

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072301.D
 Acq On : 18 Mar 2022 20:34
 Operator : VA/SY
 Sample : N1962-07
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-20-19-21

Quant Time: Mar 19 05:28:42 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)

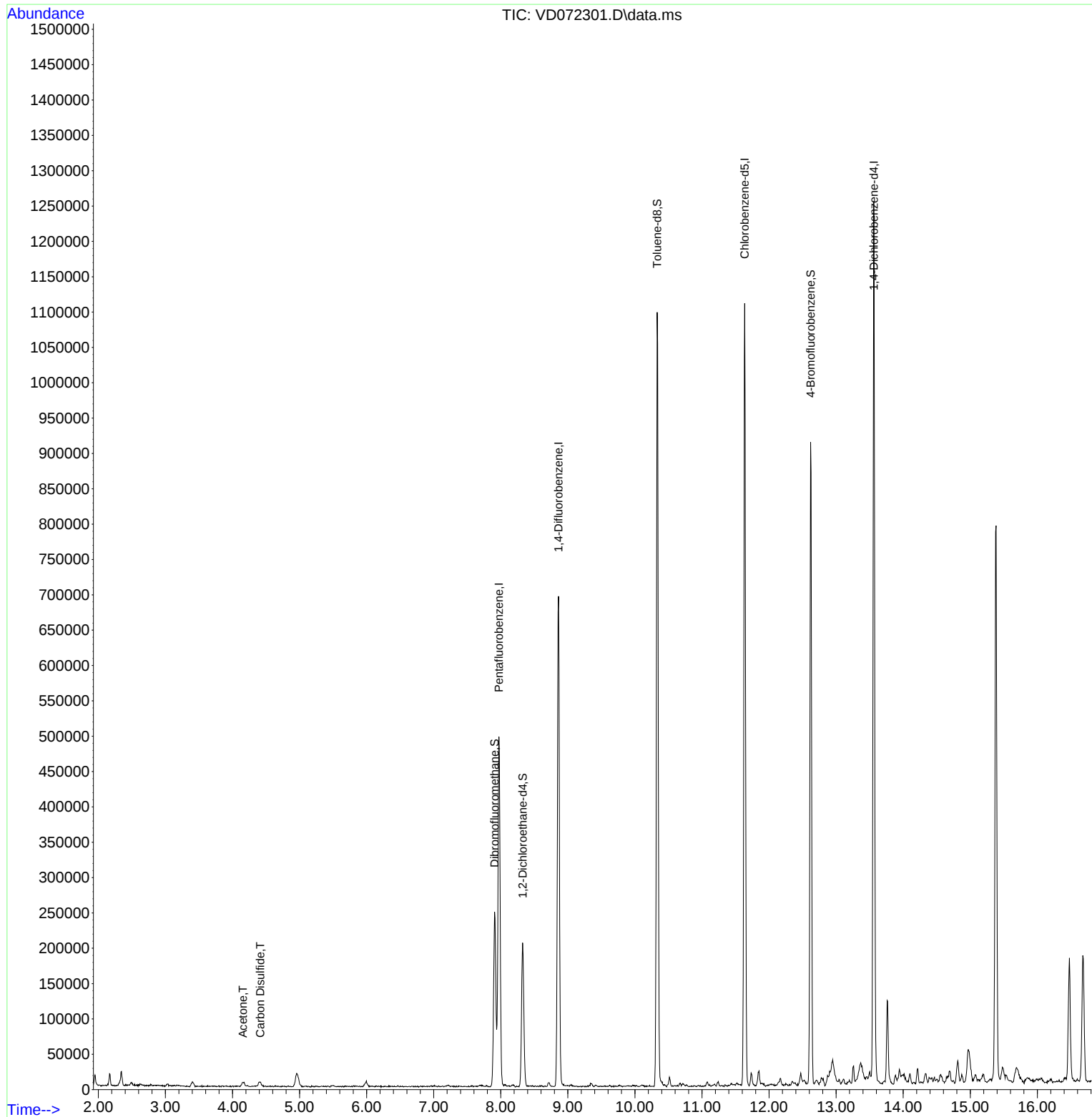
Internal Standards						
1) Pentafluorobenzene	7.973	168	356468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	590581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	627908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	322908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	161022	40.533	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.060%
35) Dibromofluoromethane	7.908	113	177718	42.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.520%
50) Toluene-d8	10.332	98	737664	48.542	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.620	95	306551	51.917	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.840%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	11085	12.852	ug/l	92
17) Carbon Disulfide	4.414	76	14357	3.323	ug/l	97

