

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072300.D
 Acq On : 18 Mar 2022 20:05
 Operator : VA/SY
 Sample : N1962-04
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-19-18-19

Quant Time: Mar 19 05:28:23 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)

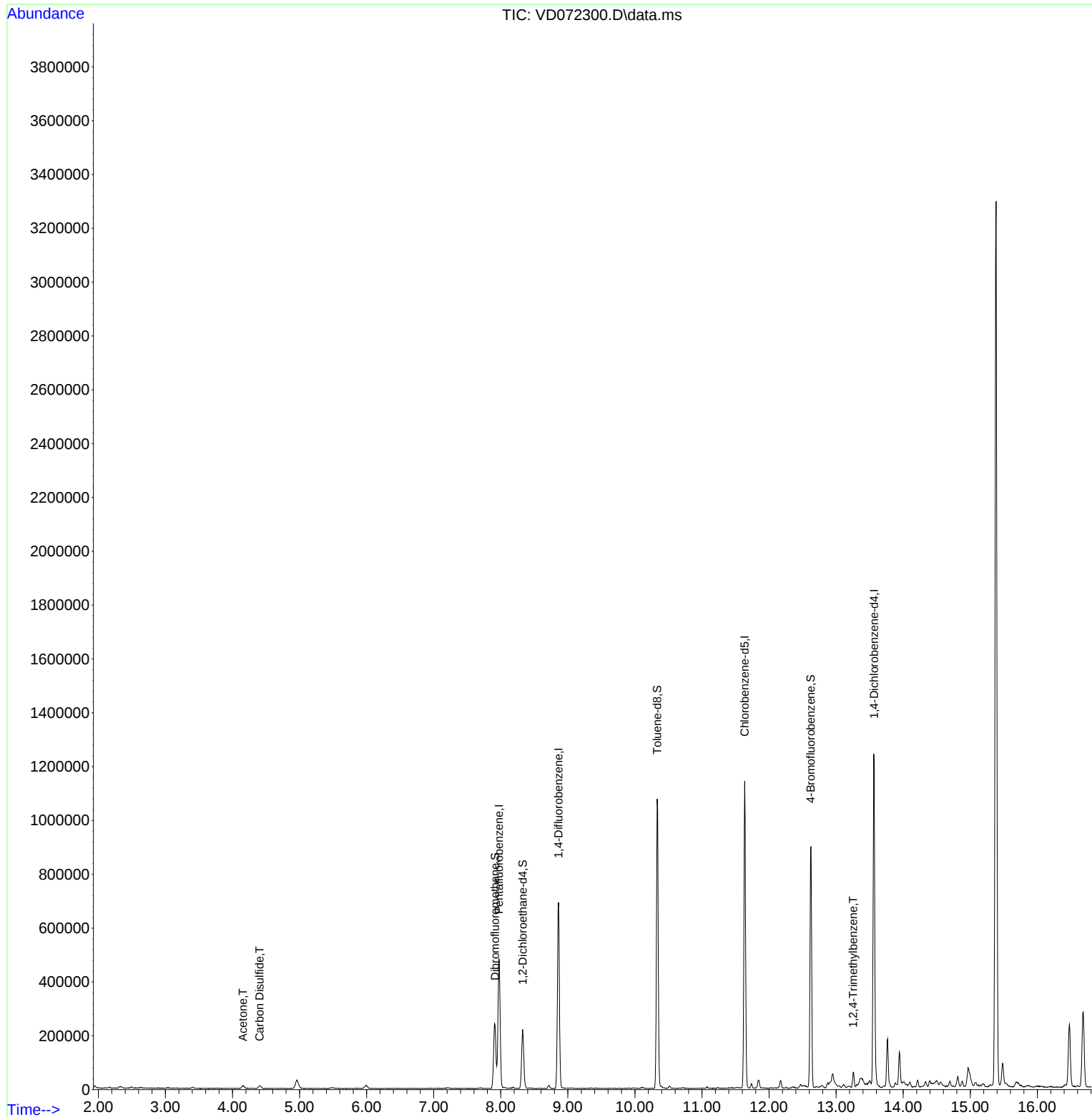
Internal Standards						
1) Pentafluorobenzene	7.973	168	351945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	584568	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	639970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	326848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	169845	43.303	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.600%
35) Dibromofluoromethane	7.914	113	180306	43.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.660%
50) Toluene-d8	10.332	98	724386	48.159	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.620	95	315854	54.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.080%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	19160	22.499	ug/l #	86
17) Carbon Disulfide	4.403	76	21848	4.310	ug/l #	89
84) 1,2,4-Trimethylbenzene	13.255	105	32495	1.482	ug/l	98

