

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074527.D
 Acq On : 13 Oct 2022 14:12
 Operator : VA/SY
 Sample : N5066-05
 Misc : 5.47G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-6(13-14)

Quant Time: Oct 13 16:57:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

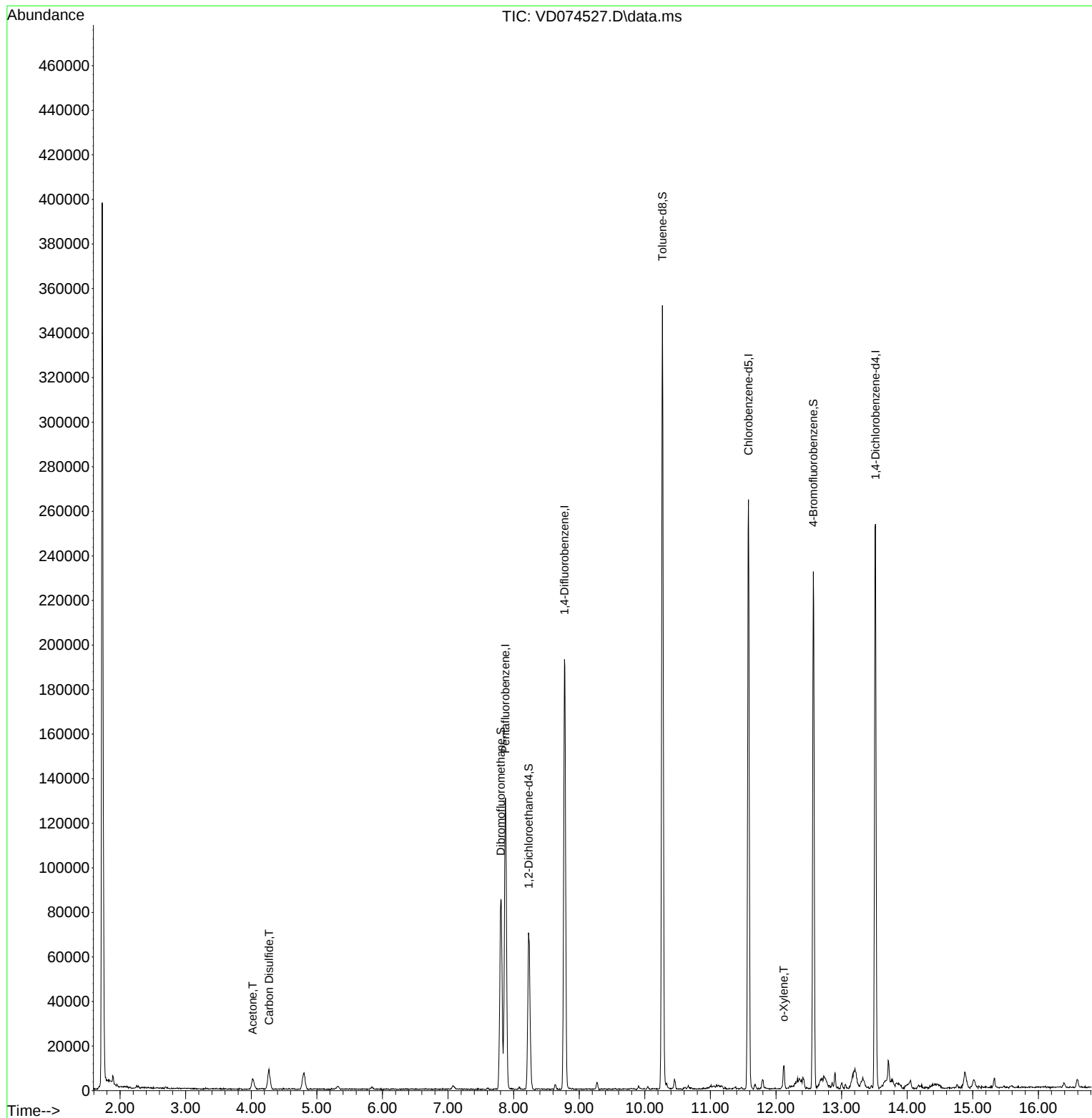
Internal Standards						
1) Pentafluorobenzene	7.875	168	106468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	186728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	165944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	74785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52327	57.099	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.200%
35) Dibromofluoromethane	7.805	113	65765	58.963	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.920%
50) Toluene-d8	10.269	98	249942	58.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.360%
62) 4-Bromofluorobenzene	12.569	95	73654	56.847	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.700%
Target Compounds						
						Qvalue
16) Acetone	4.022	43	8401	42.498	ug/l	96
17) Carbon Disulfide	4.269	76	18038	4.394	ug/l	100
69) o-Xylene	12.116	106	3172	1.354	ug/l	96

