

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071796.D
 Acq On : 27 Jan 2022 12:39
 Operator : VA/SY
 Sample : N1208-02
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP25-07-20220119-22.5-23.0

Quant Time: Jan 27 15:38:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

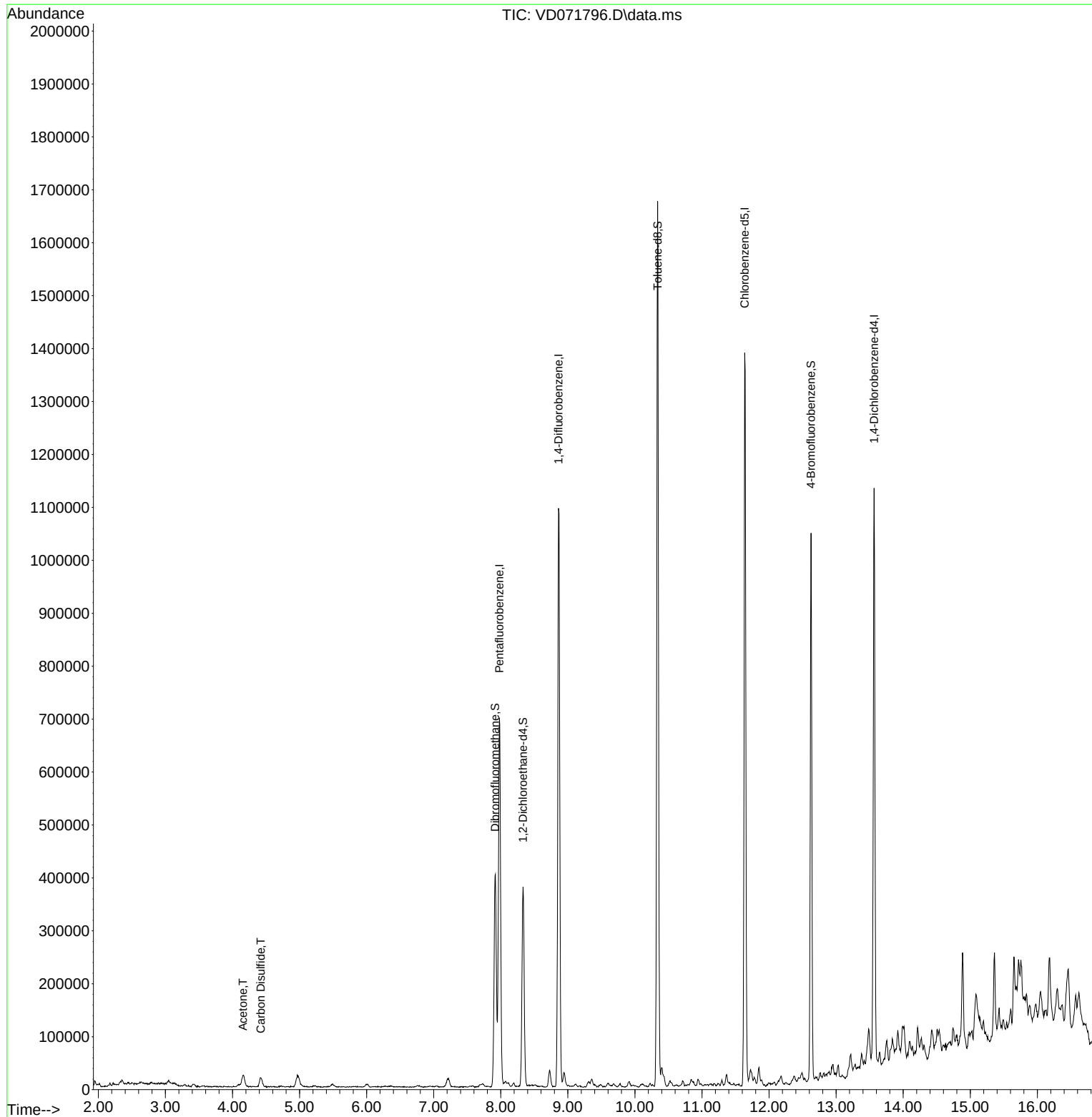
Internal Standards						
1) Pentafluorobenzene	7.979	168	477318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	898627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	761508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	278031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	310896	51.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.060%
35) Dibromofluoromethane	7.914	113	286746	48.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.080%
50) Toluene-d8	10.338	98	1082888	49.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.180%
62) 4-Bromofluorobenzene	12.626	95	320537	41.608	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.220%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	38738	23.456	ug/l	90
17) Carbon Disulfide	4.420	76	35461	1.939	ug/l	98

