

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072297.D
 Acq On : 18 Mar 2022 18:39
 Operator : VA/SY
 Sample : N1962-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 19 05:27:14 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)

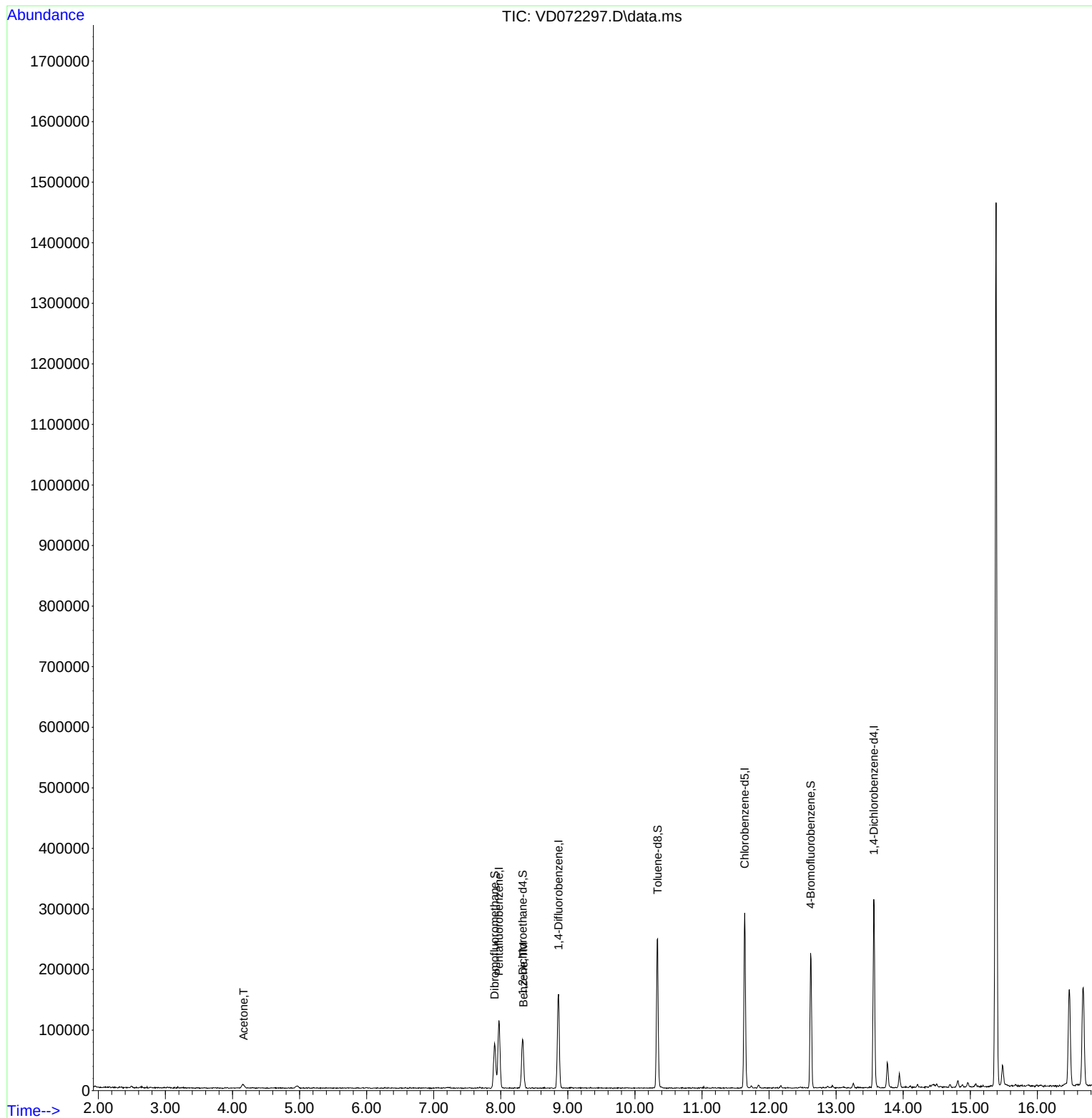
Internal Standards						
1) Pentafluorobenzene	7.973	168	77632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	129960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	161779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	83055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	65805	76.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.120%
35) Dibromofluoromethane	7.908	113	53584	58.591	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.180%
50) Toluene-d8	10.338	98	163986	49.039	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.080%
62) 4-Bromofluorobenzene	12.620	95	75959	58.460	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.920%
Target Compounds						
16) Acetone	4.167	43	11703	62.301	ug/l	92
40) Benzene	8.338	78	3898	1.065	ug/l	97