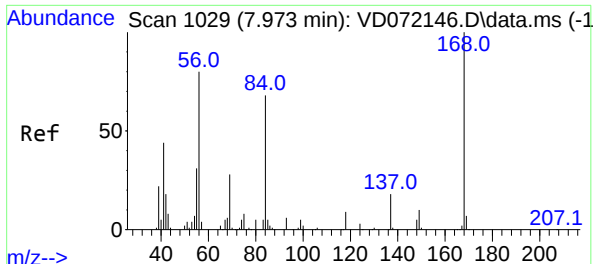
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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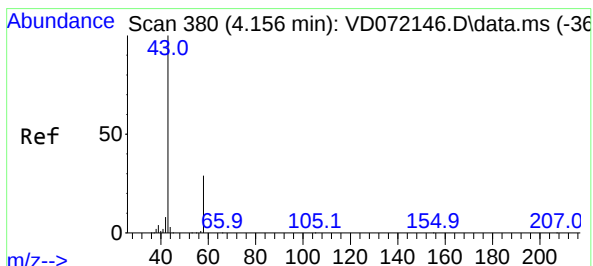
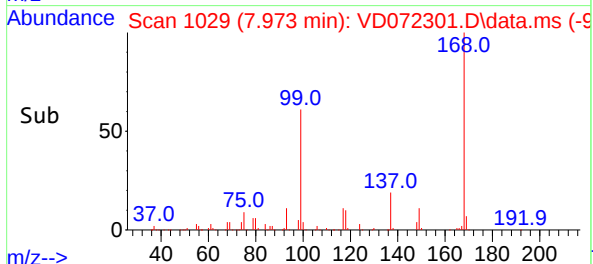
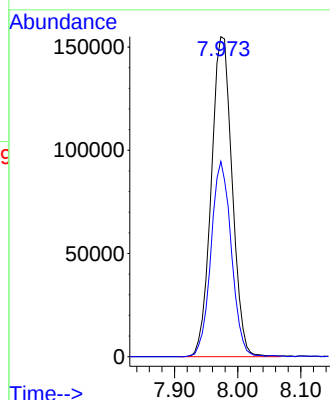
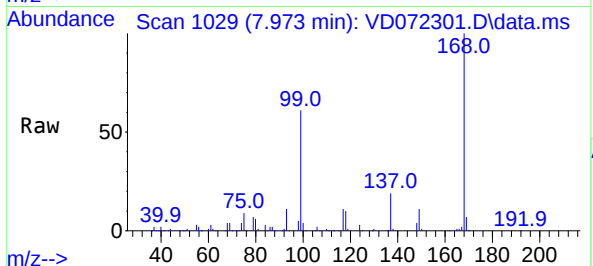




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

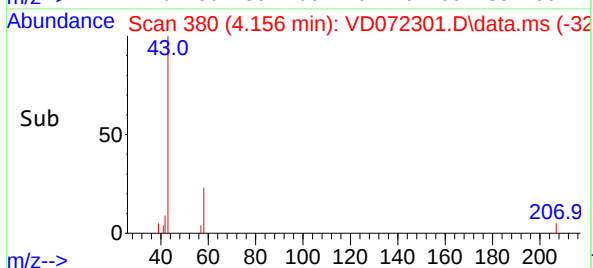
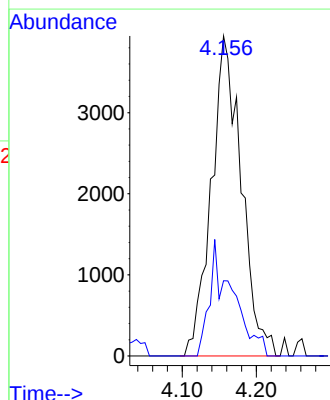
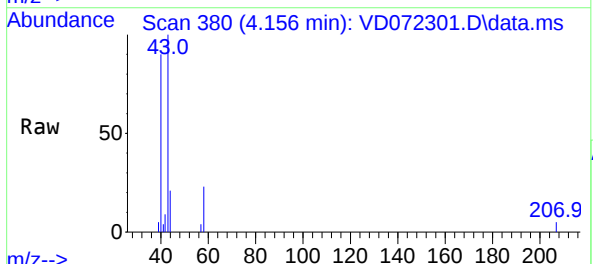
Instrument :
MSVOA_D
ClientSampleId :
C-20-19-21