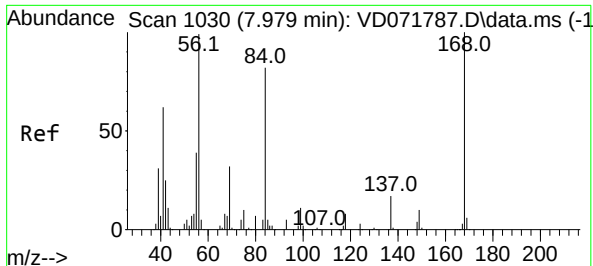
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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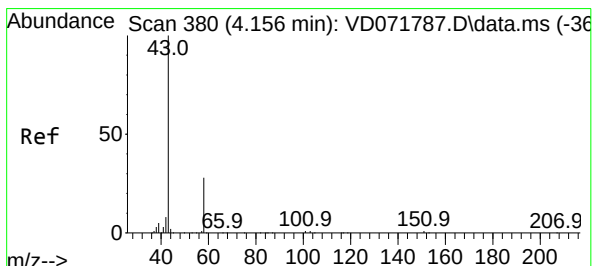
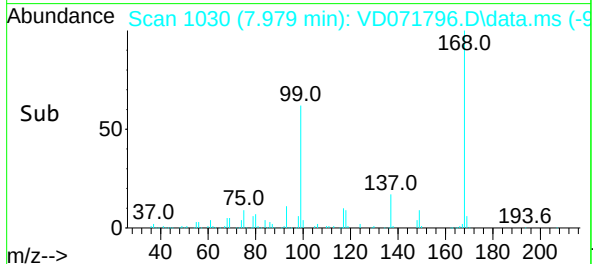
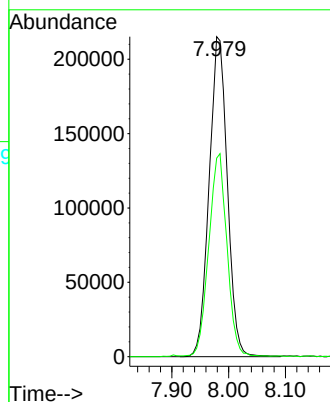
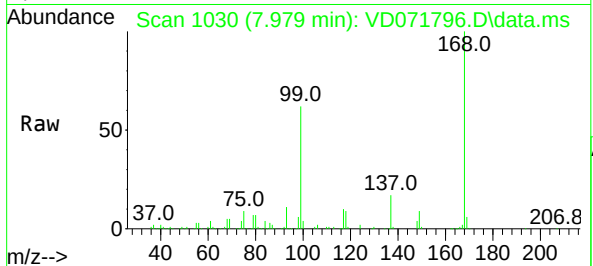




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071796.D
Acq: 27 Jan 2022 12:39

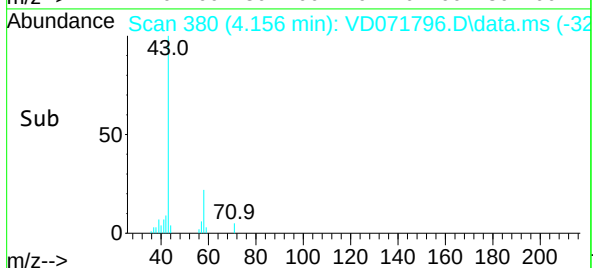
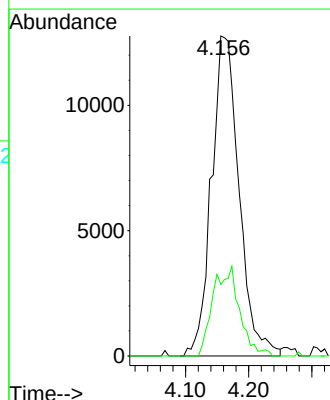
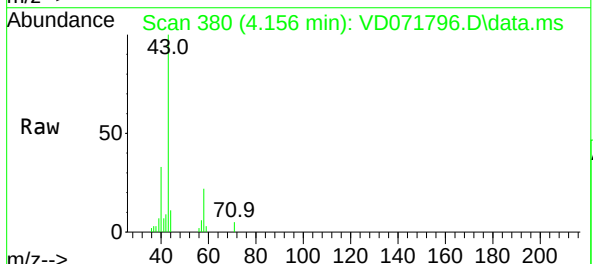
Instrument :
MSVOA_D
ClientSampleId :
SP25-07-20220119-22.5-23.0