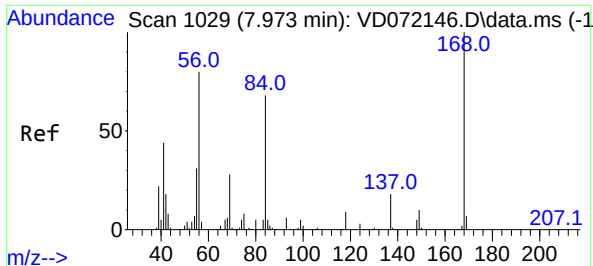
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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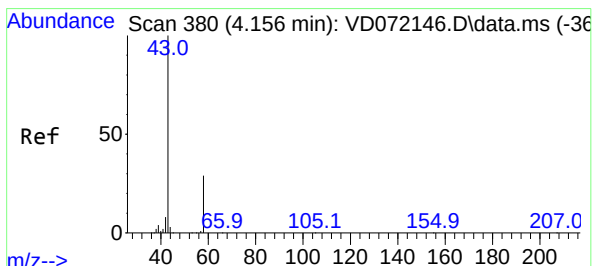
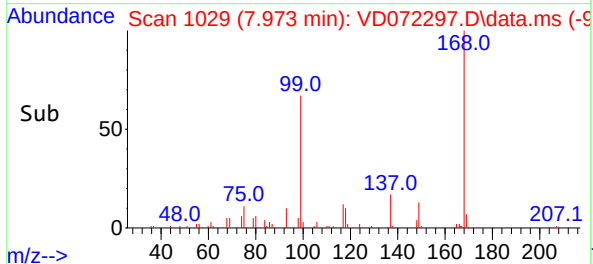
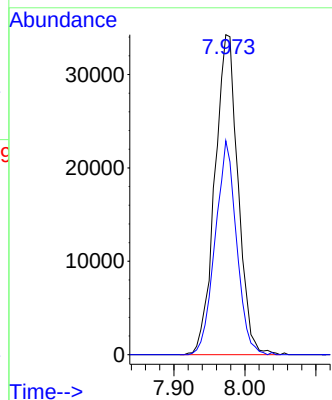
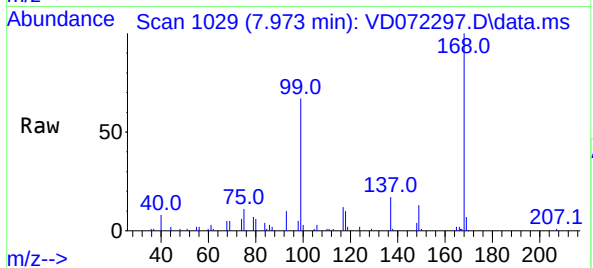




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072297.D
Acq: 18 Mar 2022 18:39

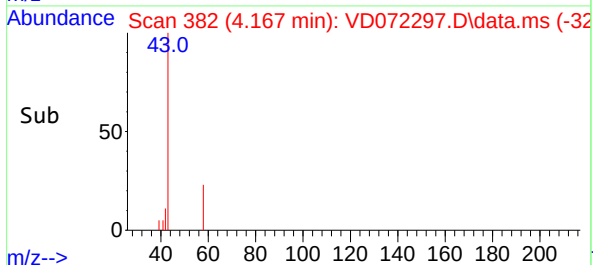
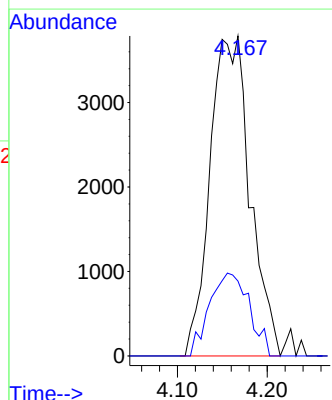
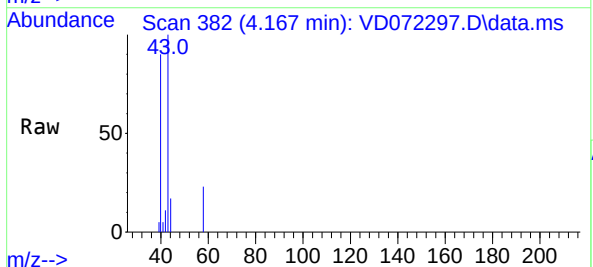
Instrument :
MSVOA_D
ClientSampleId :
C-16-15-16

