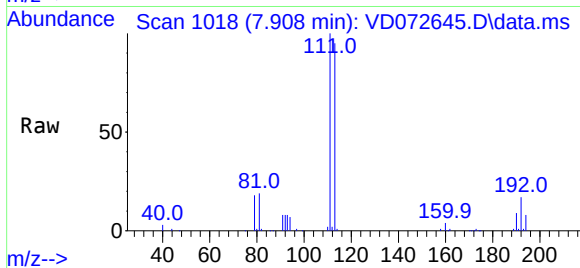
Tgt Ion:113 Resp: 271022

Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 18.1 14.6 21.8



#39

Methylcyclohexane

Concen: 3.051 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.005 min

Lab File: VD072645.D

Acq: 20 Apr 2022 14:14

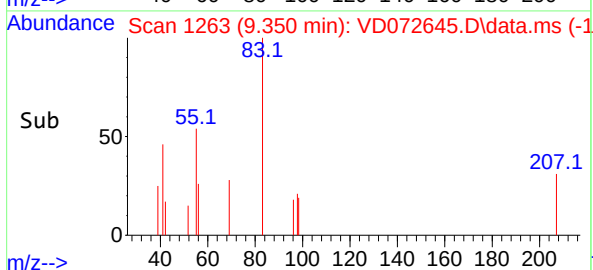
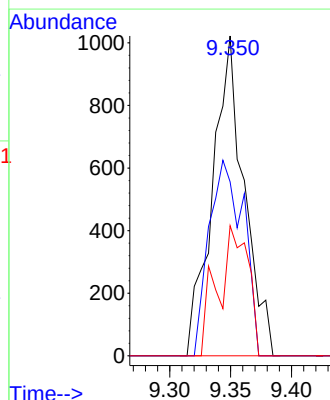
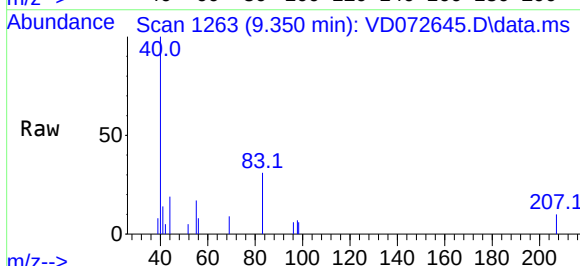
Tgt Ion: 83 Resp: 1854

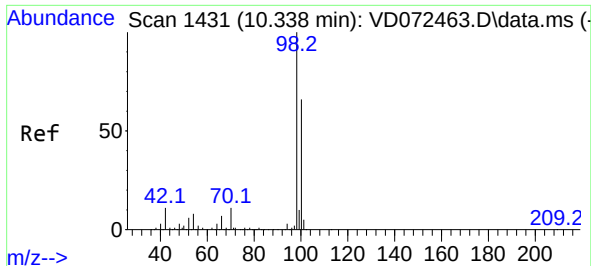
Ion Ratio Lower Upper

83 100

55 54.4 63.2 94.8#

98 40.7 38.2 57.4

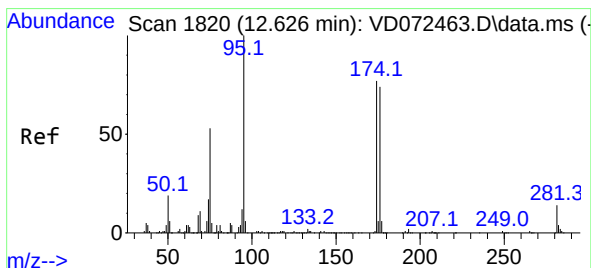
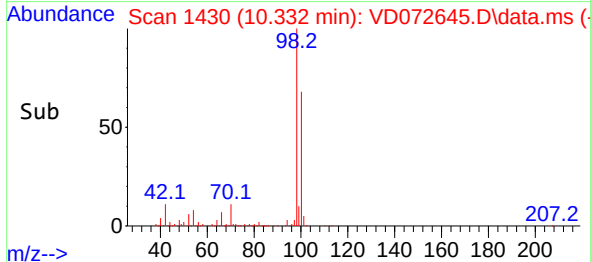
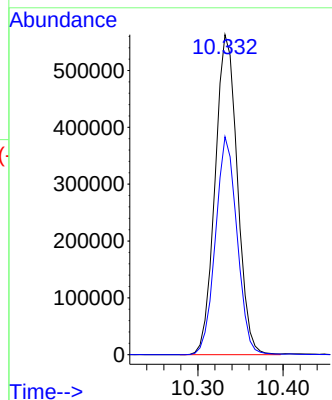
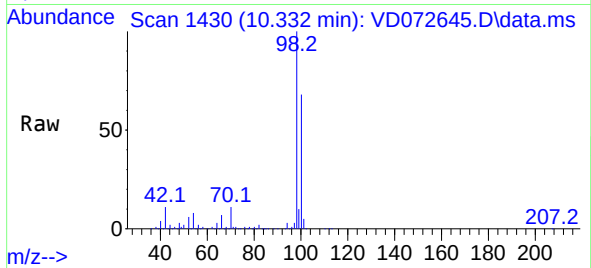