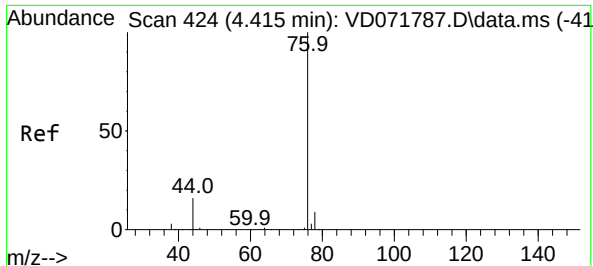
Tgt Ion:168 Resp: 477318
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#16
Acetone
Concen: 23.456 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071796.D
Acq: 27 Jan 2022 12:39

Tgt Ion: 43 Resp: 38738
Ion Ratio Lower Upper
43 100
58 22.4 22.1 33.1





#17

Carbon Disulfide

Concen: 1.939 ug/l

RT: 4.420 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD071796.D

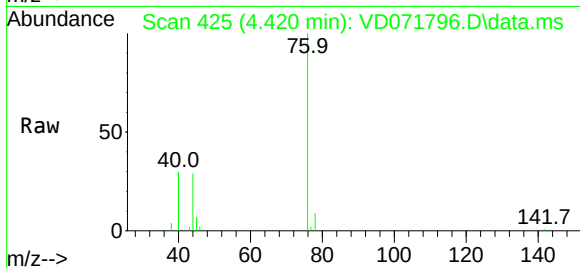
Acq: 27 Jan 2022 12:39

Instrument :

MSVOA_D

ClientSampleId :

SP25-07-20220119-22.5-23.0

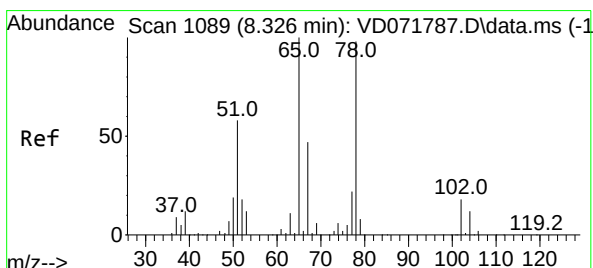
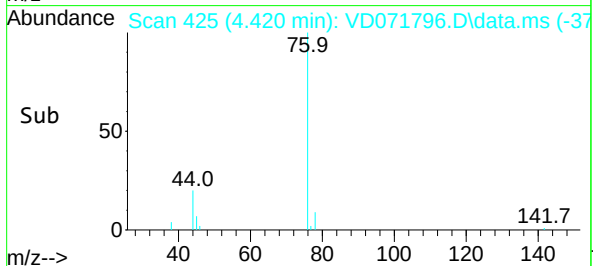
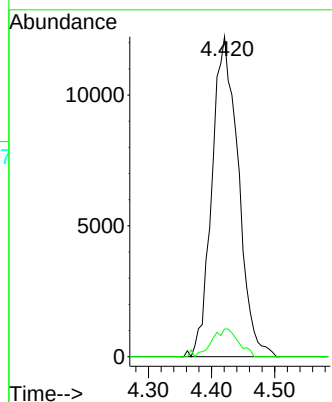


Tgt Ion: 76 Resp: 35461

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3



#33

1,2-Dichloroethane-d4

Concen: 51.532 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071796.D

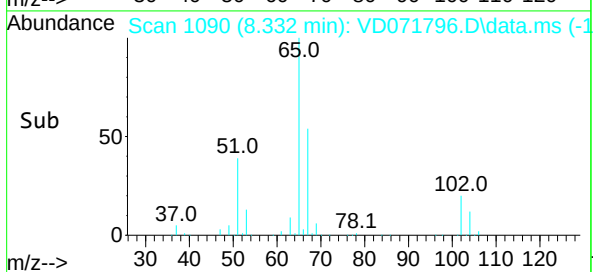
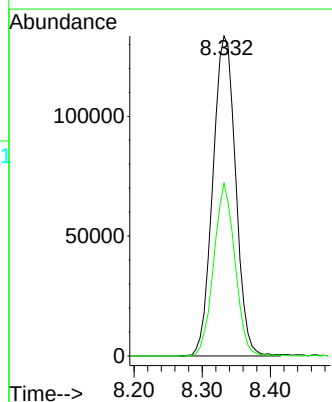
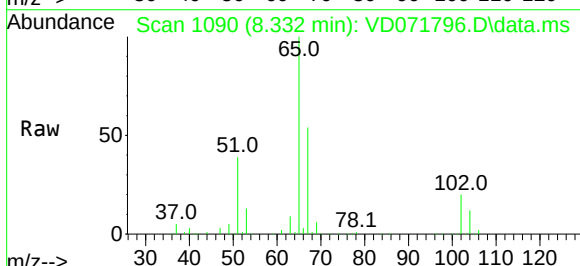
Acq: 27 Jan 2022 12:39