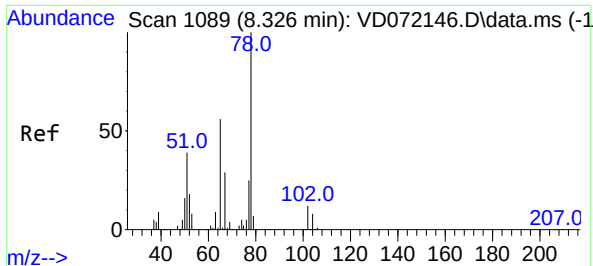
Tgt Ion:168 Resp: 77632
Ion Ratio Lower Upper
168 100
99 66.8 49.8 74.6



#16
Acetone
Concen: 62.301 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072297.D
Acq: 18 Mar 2022 18:39

Tgt Ion: 43 Resp: 11703
Ion Ratio Lower Upper
43 100
58 23.4 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 76.061 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072297.D

Acq: 18 Mar 2022 18:39

Instrument :

MSVOA_D

ClientSampleId :

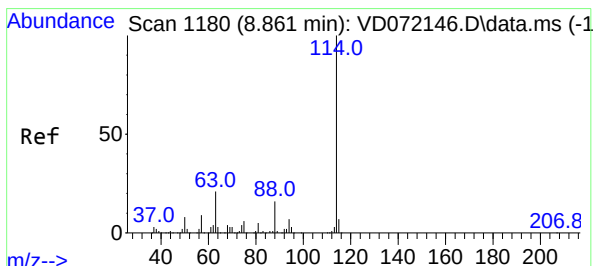
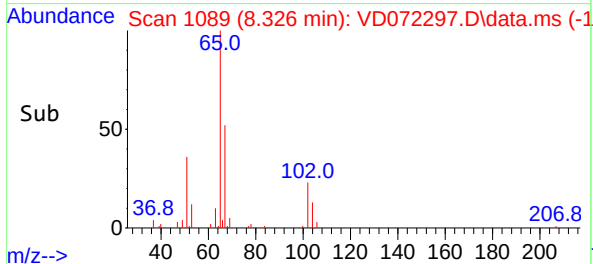
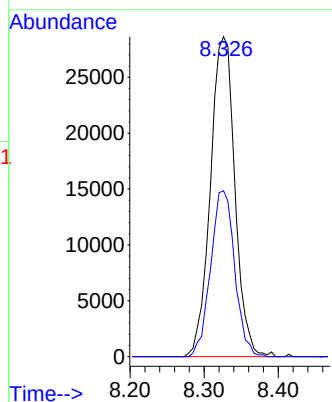
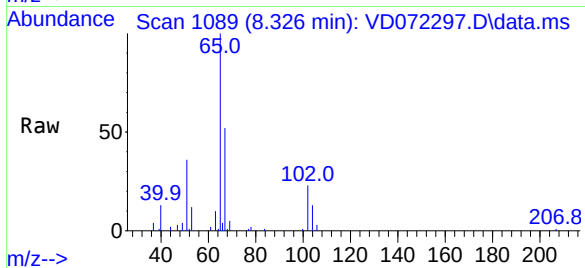
C-16-15-16

Tgt Ion: 65 Resp: 65805

Ion Ratio Lower Upper

65 100

67 50.9 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: VD072297.D

Acq: 18 Mar 2022 18:39

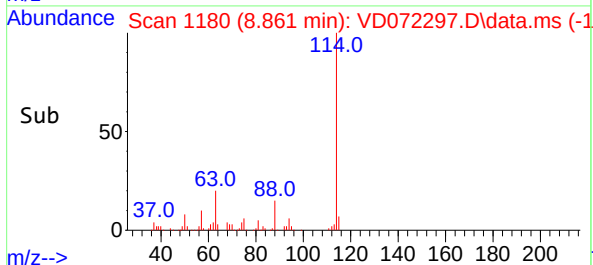
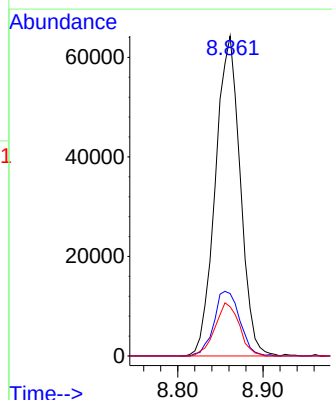
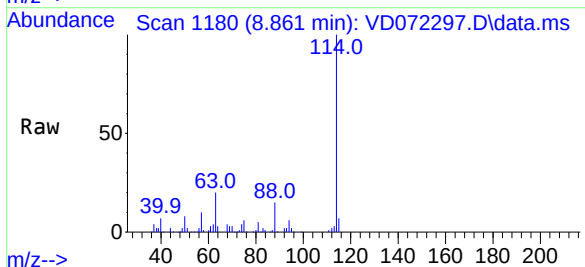
Tgt Ion: 114 Resp: 129960

