

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072299.D
 Acq On : 18 Mar 2022 19:37
 Operator : VA/SY
 Sample : N1962-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-18-17-18

Quant Time: Mar 19 05:27:59 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)

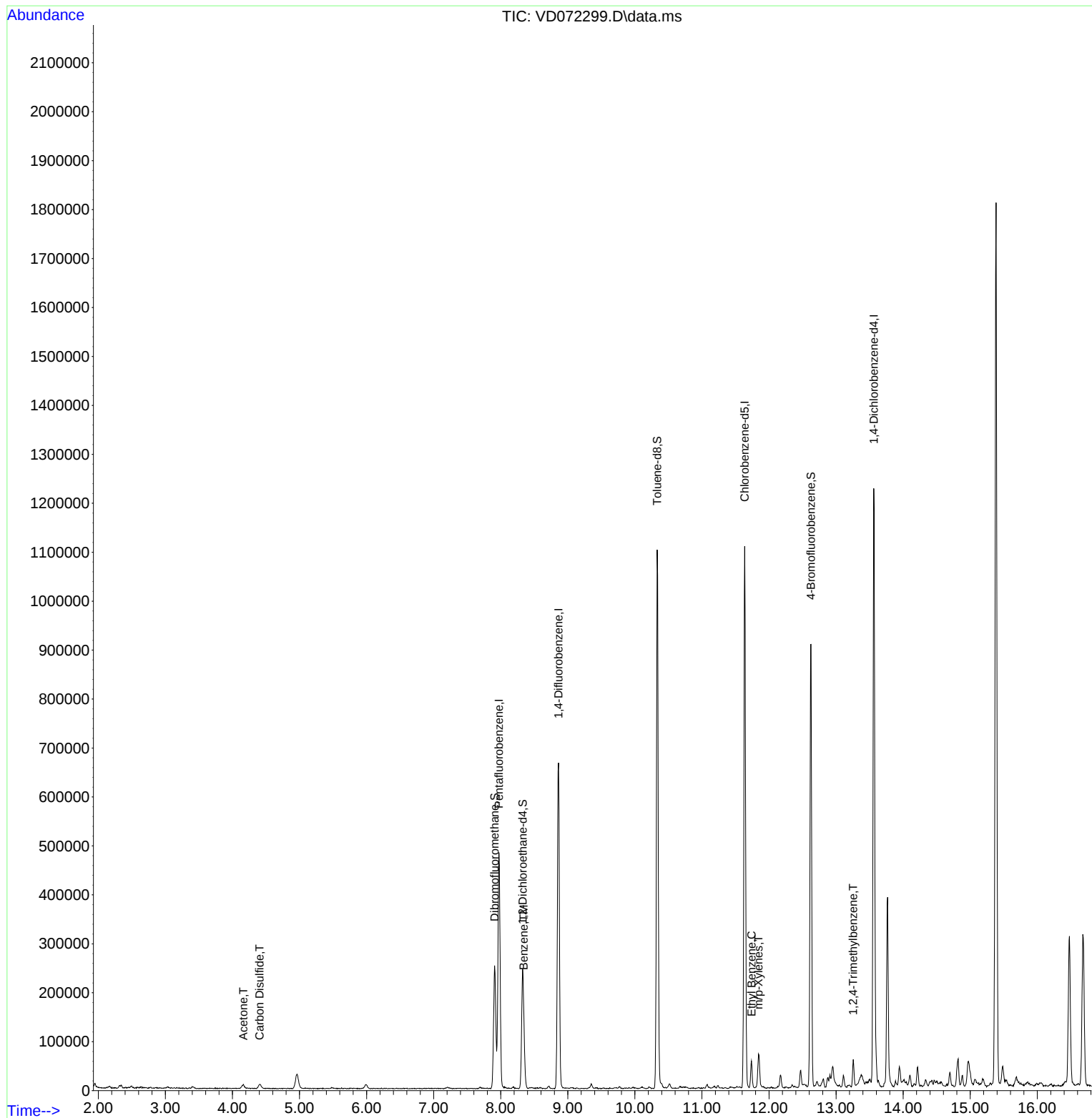
Internal Standards						
1) Pentafluorobenzene	7.973	168	347626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	574354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	628355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	327190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	170126	43.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.820%
35) Dibromofluoromethane	7.908	113	177844	44.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.000%
50) Toluene-d8	10.332	98	732745	49.581	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.626	95	308151	53.663	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.320%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	14589	17.344	ug/l #	79
17) Carbon Disulfide	4.403	76	19568	4.048	ug/l	100
40) Benzene	8.344	78	56849	3.514	ug/l	93
67) Ethyl Benzene	11.738	91	35798	1.439	ug/l #	82
68) m/p-Xylenes	11.844	106	21336	2.258	ug/l	100
84) 1,2,4-Trimethylbenzene	13.255	105	29988	1.366	ug/l	98