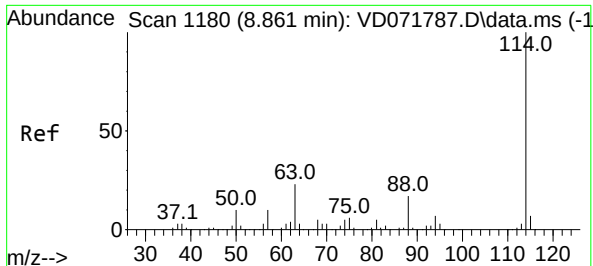
Tgt Ion: 65 Resp: 310896

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.4

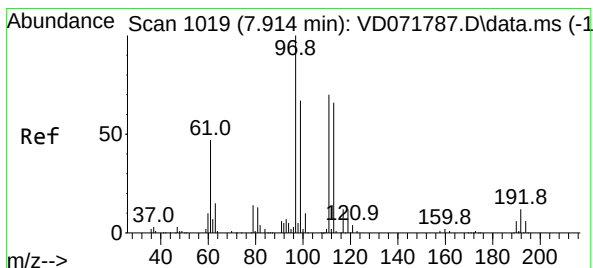
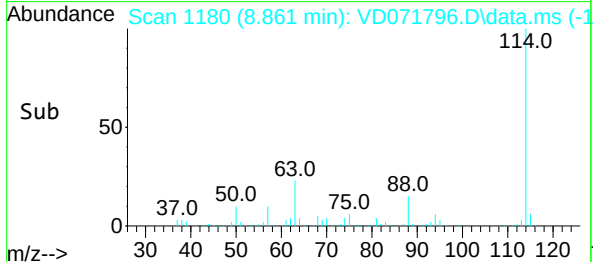
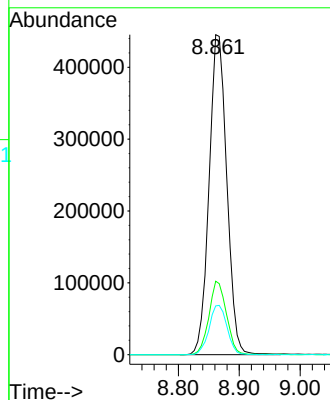
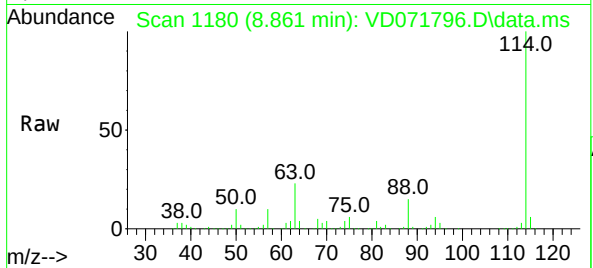




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071796.D
Acq: 27 Jan 2022 12:39

