

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072345.D
 Acq On : 21 Mar 2022 17:33
 Operator : VA/SY
 Sample : N1962-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-16-15-16RE

Quant Time: Mar 22 03:15:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

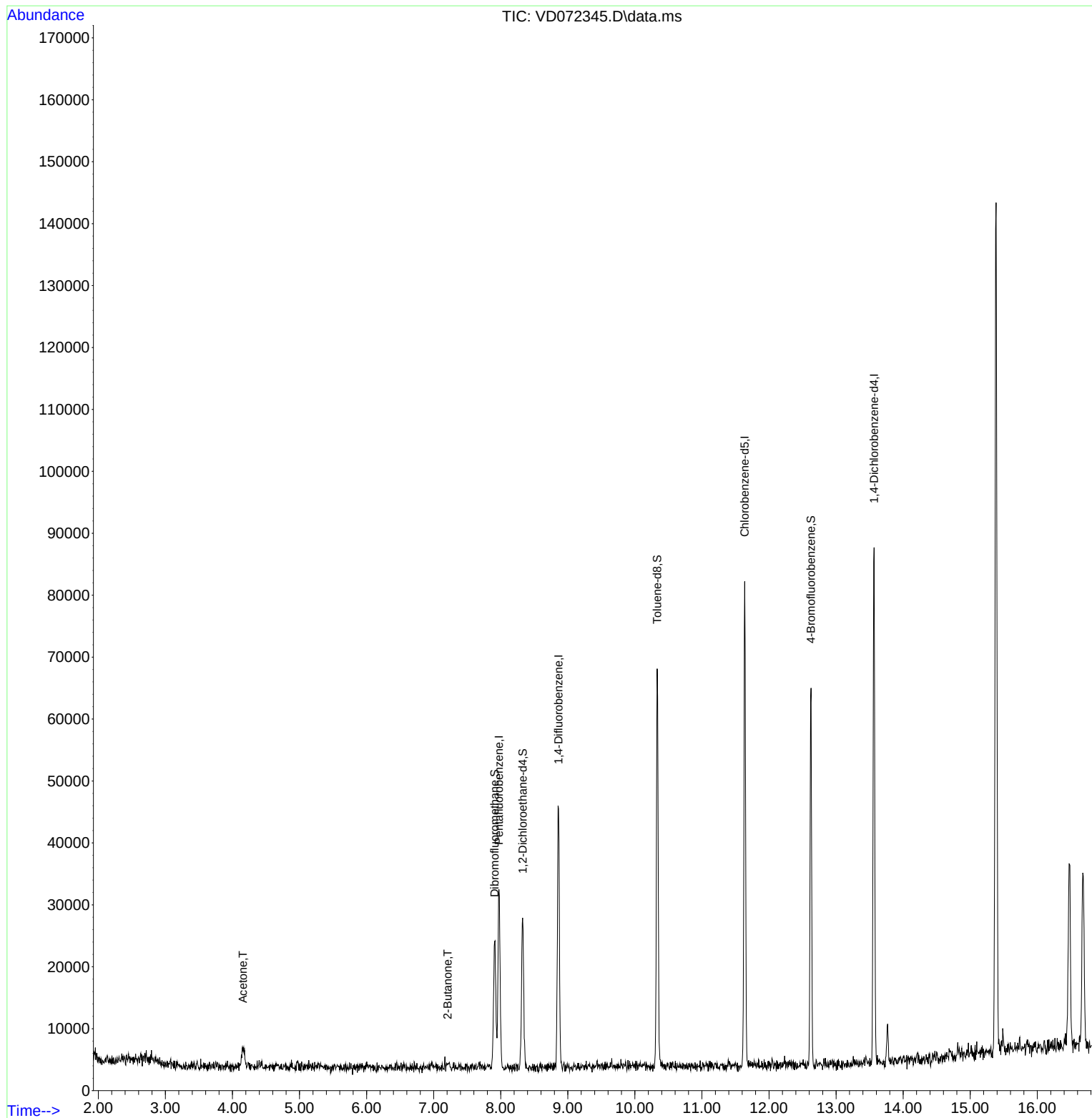
Internal Standards						
1) Pentafluorobenzene	7.973	168	21807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	35481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	44554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	22072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	19279	79.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 158.660%	
35) Dibromofluoromethane	7.909	113	14830	59.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.800%	
50) Toluene-d8	10.332	98	45153	49.457	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.920%	
62) 4-Bromofluorobenzene	12.626	95	19014	53.600	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.200%	
Target Compounds						
16) Acetone	4.156	43	5871	111.265	ug/l	Qvalue # 80
25) 2-Butanone	7.209	43	1387	19.715	ug/l	94