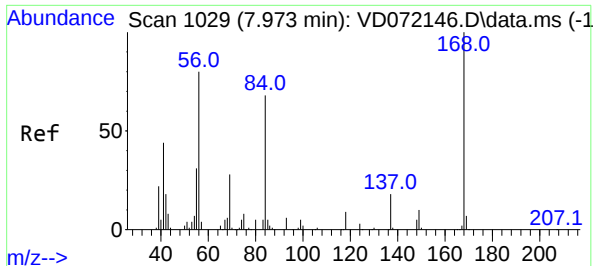
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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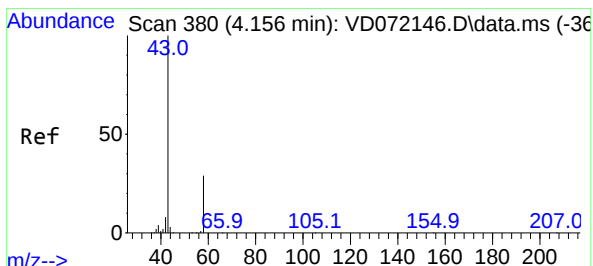
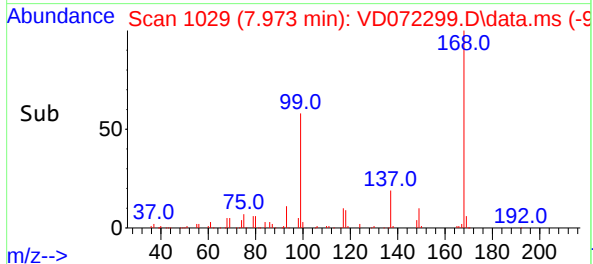
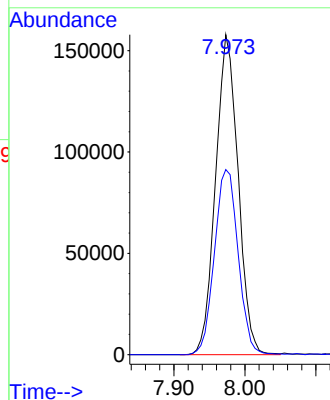
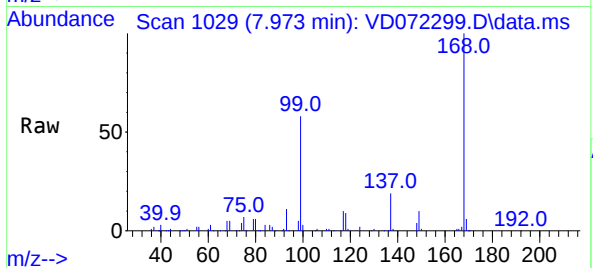




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

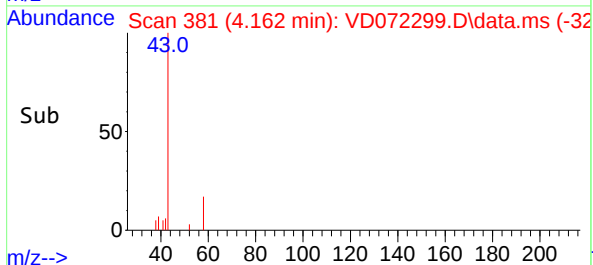
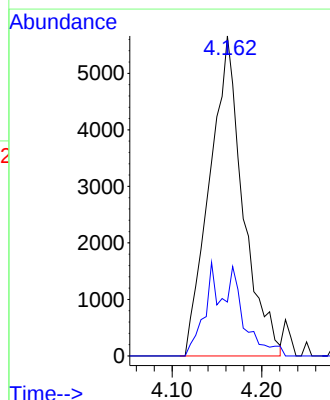
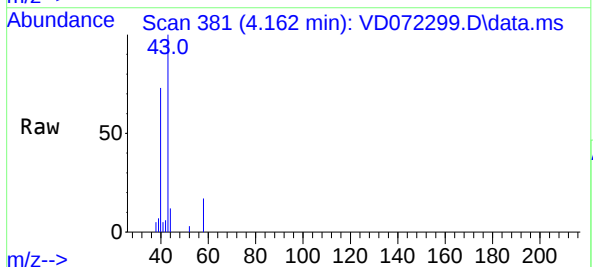
Instrument :
MSVOA_D
ClientSampleId :
C-18-17-18