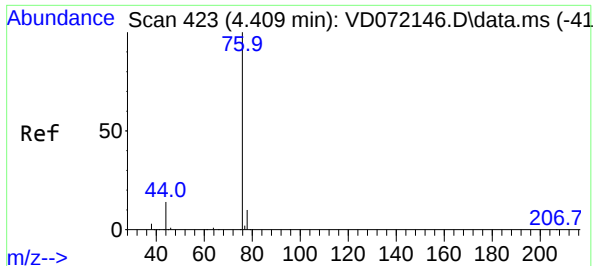
Tgt Ion:168 Resp: 356468
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#16
Acetone
Concen: 12.852 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

Tgt Ion: 43 Resp: 11085
Ion Ratio Lower Upper
43 100
58 23.5 22.1 33.1

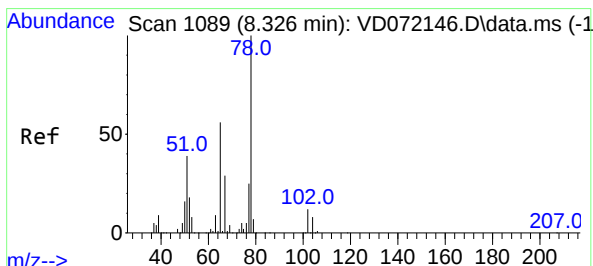
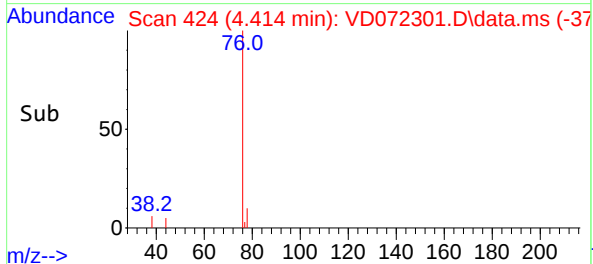
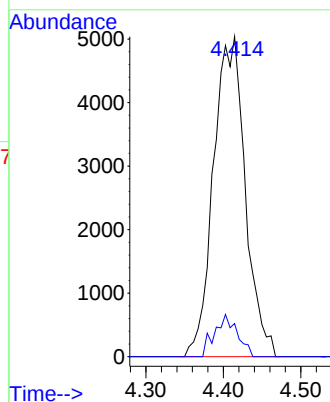
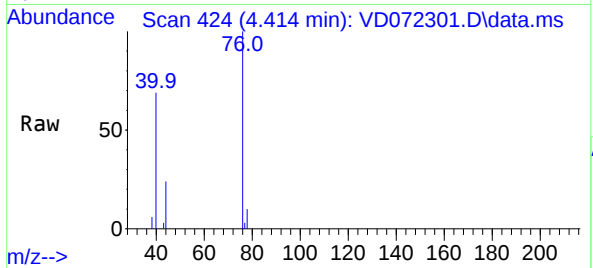




#17
Carbon Disulfide
Concen: 3.323 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

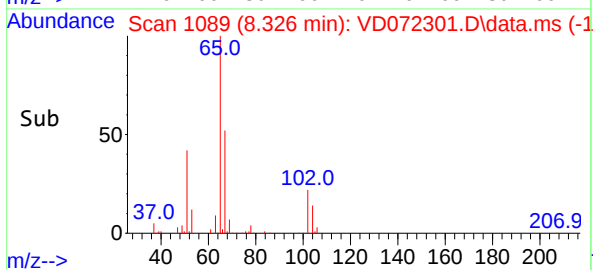
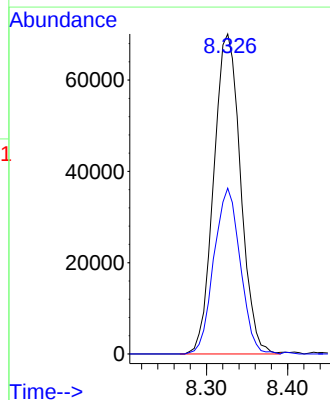
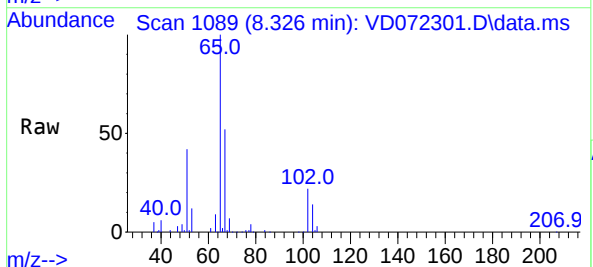
Instrument :
MSVOA_D
ClientSampleId :
C-20-19-21