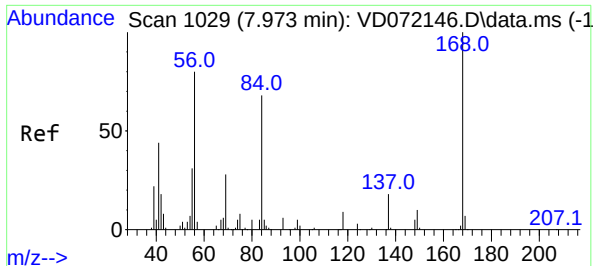
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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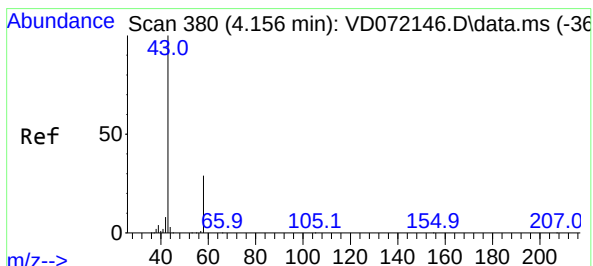
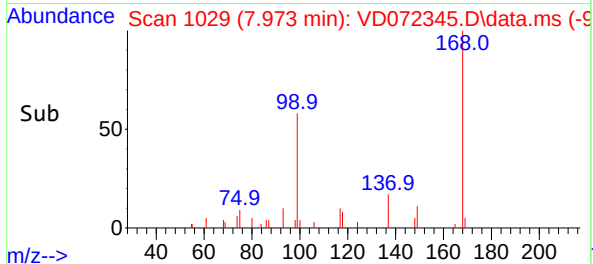
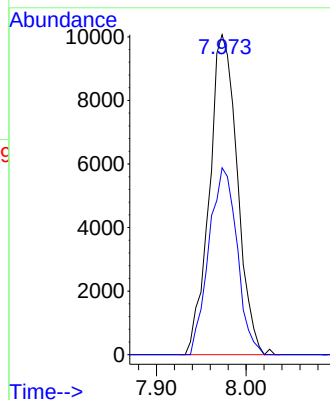
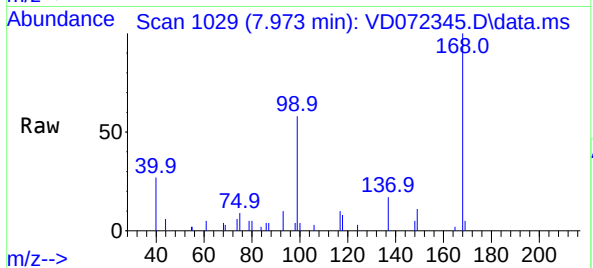




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072345.D
Acq: 21 Mar 2022 17:33