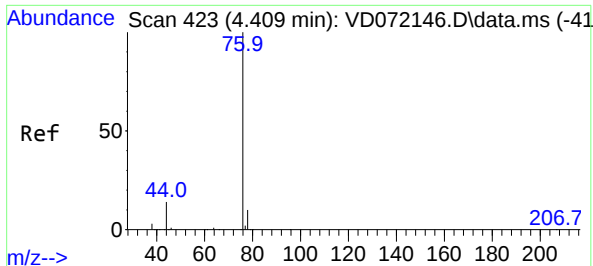
Tgt Ion:168 Resp: 347626
Ion Ratio Lower Upper
168 100
99 57.8 49.8 74.6



#16
Acetone
Concen: 17.344 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

Tgt Ion: 43 Resp: 14589
Ion Ratio Lower Upper
43 100
58 16.9 22.1 33.1#

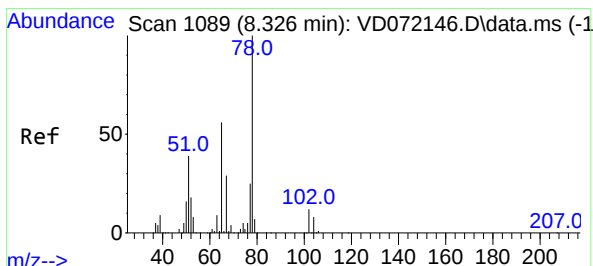
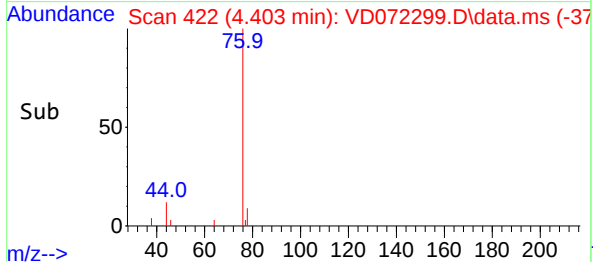
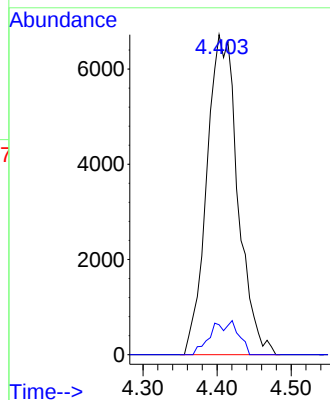
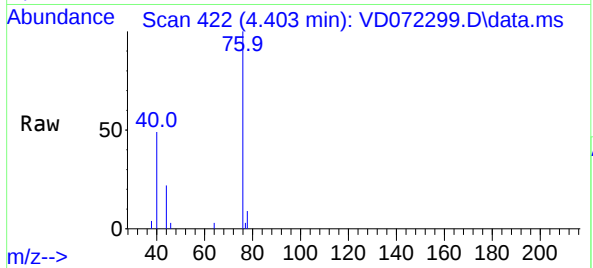




#17
Carbon Disulfide
Concen: 4.048 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

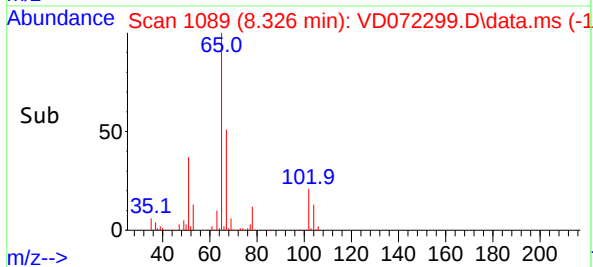
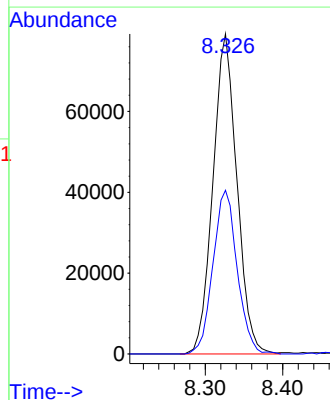
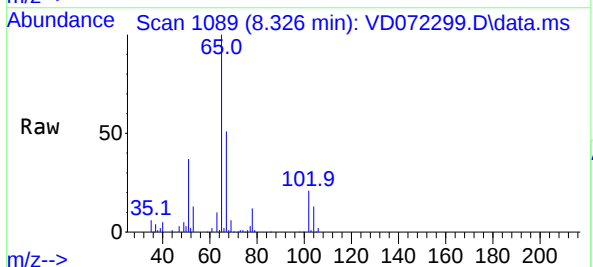
Instrument :
MSVOA_D
ClientSampleId :
C-18-17-18