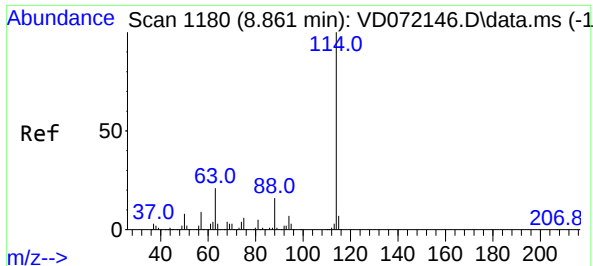
Tgt Ion: 76 Resp: 14357
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 40.533 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

Tgt Ion: 65 Resp: 161022
Ion Ratio Lower Upper
65 100
67 50.8 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: VD072301.D

Acq: 18 Mar 2022 20:34

Instrument :

MSVOA_D

ClientSampleId :

C-20-19-21

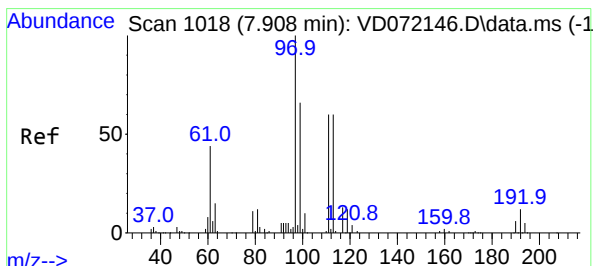
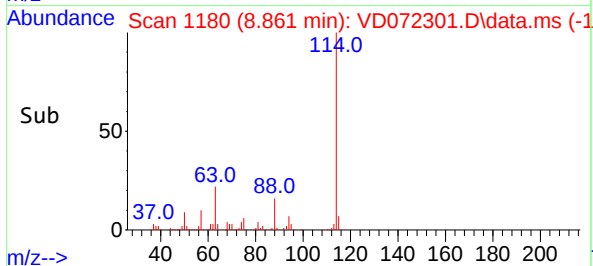
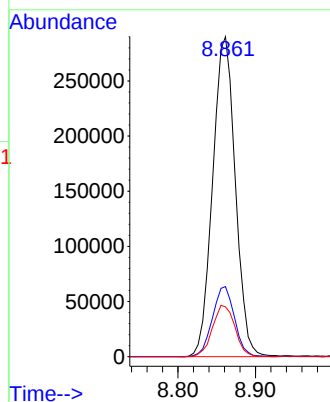
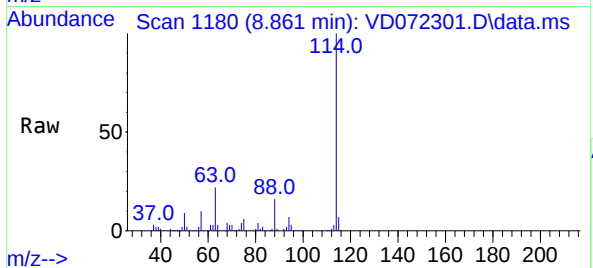
Tgt Ion:114 Resp: 590581

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.762 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072301.D