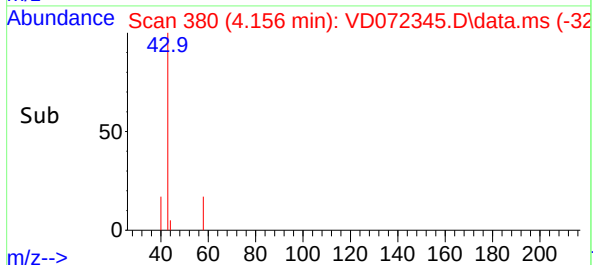
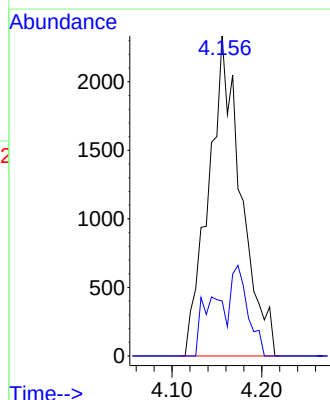
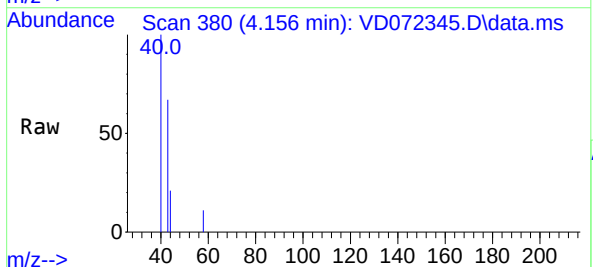
Instrument :
MSVOA_D
ClientSampleId :
C-16-15-16RE

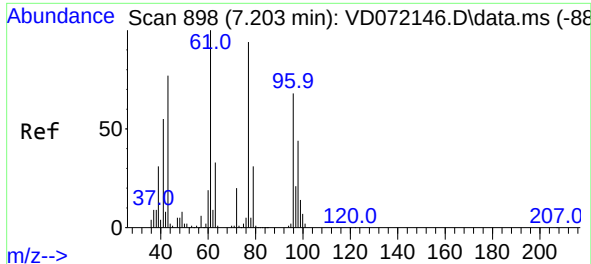
Tgt Ion:168 Resp: 21807
Ion Ratio Lower Upper
168 100
99 58.4 49.8 74.6



#16
Acetone
Concen: 111.265 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072345.D
Acq: 21 Mar 2022 17:33

Tgt Ion: 43 Resp: 5871
Ion Ratio Lower Upper
43 100
58 17.2 22.1 33.1#

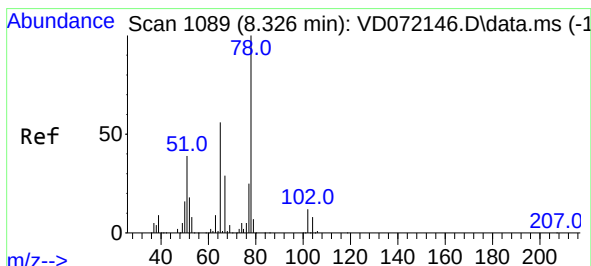
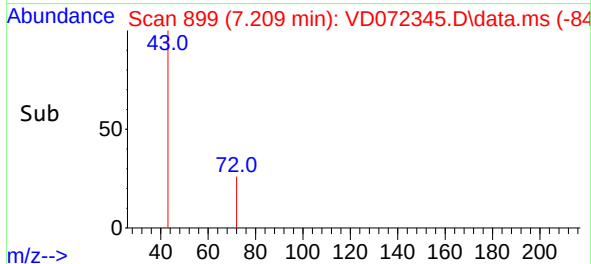
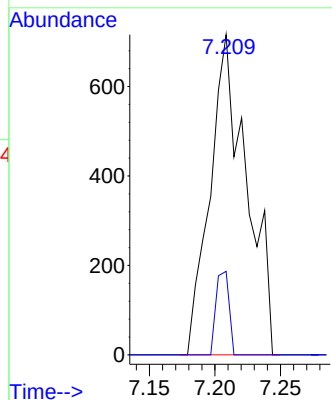
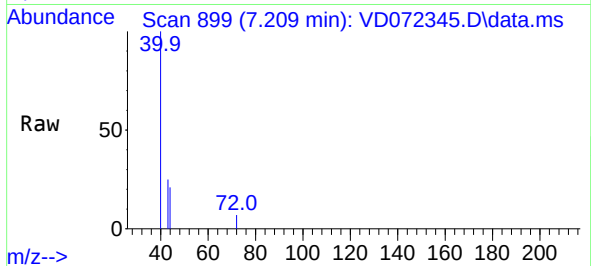