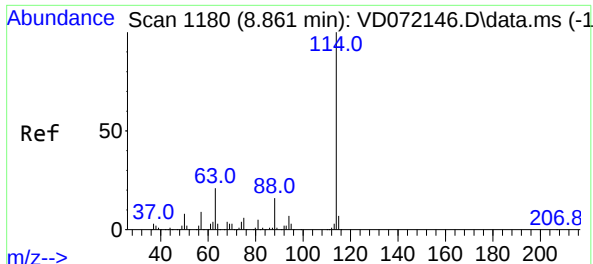
Tgt Ion: 76 Resp: 19568
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 43.914 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

Tgt Ion: 65 Resp: 170126
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4



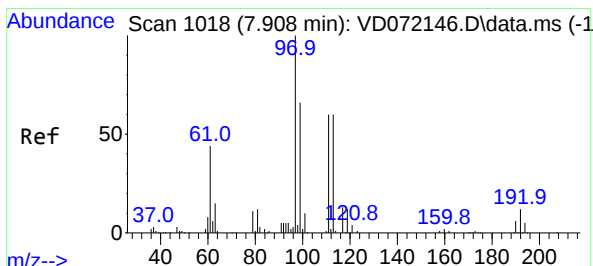
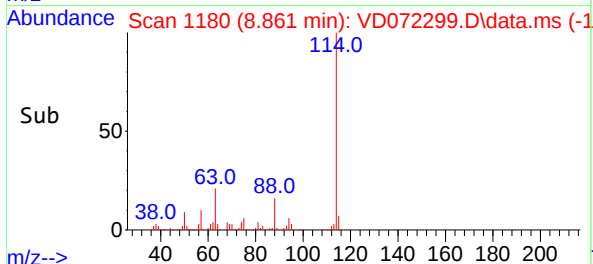
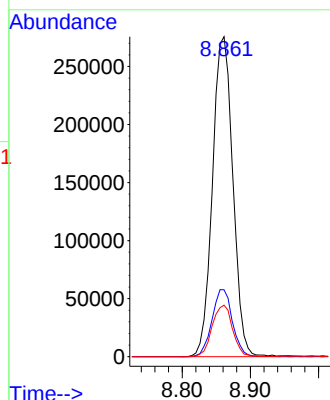
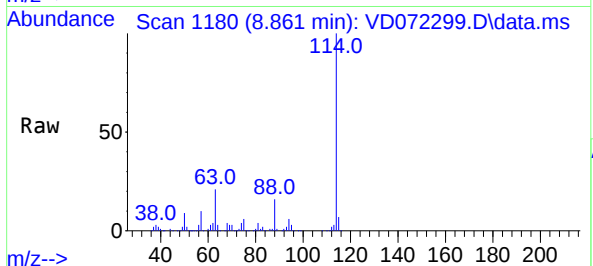


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

Instrument :
MSVOA_D
ClientSampleId :
C-18-17-18

Tgt Ion:114 Resp: 574354

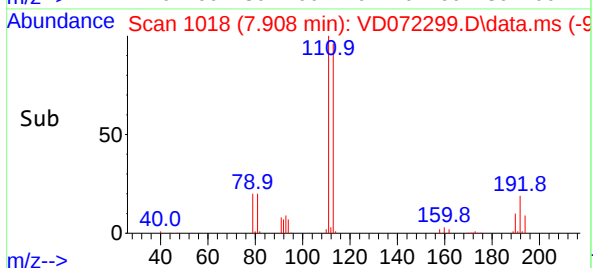
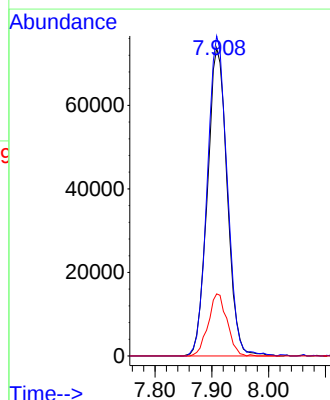
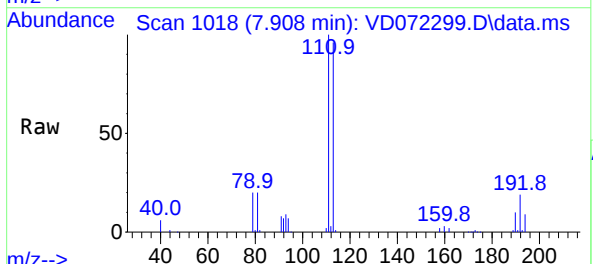
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	46.6
88	16.1	0.0	33.2