Acq: 18 Mar 2022 20:34

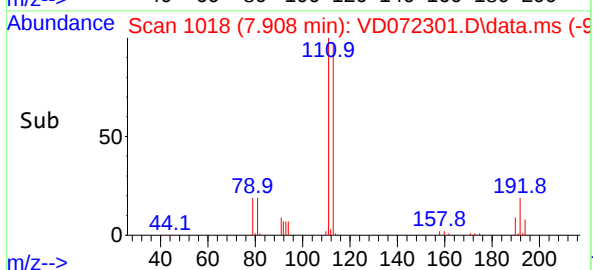
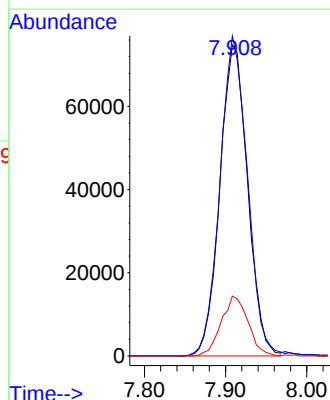
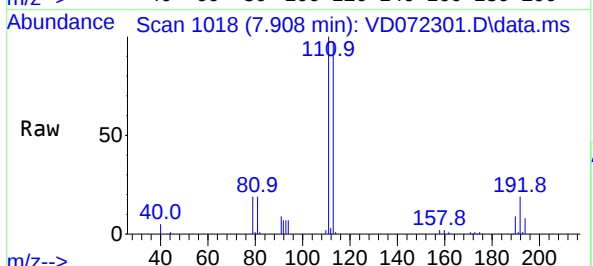
Tgt Ion:113 Resp: 177718

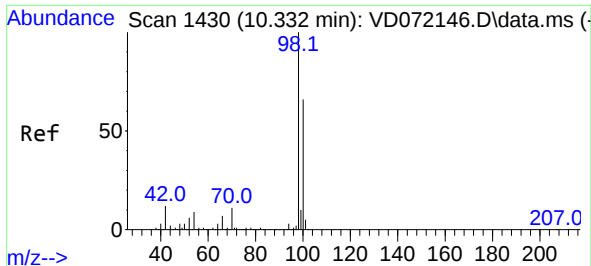
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.6 14.6 21.8

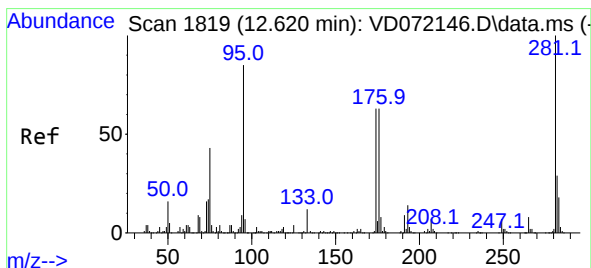
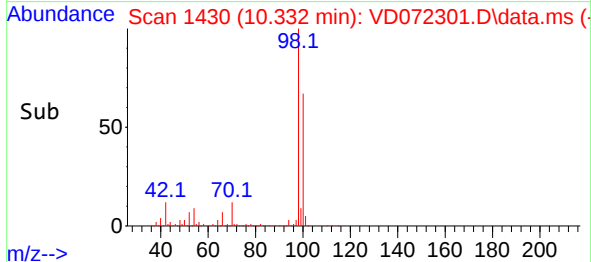
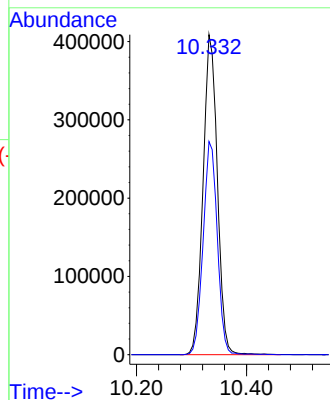
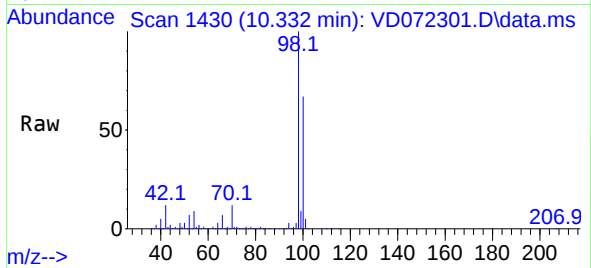




#50
Toluene-d8
Concen: 48.542 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