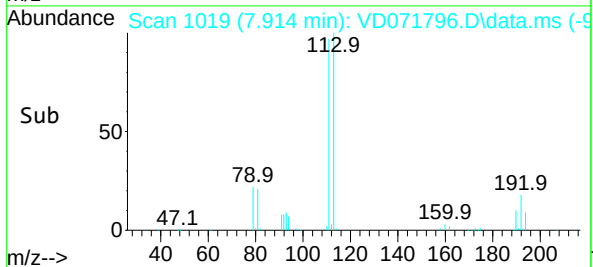
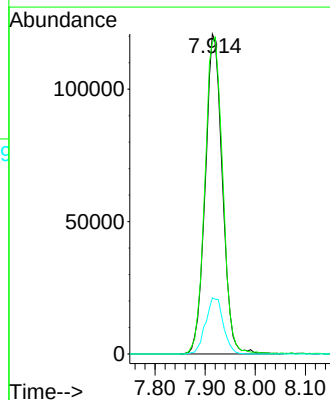
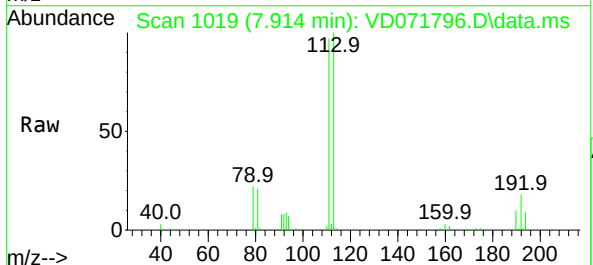
Instrument :
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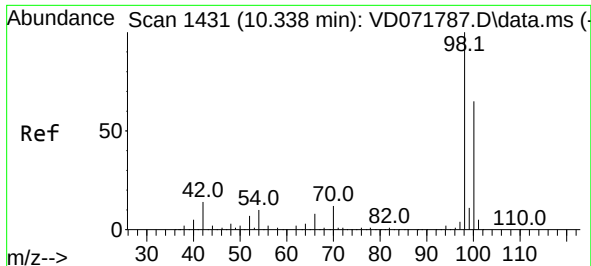
Tgt Ion:114 Resp: 898627
Ion Ratio Lower Upper
114 100
63 23.0 0.0 46.6
88 15.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.544 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071796.D
Acq: 27 Jan 2022 12:39

Tgt Ion:113 Resp: 286746
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 18.1 14.6 21.8

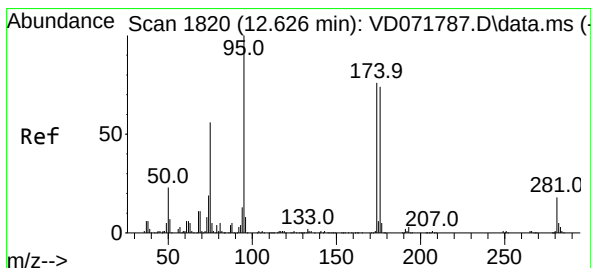
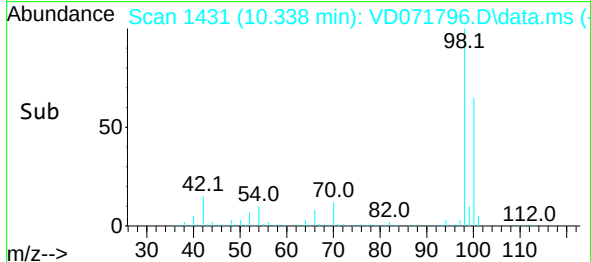
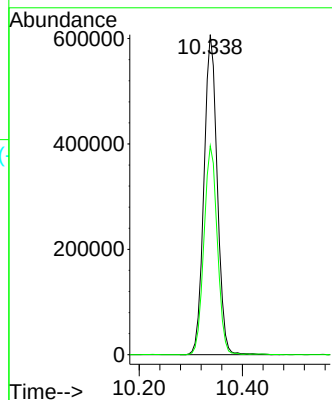
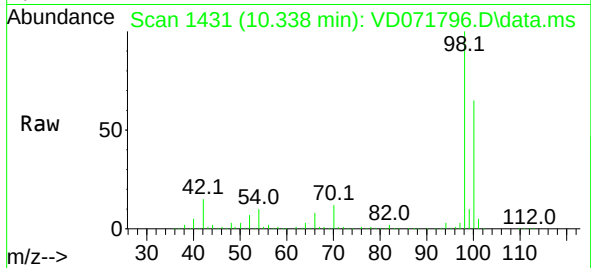




#50
Toluene-d8
Concen: 49.087 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071796.D
Acq: 27 Jan 2022 12:39