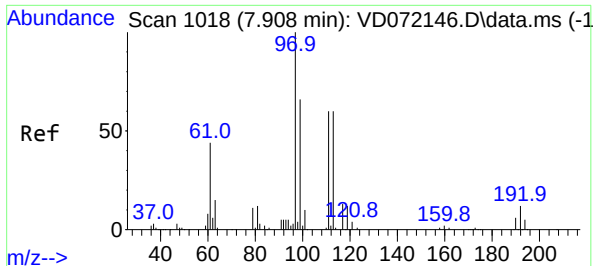
Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 15.4 0.0 33.2

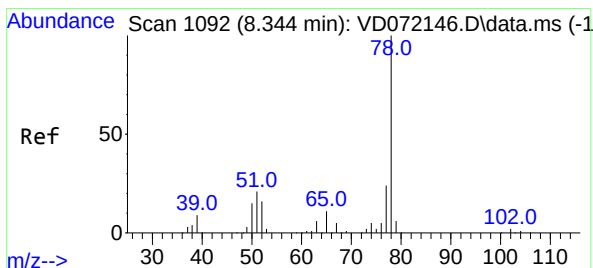
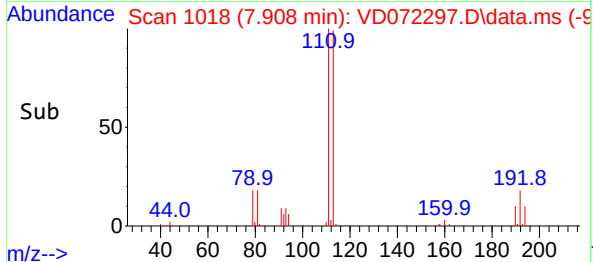
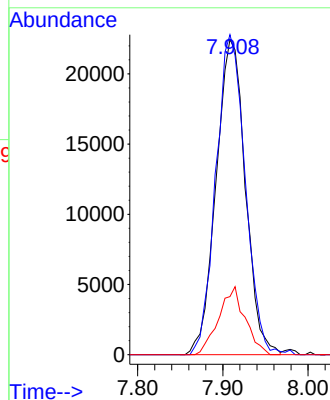
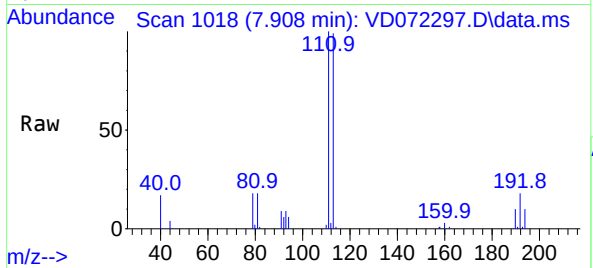




#35
Dibromofluoromethane
Concen: 58.591 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072297.D
Acq: 18 Mar 2022 18:39