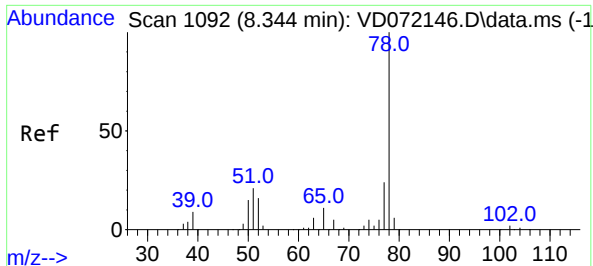


#35
Dibromofluoromethane
Concen: 44.001 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

Tgt Ion:113 Resp: 177844

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.8	125.6
192	19.2	14.6	21.8

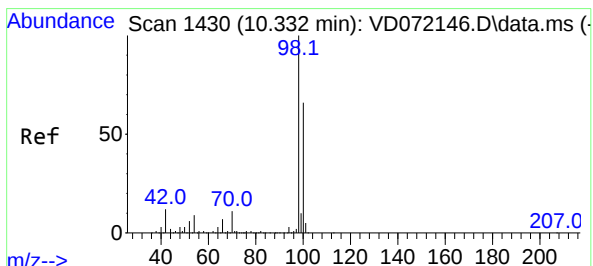
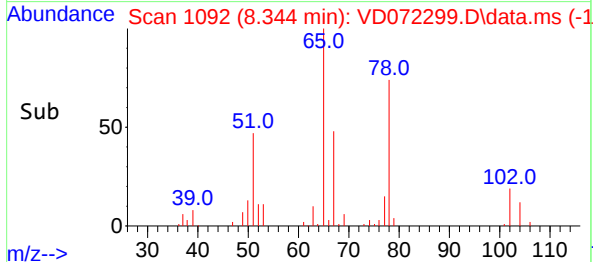
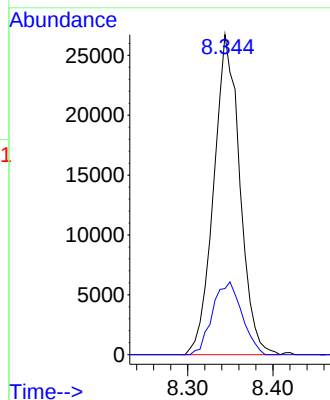
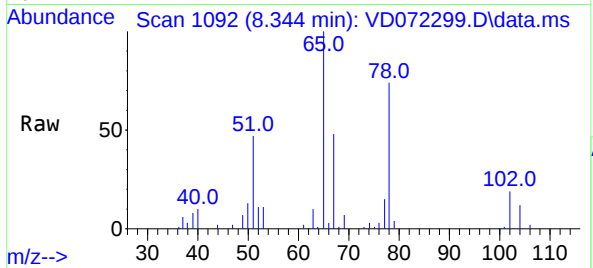




#40
Benzene
Concen: 3.514 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

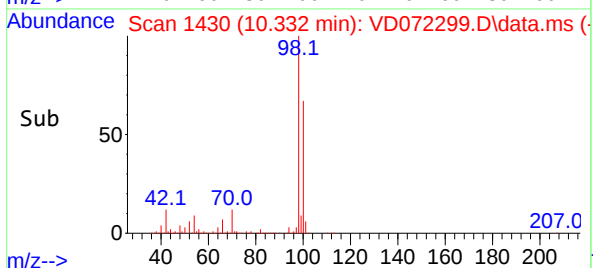
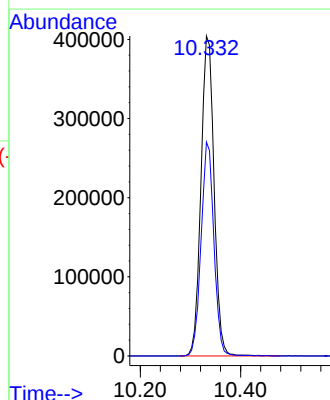
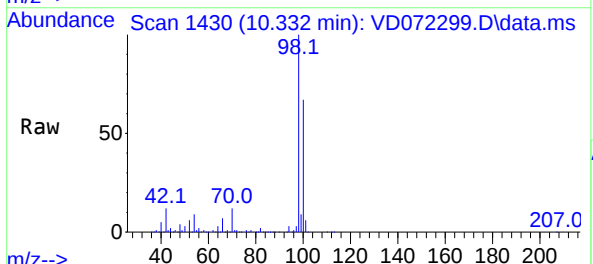
Instrument :
MSVOA_D
ClientSampleId :
C-18-17-18