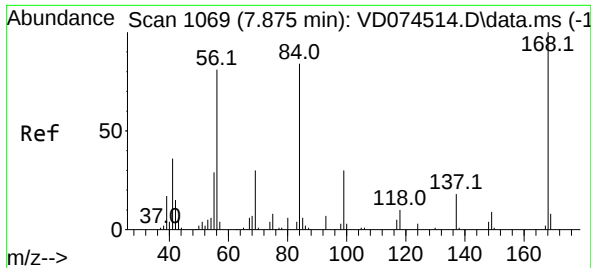
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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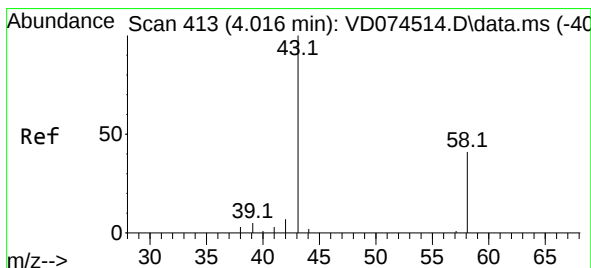
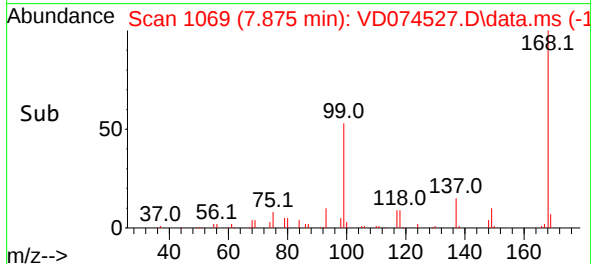
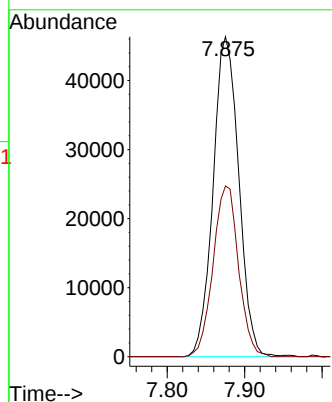
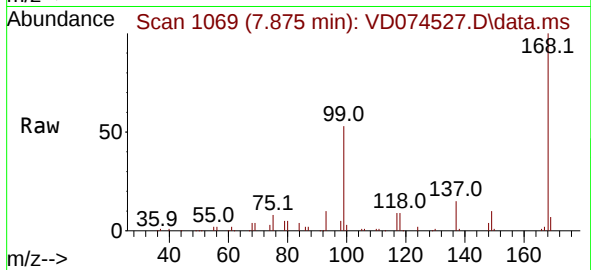




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074527.D
Acq: 13 Oct 2022 14:12

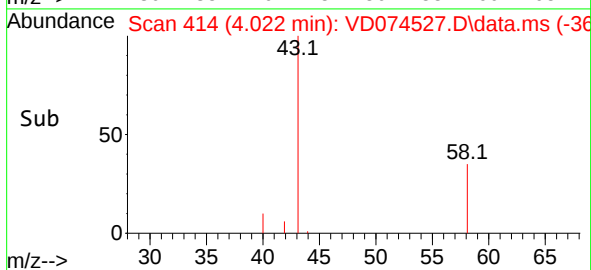
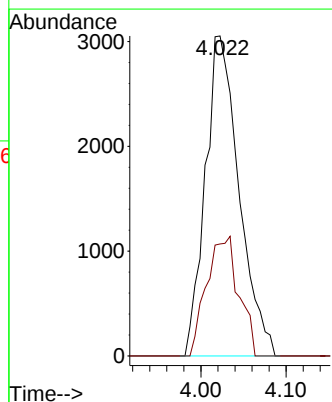
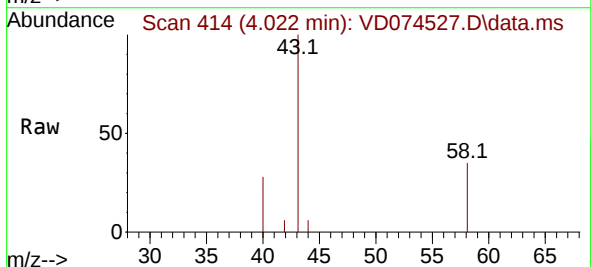
Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