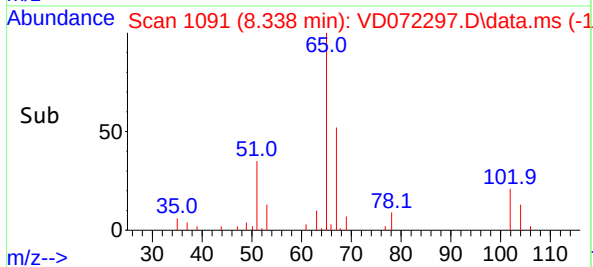
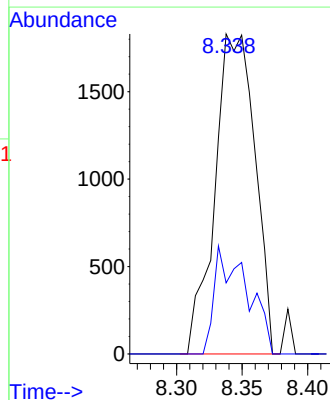
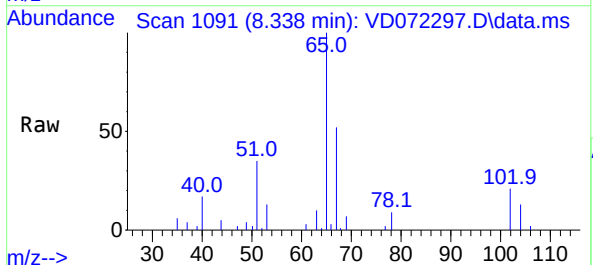
Instrument :
MSVOA_D
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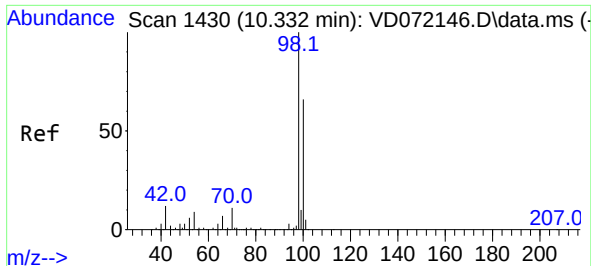
Tgt Ion:113 Resp: 53584
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 19.5 14.6 21.8



#40
Benzene
Concen: 1.065 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD072297.D
Acq: 18 Mar 2022 18:39

Tgt Ion: 78 Resp: 3898
Ion Ratio Lower Upper
78 100
77 22.2 19.1 28.7

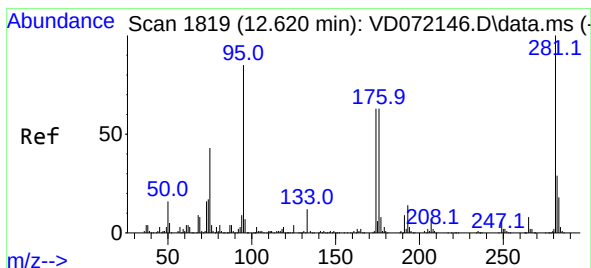
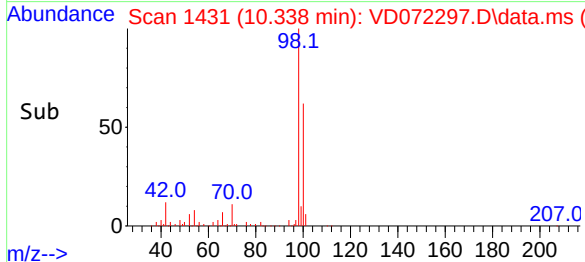
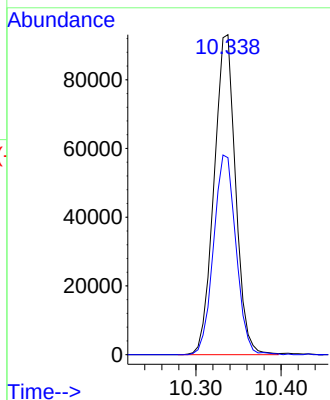
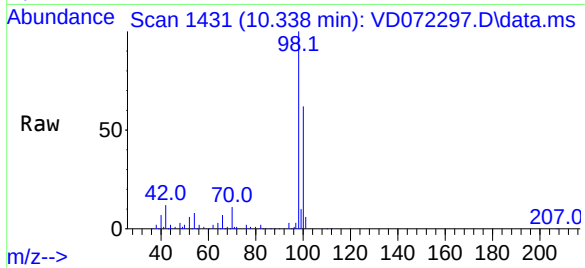




#50
Toluene-d8
Concen: 49.039 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072297.D
Acq: 18 Mar 2022 18:39