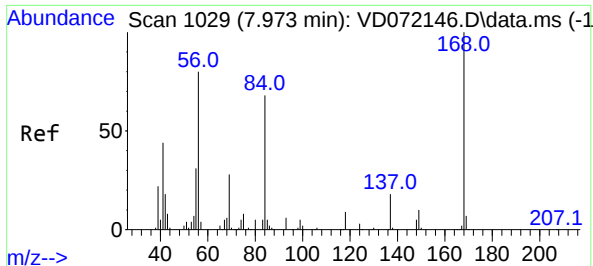
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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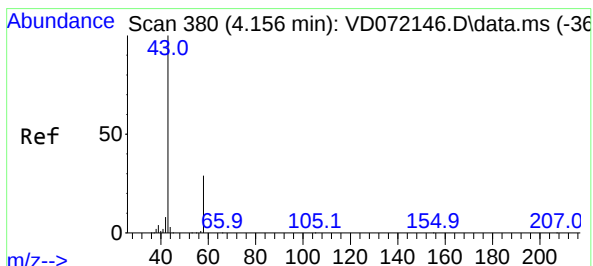
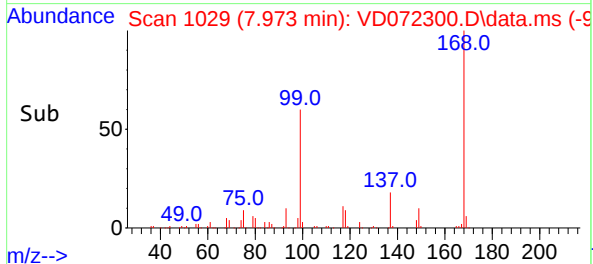
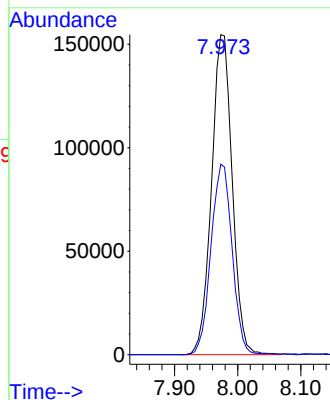
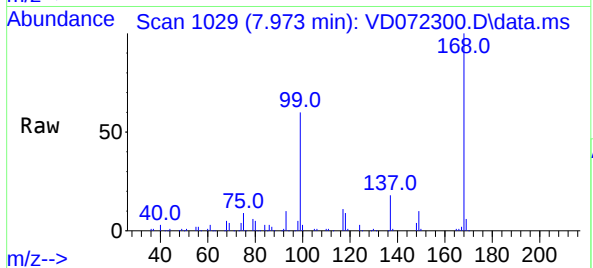




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072300.D
Acq: 18 Mar 2022 20:05

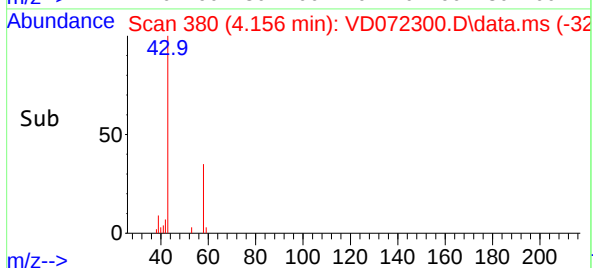
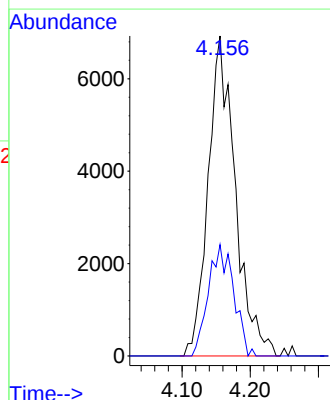
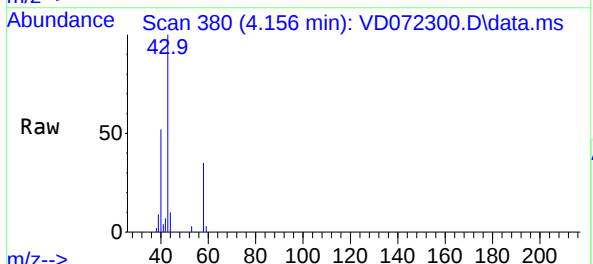
Instrument :
MSVOA_D
ClientSampleId :
C-19-18-19