#25
2-Butanone
Concen: 19.715 ug/l
RT: 7.209 min Scan# 898
Delta R.T. 0.006 min
Lab File: VD072345.D
Acq: 21 Mar 2022 17:33

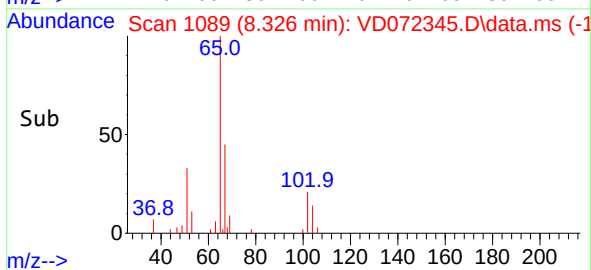
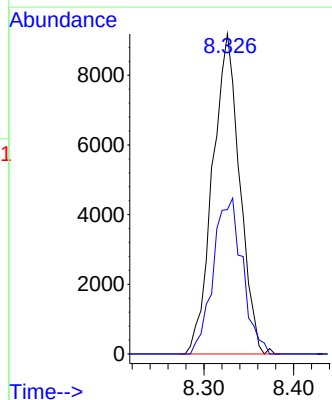
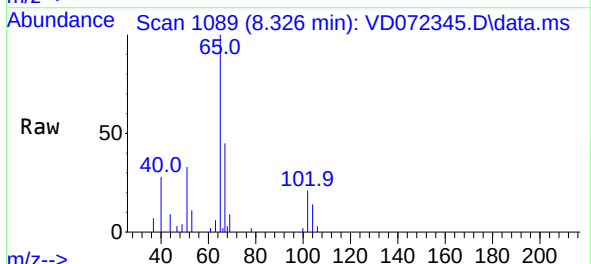
Instrument :
MSVOA_D
ClientSampleId :
C-16-15-16RE

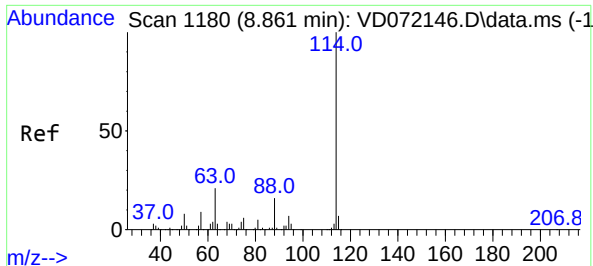
Tgt Ion: 43 Resp: 1387
Ion Ratio Lower Upper
43 100
72 26.1 18.6 27.8



#33
1,2-Dichloroethane-d4
Concen: 79.329 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072345.D
Acq: 21 Mar 2022 17:33

Tgt Ion: 65 Resp: 19279
Ion Ratio Lower Upper
65 100
67 52.3 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: VD072345.D