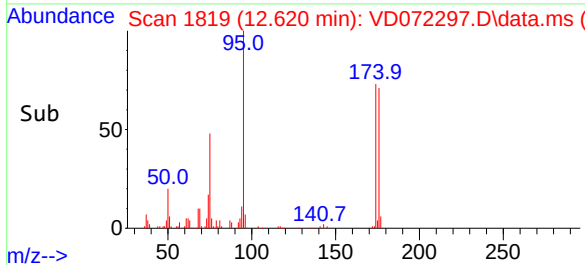
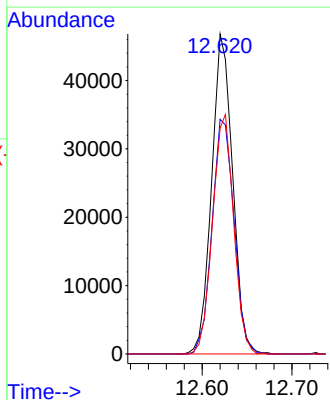
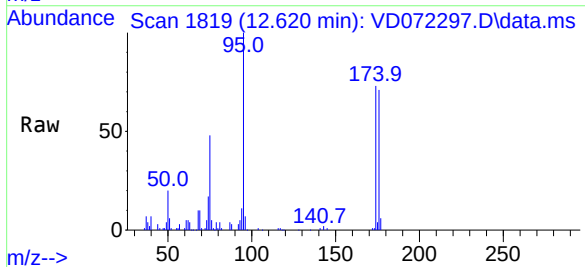
Instrument :
MSVOA_D
ClientSampleId :
C-16-15-16

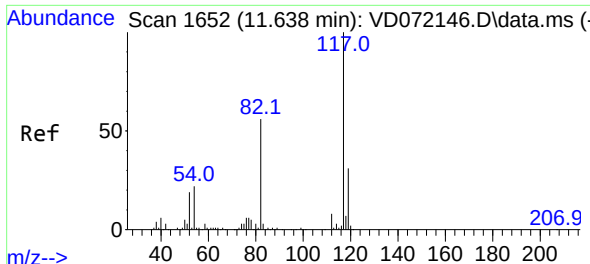
Tgt Ion: 98 Resp: 163986
Ion Ratio Lower Upper
98 100
100 64.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.460 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072297.D
Acq: 18 Mar 2022 18:39

Tgt Ion: 95 Resp: 75959
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 75.2 0.0 145.4

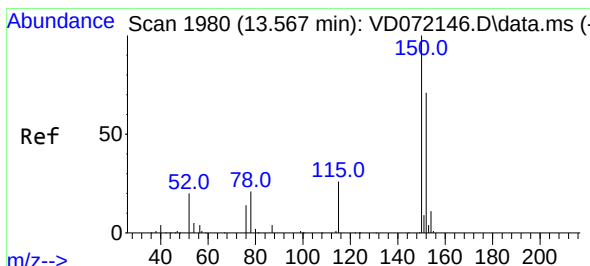
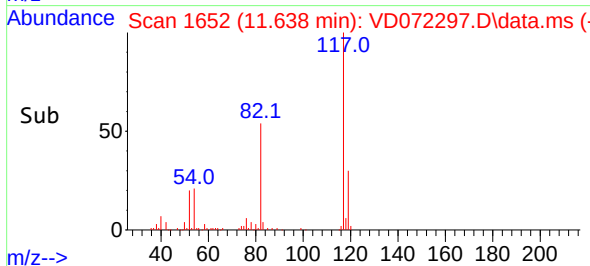
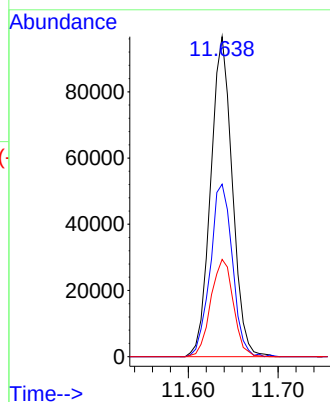
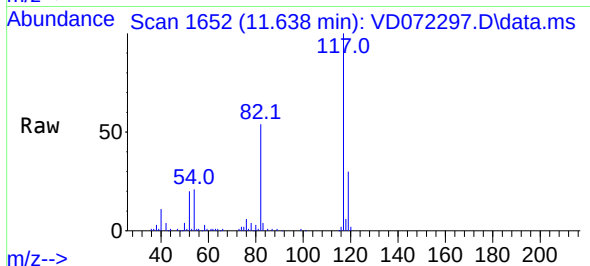




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072297.D
Acq: 18 Mar 2022 18:39

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

Tgt Ion:117 Resp: 161779
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 30.4 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: VD072297.D
Acq: 18 Mar 2022 18:39

Tgt Ion:152 Resp: 83055
Ion Ratio Lower Upper
152 100
115 59.7 31.3 93.8
150 155.8 0.0 348.6