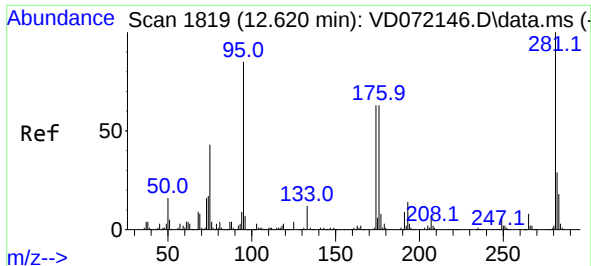
Tgt Ion: 78 Resp: 56849
Ion Ratio Lower Upper
78 100
77 20.6 19.1 28.7



#50
Toluene-d8
Concen: 49.581 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

Tgt Ion: 98 Resp: 732745
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



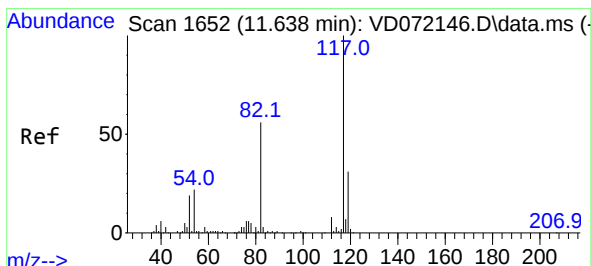
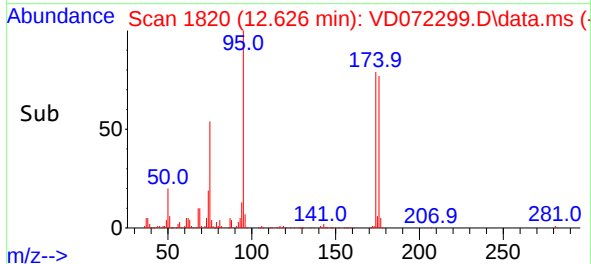
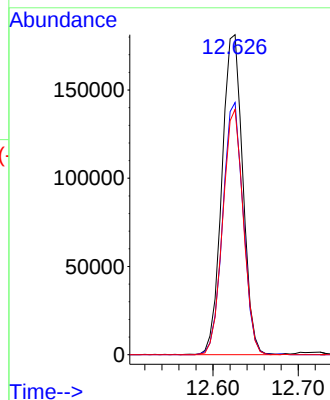
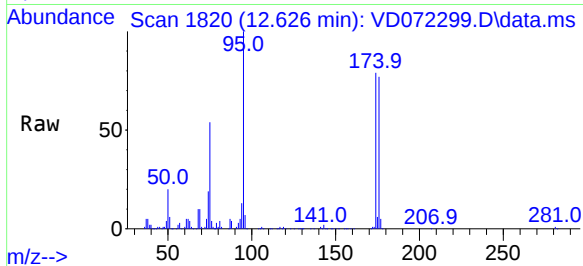


#62
4-Bromofluorobenzene
Concen: 53.663 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