Acq: 21 Mar 2022 17:33

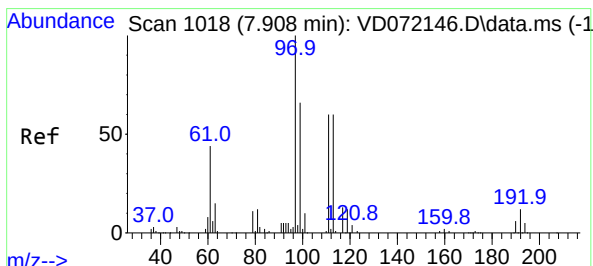
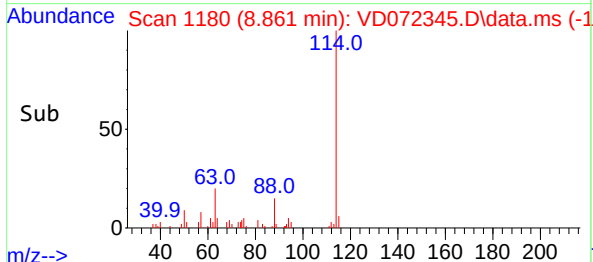
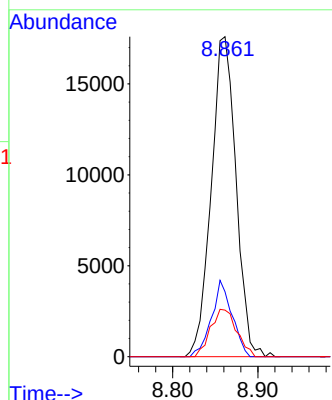
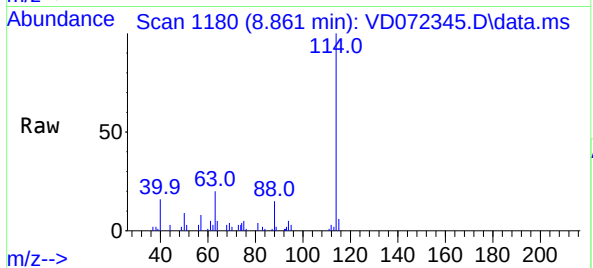
Instrument :

MSVOA_D

ClientSampleId :

C-16-15-16RE

Tgt Ion:	114	Resp:	35481
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	46.6
88	14.5	0.0	33.2



#35

Dibromofluoromethane

Concen: 59.395 ug/l

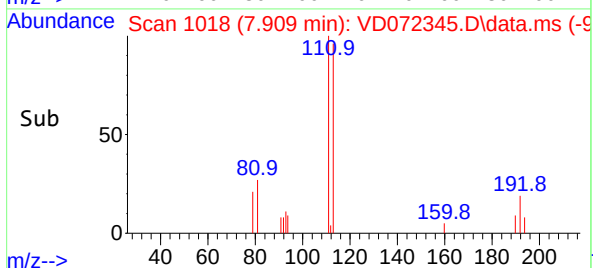
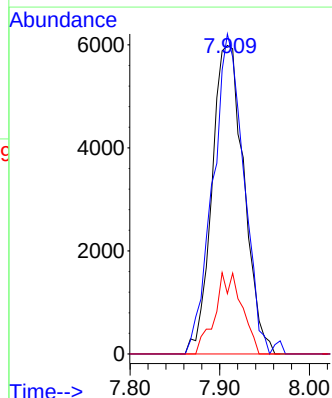
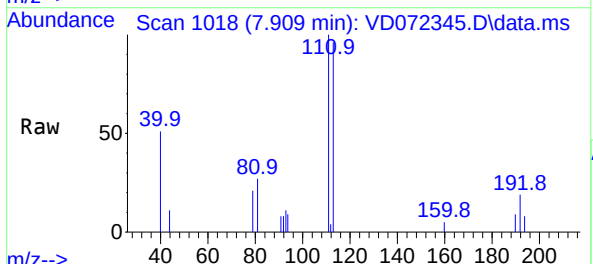
RT: 7.909 min Scan# 1018