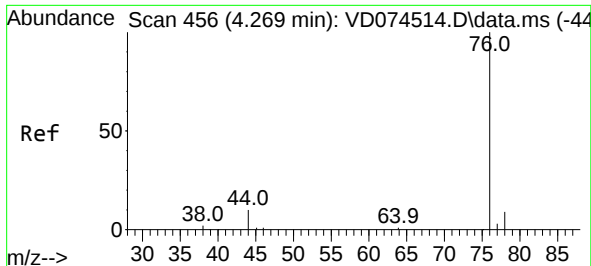
Tgt Ion:168 Resp: 106468
Ion Ratio Lower Upper
168 100
99 53.4 40.9 61.3



#16
Acetone
Concen: 42.498 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074527.D
Acq: 13 Oct 2022 14:12

Tgt Ion: 43 Resp: 8401
Ion Ratio Lower Upper
43 100
58 35.0 30.2 45.2

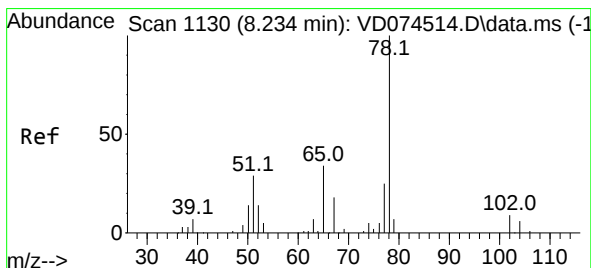
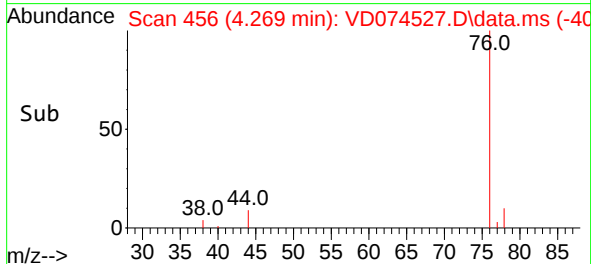
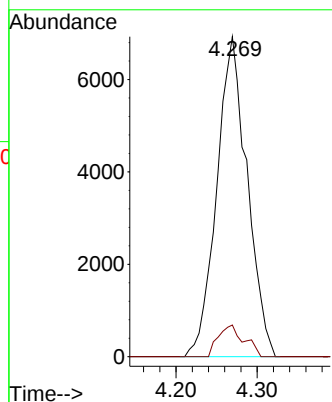
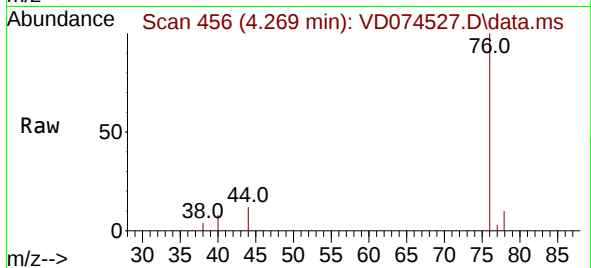




#17
Carbon Disulfide
Concen: 4.394 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074527.D
Acq: 13 Oct 2022 14:12

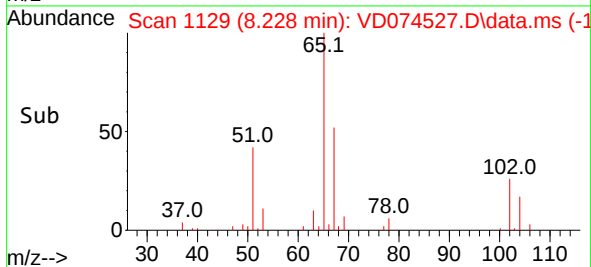
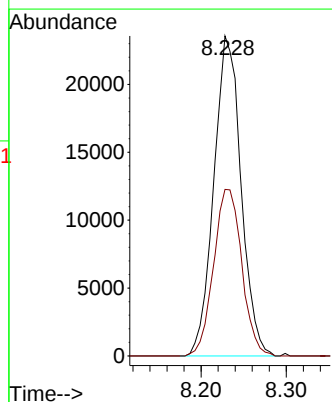
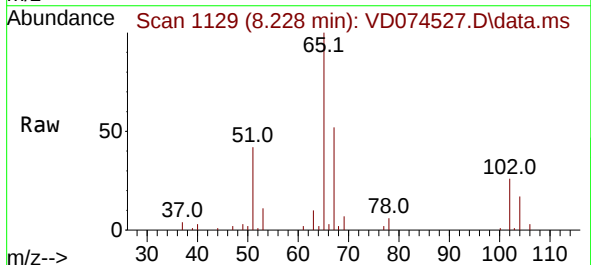
Instrument :
MSVOA_D
ClientSampleId :
B-6(13-14)