Instrument :
MSVOA_D
ClientSampleId :
C-18-17-18

Tgt Ion: 95 Resp: 308151

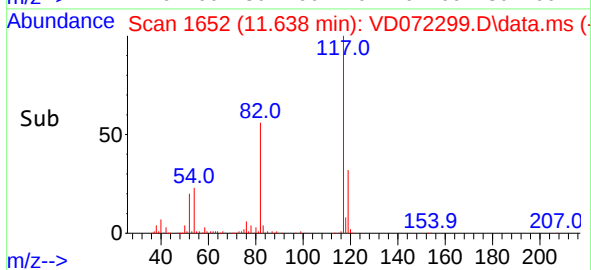
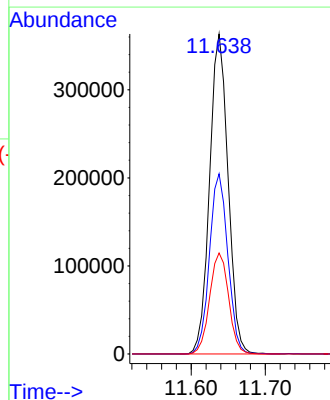
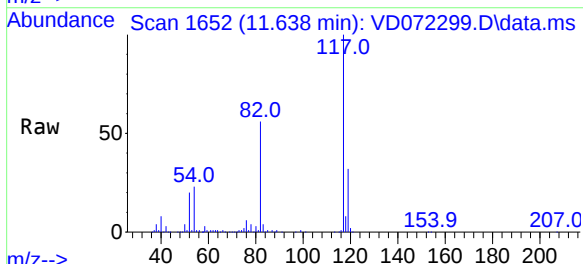
Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	152.8
176	75.4	0.0	145.4

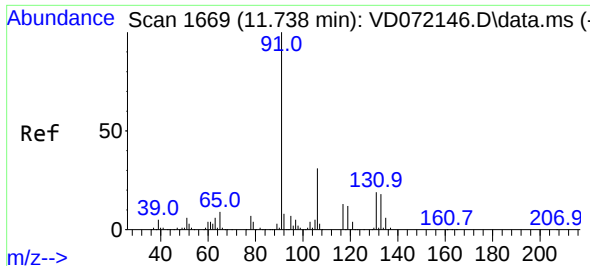


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

Tgt Ion: 117 Resp: 628355

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.3	67.9
119	31.5	26.6	40.0

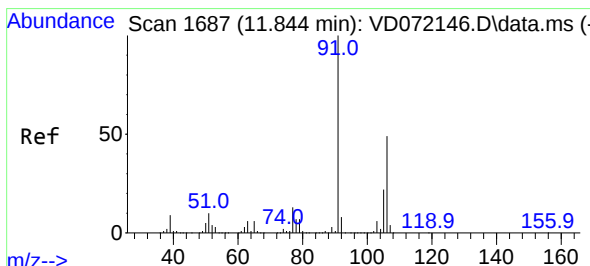
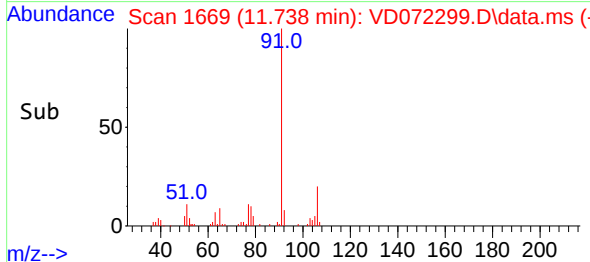
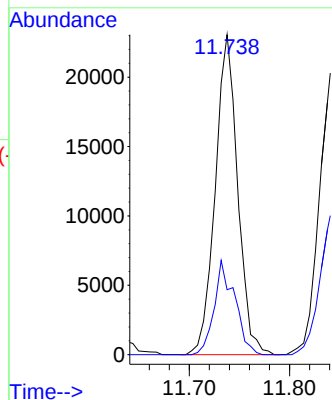
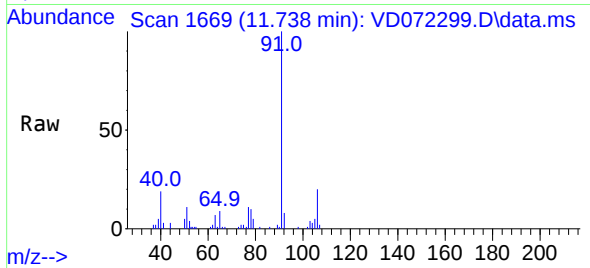




#67
Ethyl Benzene
Concen: 1.439 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