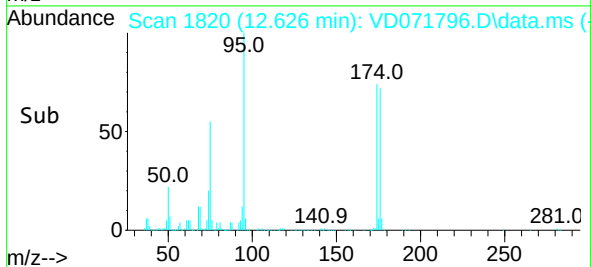
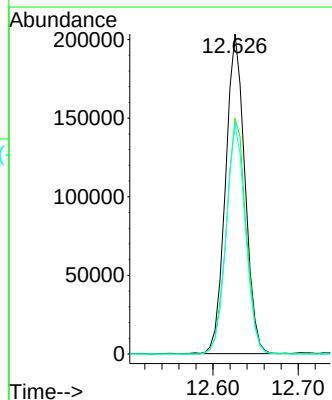
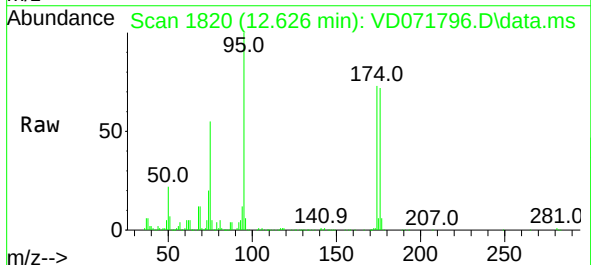
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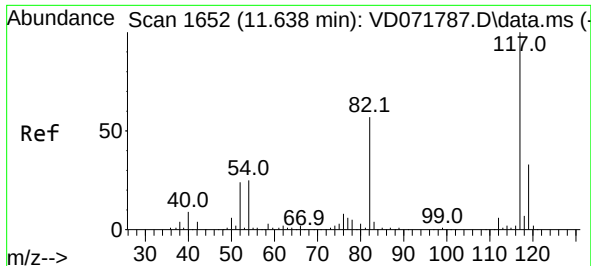
Tgt Ion: 98 Resp: 1082888
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.608 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071796.D
Acq: 27 Jan 2022 12:39

Tgt Ion: 95 Resp: 320537
Ion Ratio Lower Upper
95 100
174 75.2 0.0 152.8
176 71.6 0.0 145.4

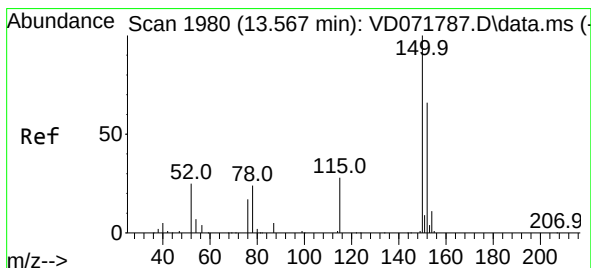
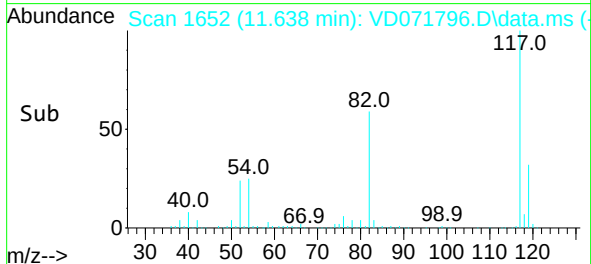
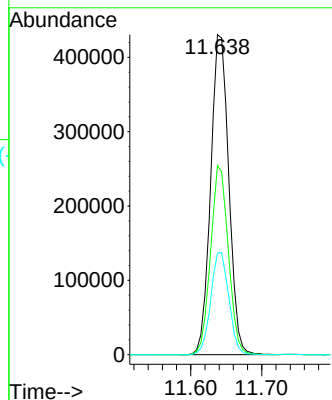
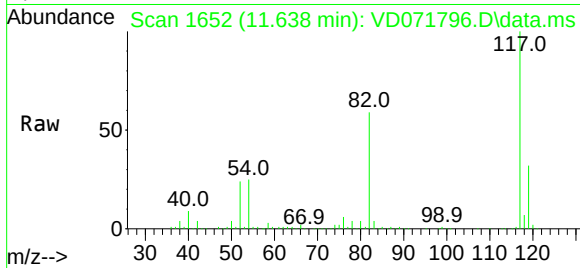




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071796.D
Acq: 27 Jan 2022 12:39

Instrument :
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ClientSampleId :
SP25-07-20220119-22.5-23.0

Tgt Ion:117 Resp: 761508
Ion Ratio Lower Upper
117 100
82 59.1 45.3 67.9
119 31.7 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: VD071796.D
Acq: 27 Jan 2022 12:39

Tgt Ion:152 Resp: 278031
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 154.0 0.0 348.6