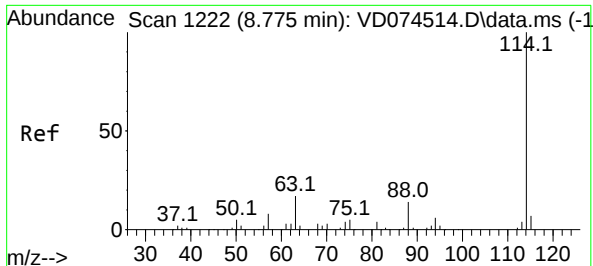
Tgt Ion: 76 Resp: 18038
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8



#33
1,2-Dichloroethane-d4
Concen: 57.099 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074527.D
Acq: 13 Oct 2022 14:12

Tgt Ion: 65 Resp: 52327
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074527.D

Acq: 13 Oct 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

B-6(13-14)

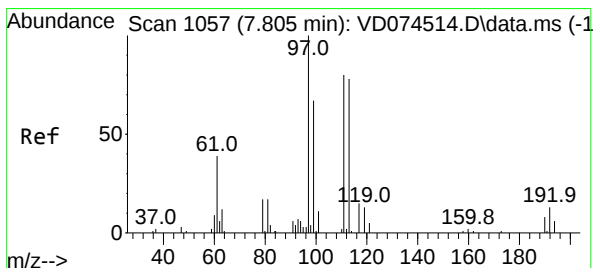
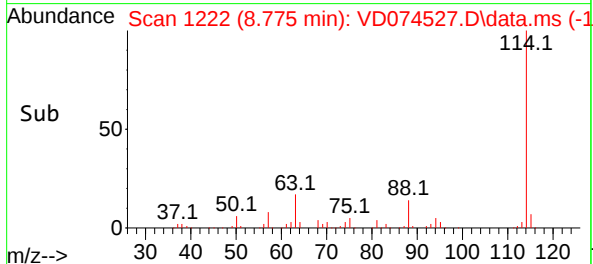
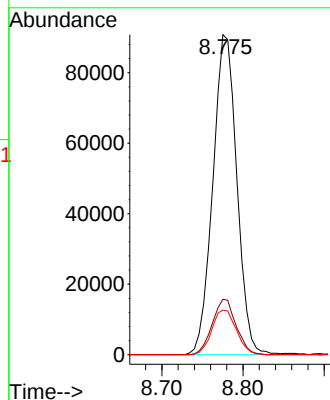
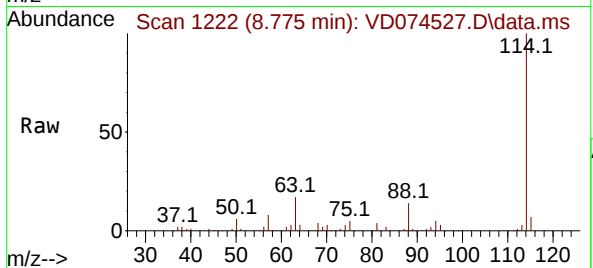
Tgt Ion:114 Resp: 186728

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.2

88 13.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 58.963 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD074527.D