#50
Toluene-d8
Concen: 43.797 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072645.D
Acq: 20 Apr 2022 14:14

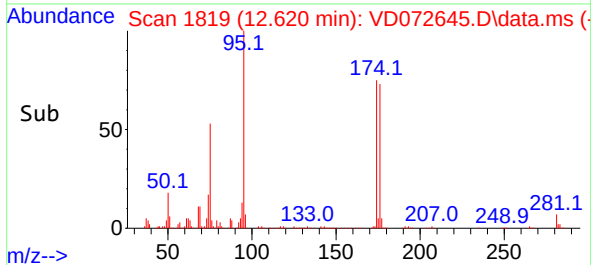
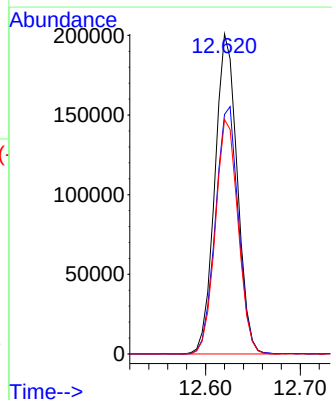
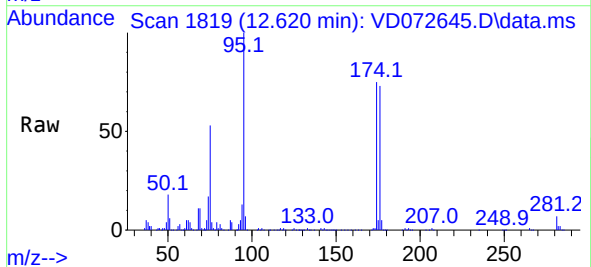
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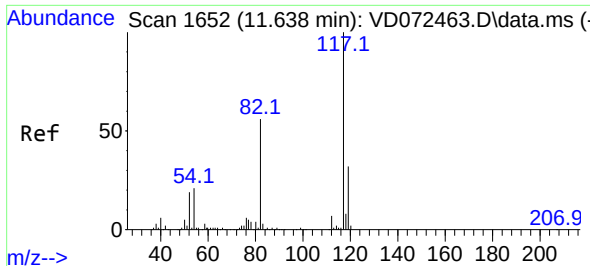
Tgt Ion: 98 Resp: 1022582
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 36.113 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072645.D
Acq: 20 Apr 2022 14:14

Tgt Ion: 95 Resp: 329303
Ion Ratio Lower Upper
95 100
174 79.4 0.0 152.8
176 74.5 0.0 145.4

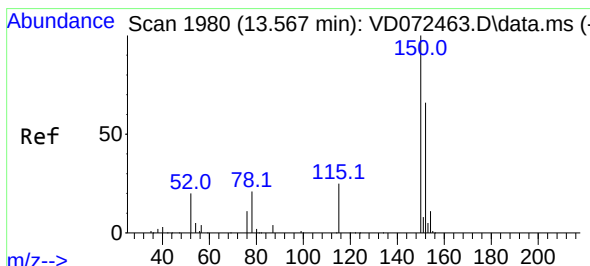
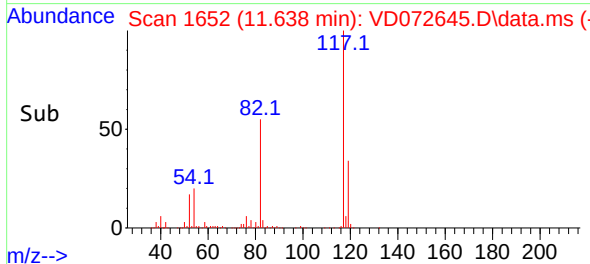
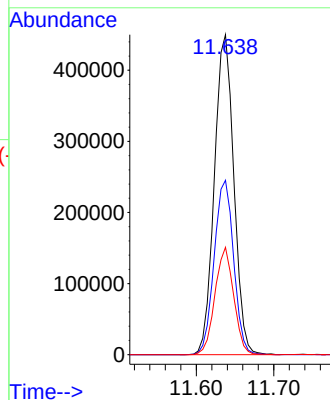
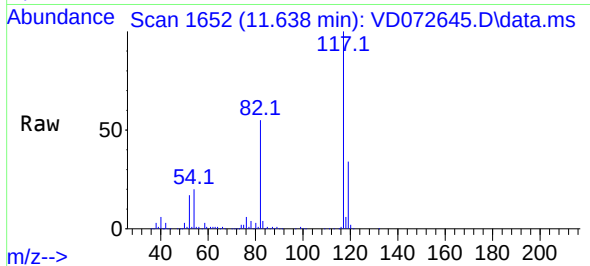




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072645.D
Acq: 20 Apr 2022 14:14

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:	117	Resp:	785982
Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.3	67.9
119	33.6	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072645.D
Acq: 20 Apr 2022 14:14

Tgt Ion:	152	Resp:	334418
Ion	Ratio	Lower	Upper
152	100		
115	60.0	31.3	93.8
150	157.1	0.0	348.6