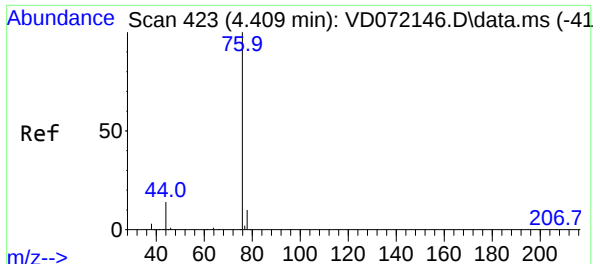
Tgt Ion:168 Resp: 351945
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#16
Acetone
Concen: 22.499 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072300.D
Acq: 18 Mar 2022 20:05

Tgt Ion: 43 Resp: 19160
Ion Ratio Lower Upper
43 100
58 34.8 22.1 33.1#

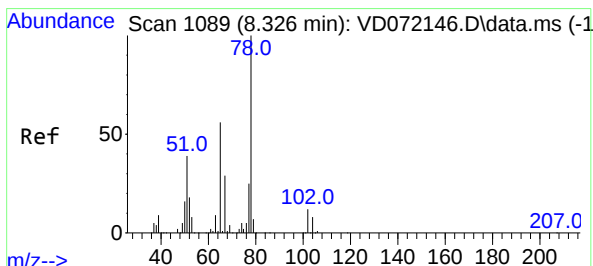
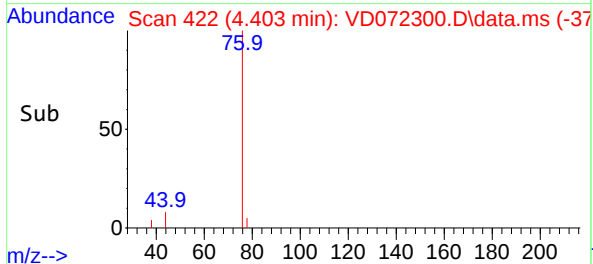
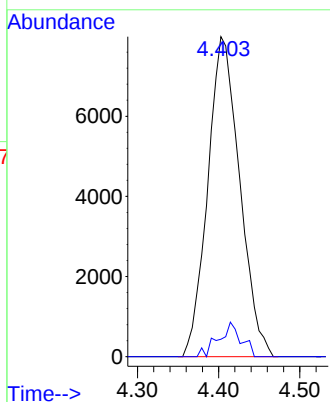
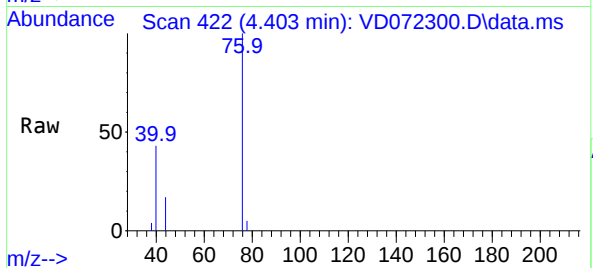




#17
Carbon Disulfide
Concen: 4.310 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072300.D
Acq: 18 Mar 2022 20:05