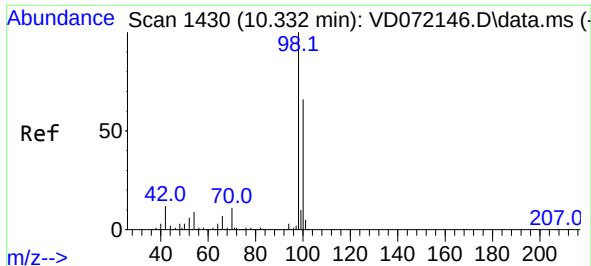
Delta R.T. 0.000 min

Lab File: VD072345.D

Acq: 21 Mar 2022 17:33

Tgt Ion:	113	Resp:	14830
Ion	Ratio	Lower	Upper
113	100		
111	100.2	83.8	125.6
192	22.1	14.6	21.8

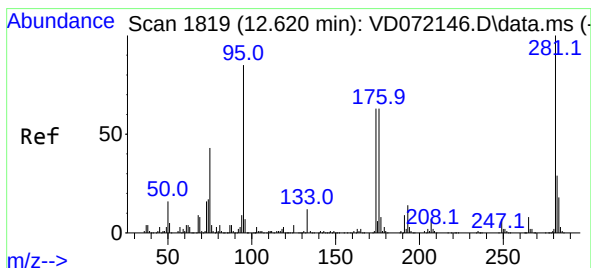
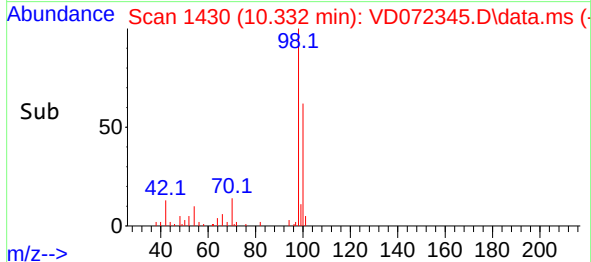
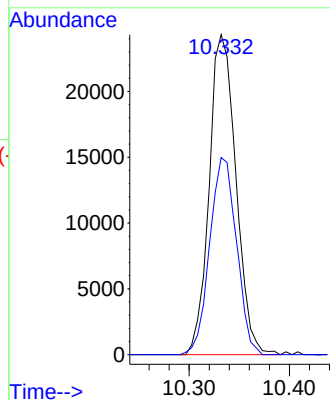
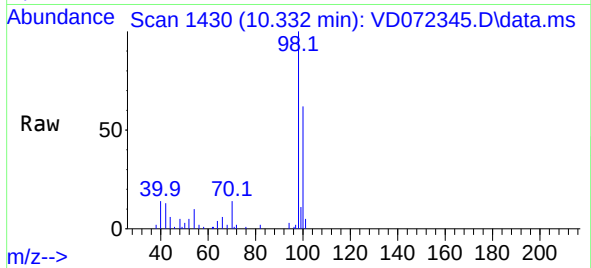




#50
Toluene-d8
Concen: 49.457 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072345.D
Acq: 21 Mar 2022 17:33