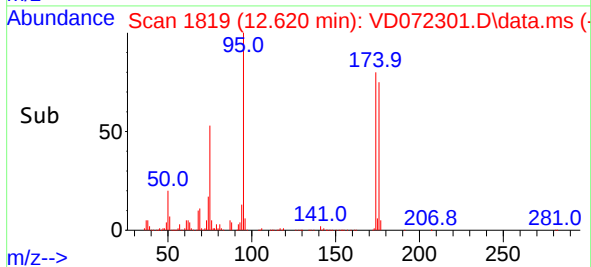
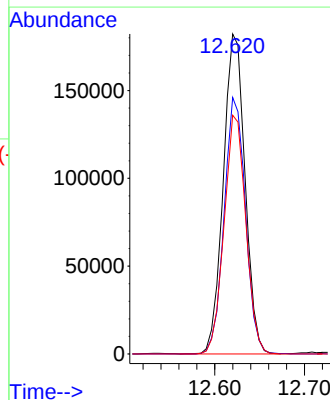
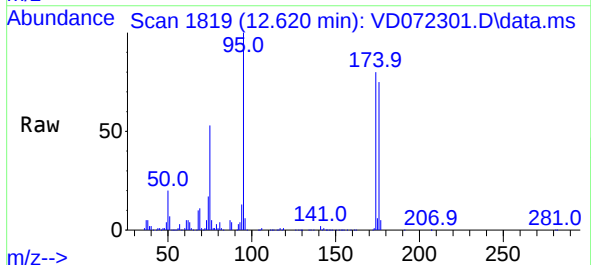
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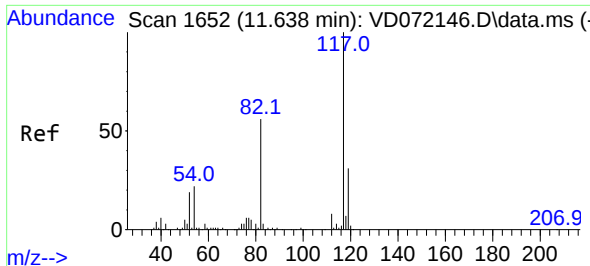
Tgt Ion: 98 Resp: 737664
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.917 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

Tgt Ion: 95 Resp: 306551
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 74.4 0.0 145.4

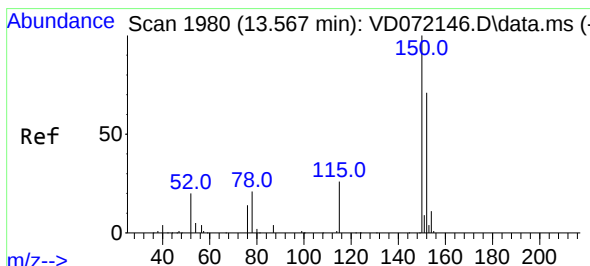
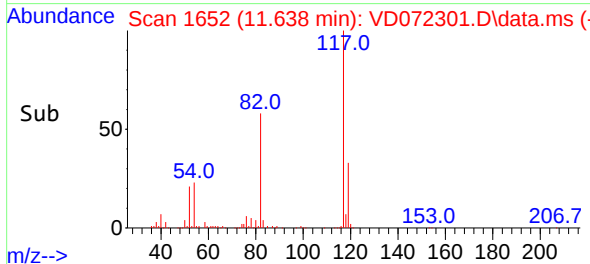
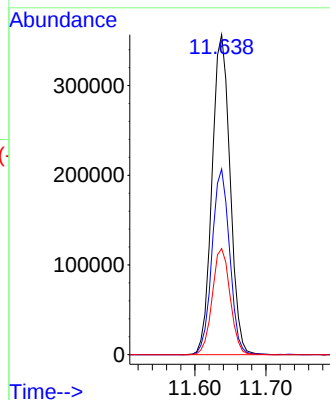
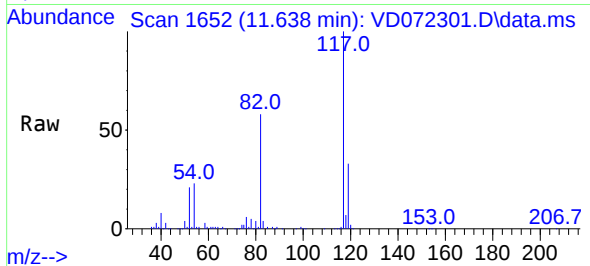




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

Instrument :
MSVOA_D
ClientSampleId :
C-20-19-21

Tgt Ion:117 Resp: 627908
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 33.2 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: VD072301.D
Acq: 18 Mar 2022 20:34

Tgt Ion:152 Resp: 322908
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 155.9 0.0 348.6