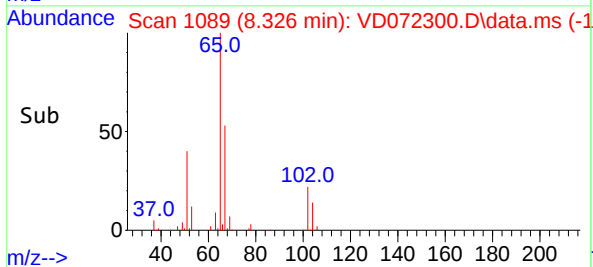
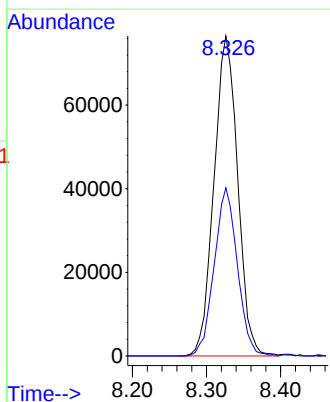
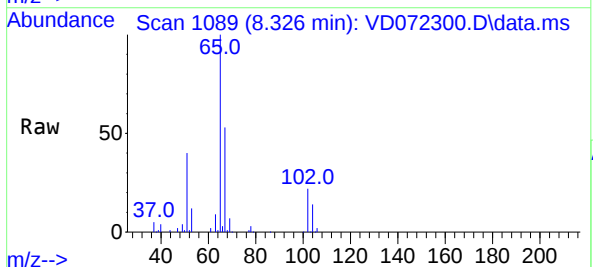
Instrument :
MSVOA_D
ClientSampleId :
C-19-18-19

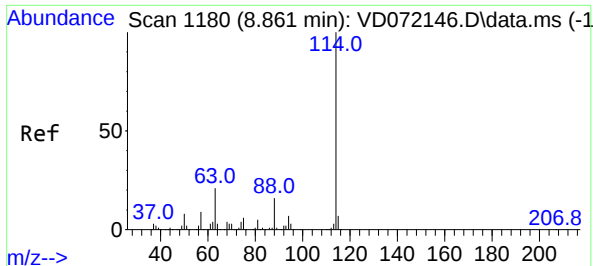
Tgt Ion: 76 Resp: 21848
Ion Ratio Lower Upper
76 100
78 5.4 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 43.303 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072300.D
Acq: 18 Mar 2022 20:05

Tgt Ion: 65 Resp: 169845
Ion Ratio Lower Upper
65 100
67 51.4 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: VD072300.D

Acq: 18 Mar 2022 20:05

Instrument :

MSVOA_D

ClientSampleId :

C-19-18-19

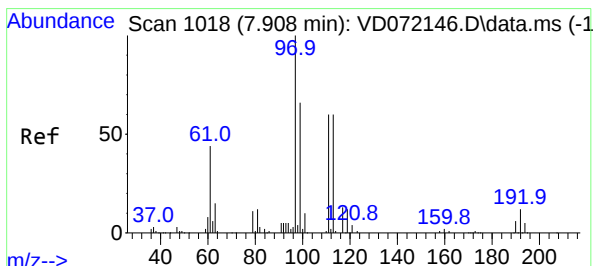
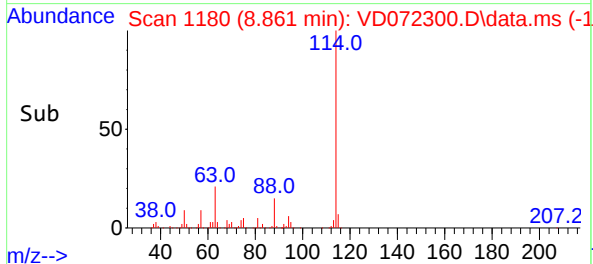
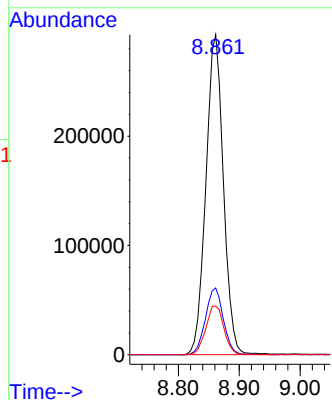
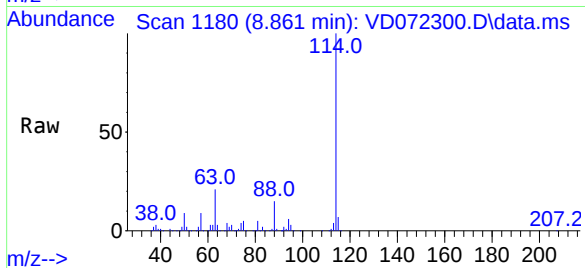
Tgt Ion:114 Resp: 584568