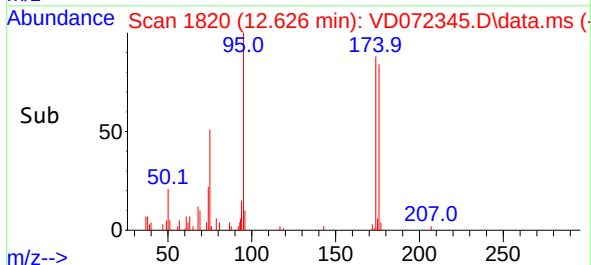
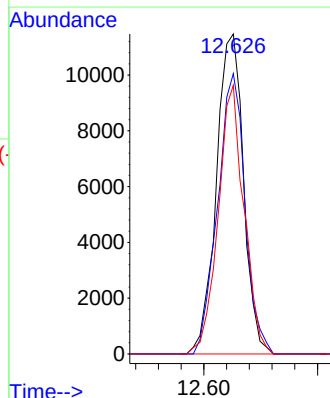
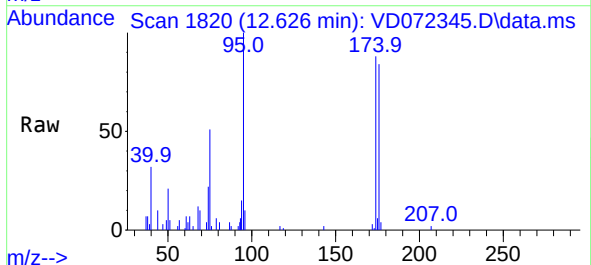
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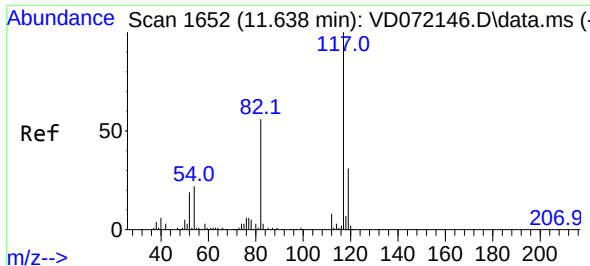
Tgt Ion: 98 Resp: 45153
Ion Ratio Lower Upper
98 100
100 61.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.600 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072345.D
Acq: 21 Mar 2022 17:33

Tgt Ion: 95 Resp: 19014
Ion Ratio Lower Upper
95 100
174 88.3 0.0 152.8
176 80.0 0.0 145.4

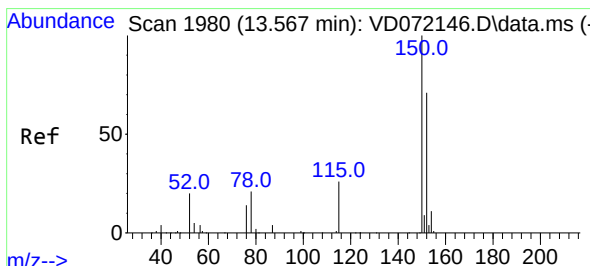
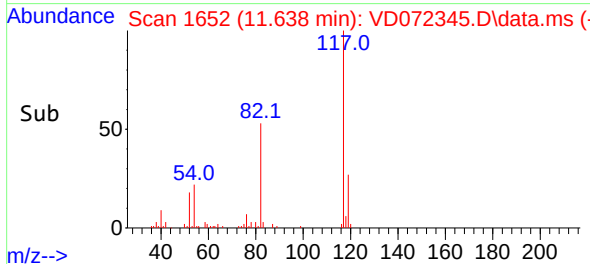
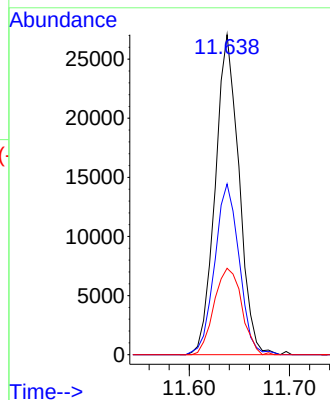
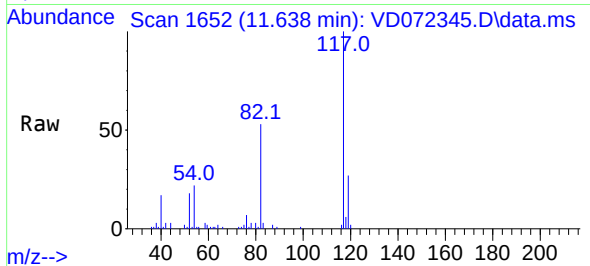




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072345.D
Acq: 21 Mar 2022 17:33

Instrument :
MSVOA_D
ClientSampleId :
C-16-15-16RE

Tgt Ion:	117	Resp:	44554
Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.3	67.9
119	27.0	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072345.D
Acq: 21 Mar 2022 17:33

Tgt Ion:	152	Resp:	22072
Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.3	93.8
150	158.4	0.0	348.6