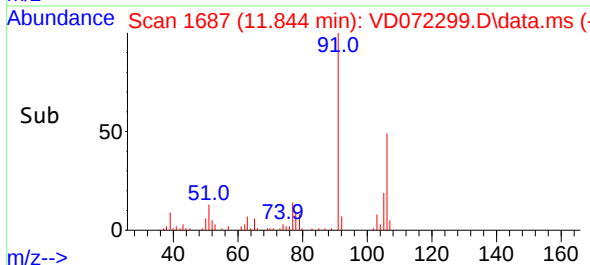
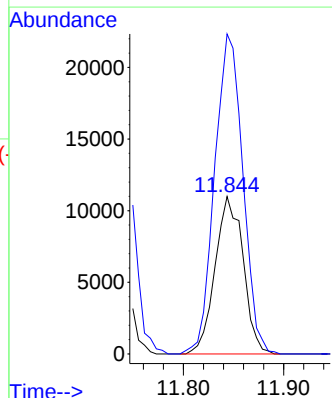
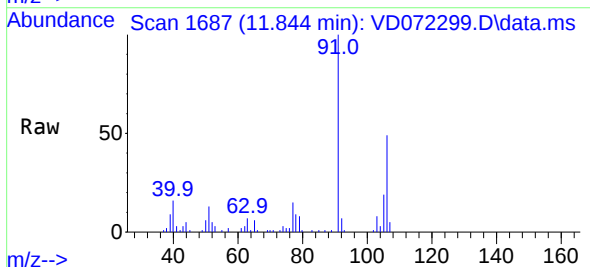
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MSVOA_D
ClientSampleId :
C-18-17-18

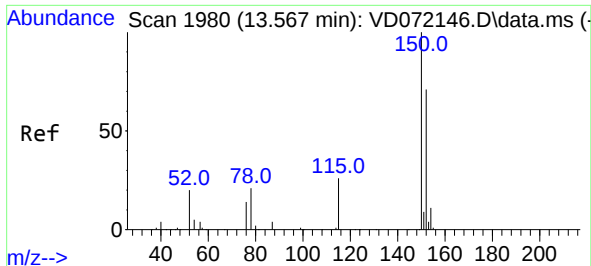
Tgt Ion: 91 Resp: 35798
Ion Ratio Lower Upper
91 100
106 20.3 24.2 36.4#



#68
m/p-Xylenes
Concen: 2.258 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

Tgt Ion: 106 Resp: 21336
Ion Ratio Lower Upper
106 100
91 204.9 163.7 245.5

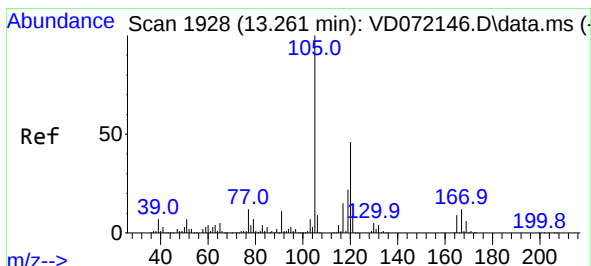
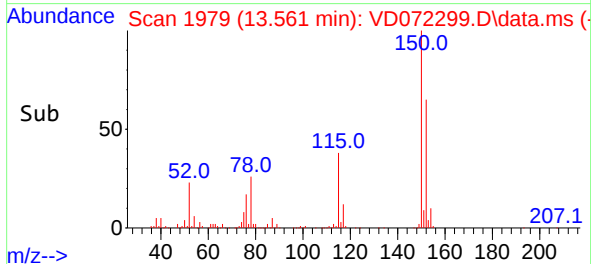
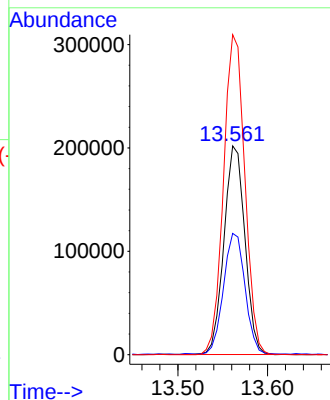
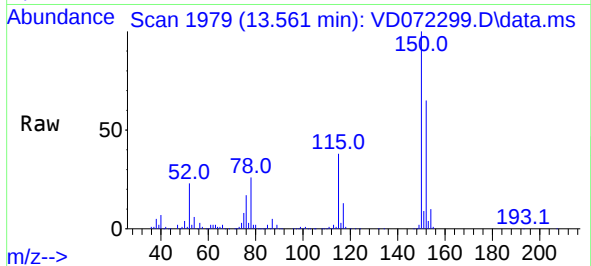




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

Instrument :
MSVOA_D
ClientSampleId :
C-18-17-18

Tgt Ion:152 Resp: 327190
Ion Ratio Lower Upper
152 100
115 59.6 31.3 93.8
150 156.1 0.0 348.6



#84
1,2,4-Trimethylbenzene
Concen: 1.366 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072299.D
Acq: 18 Mar 2022 19:37

Tgt Ion:105 Resp: 29988
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8