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 15.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.831 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072300.D

Acq: 18 Mar 2022 20:05

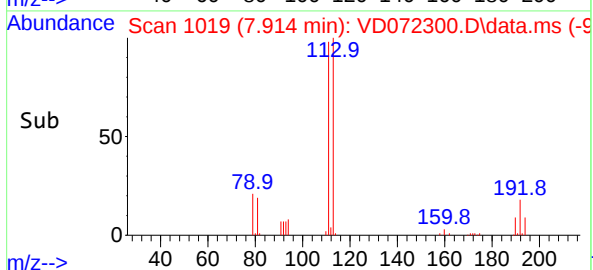
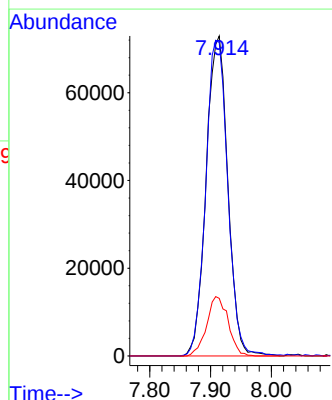
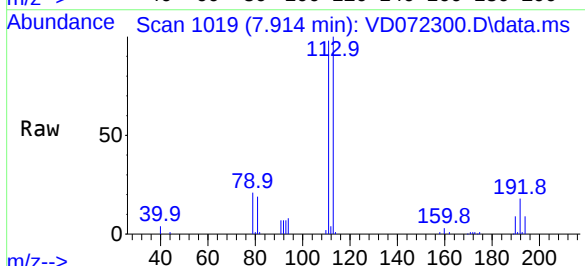
Tgt Ion:113 Resp: 180306

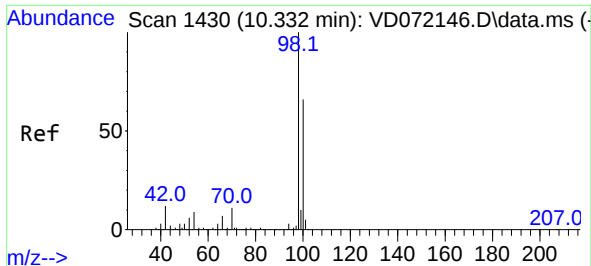
Ion Ratio Lower Upper

113 100

111 100.1 83.8 125.6

192 18.4 14.6 21.8

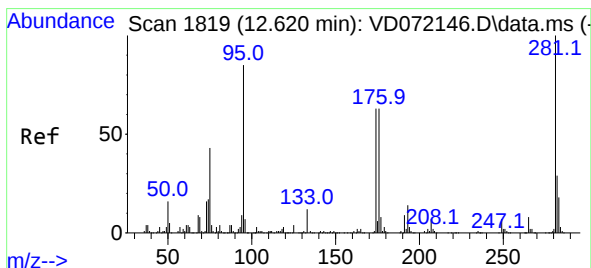
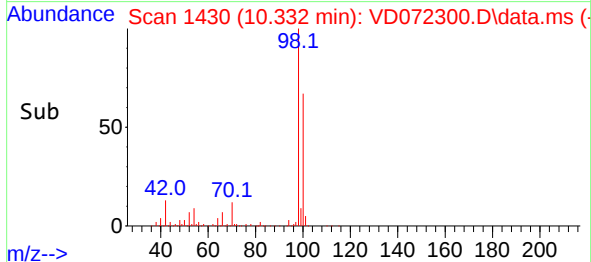
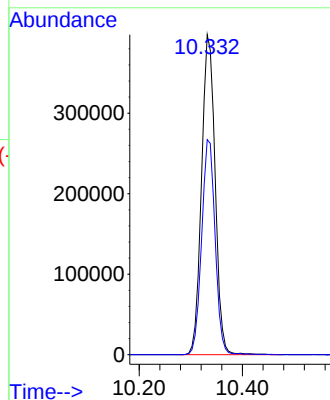
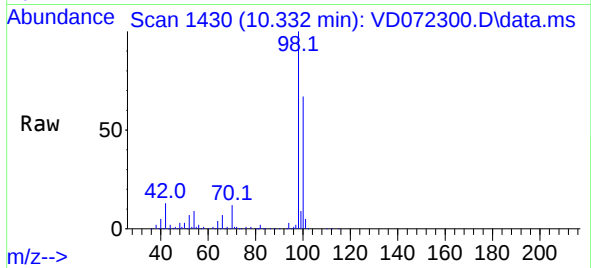




#50
Toluene-d8
Concen: 48.159 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072300.D
Acq: 18 Mar 2022 20:05

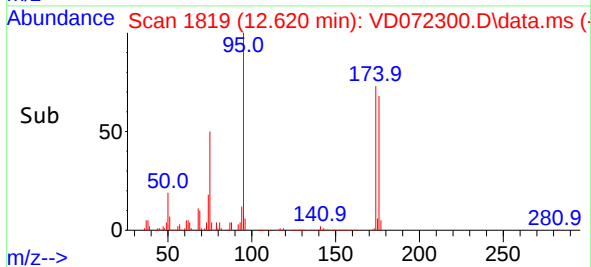
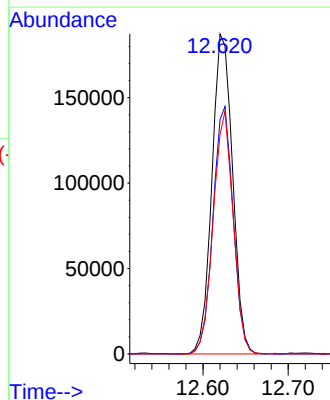
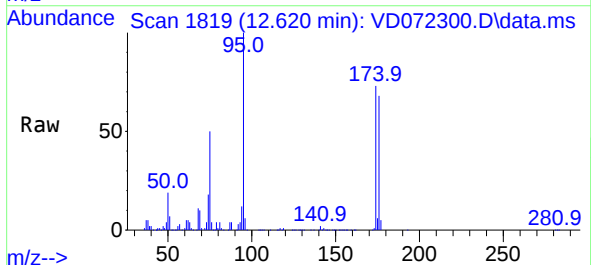
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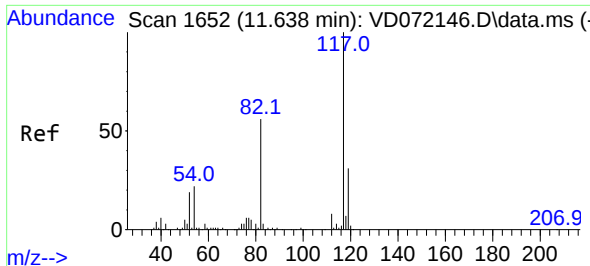
Tgt Ion: 98 Resp: 724386
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 54.043 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072300.D
Acq: 18 Mar 2022 20:05

Tgt Ion: 95 Resp: 315854
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 73.5 0.0 145.4

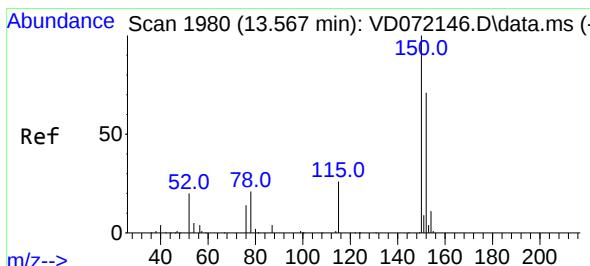
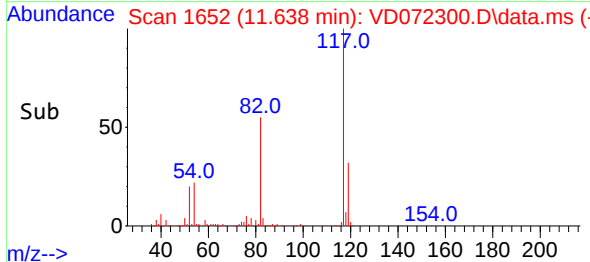
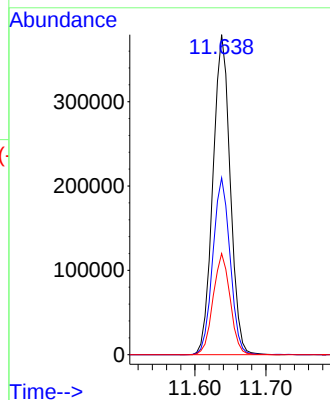
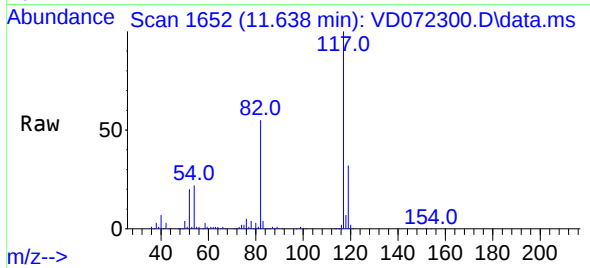




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072300.D
Acq: 18 Mar 2022 20:05

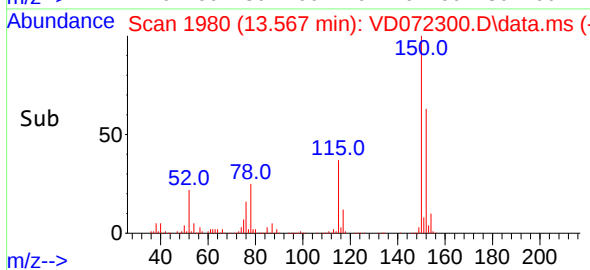
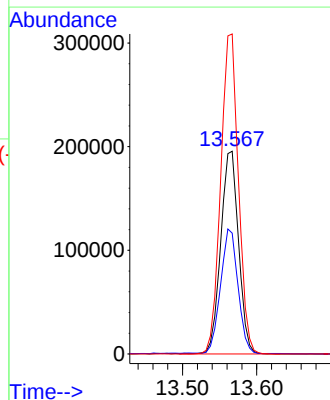
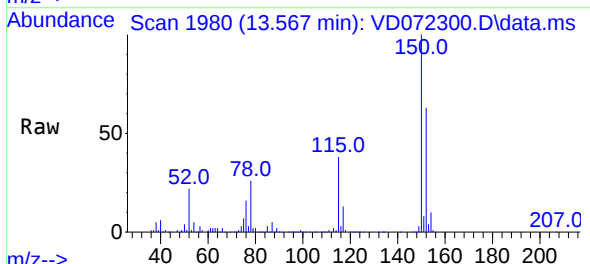
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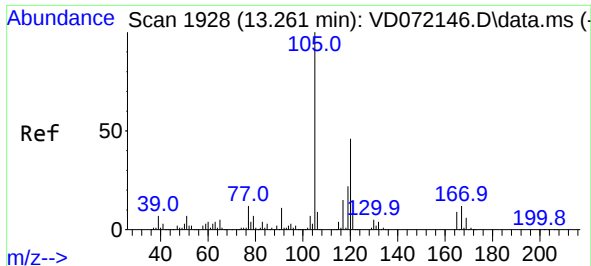
Tgt Ion:117 Resp: 639970
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 31.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072300.D
Acq: 18 Mar 2022 20:05

Tgt Ion:152 Resp: 326848
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 156.6 0.0 348.6





#84

1,2,4-Trimethylbenzene

Concen: 1.482 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD072300.D

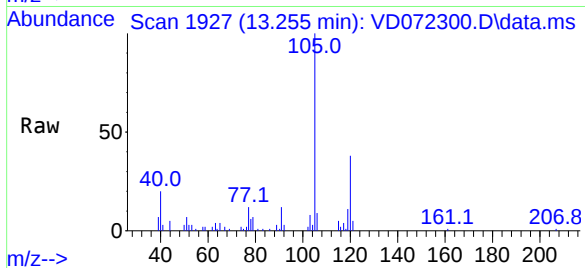
Acq: 18 Mar 2022 20:05

Instrument :

MSVOA_D

ClientSampleId :

C-19-18-19



Tgt Ion:105 Resp: 32495

Ion Ratio Lower Upper

105 100

120 45.6 22.3 66.8