Acq: 13 Oct 2022 14:12

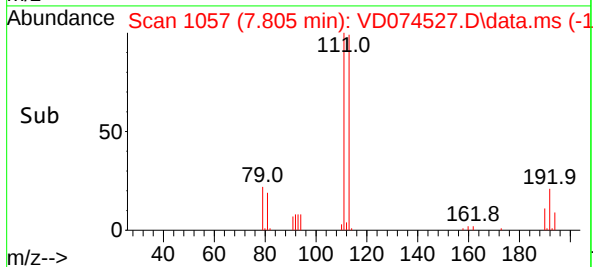
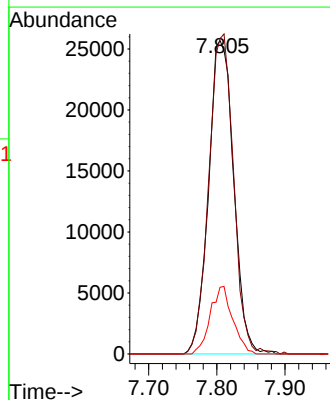
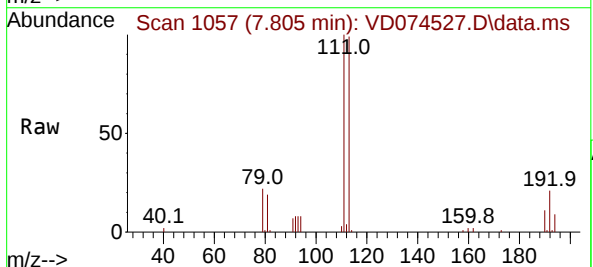
Tgt Ion:113 Resp: 65765

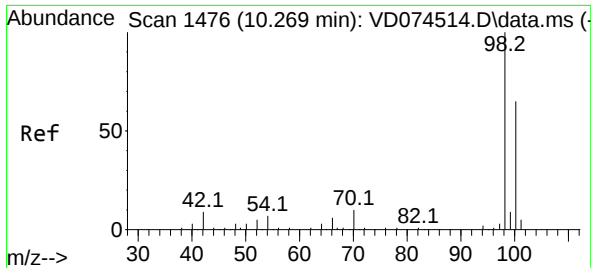
Ion Ratio Lower Upper

113 100

111 100.4 82.3 123.5

192 19.2 16.4 24.6

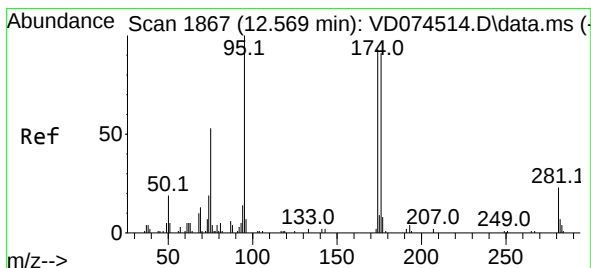
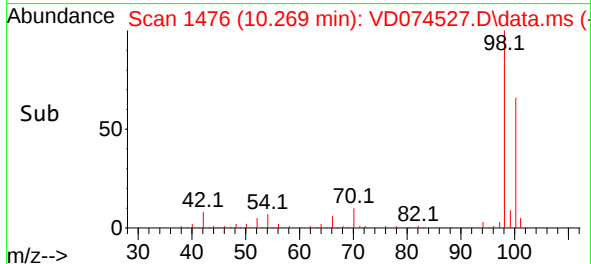
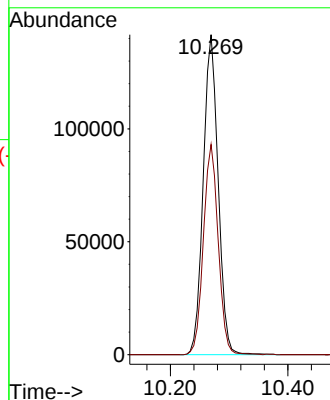
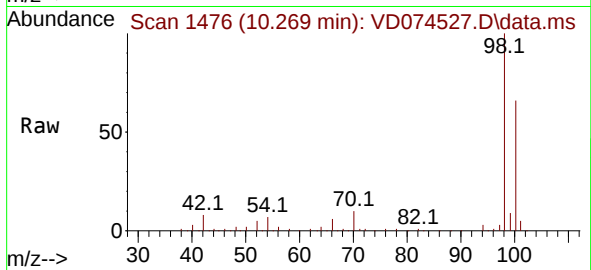




#50
Toluene-d8
Concen: 58.178 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074527.D
Acq: 13 Oct 2022 14:12

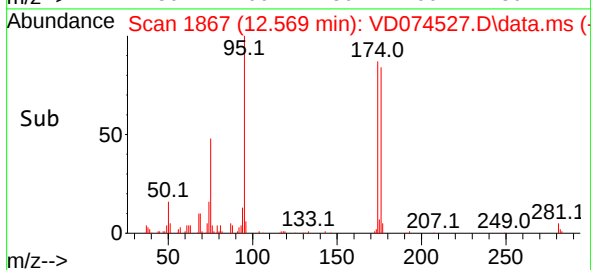
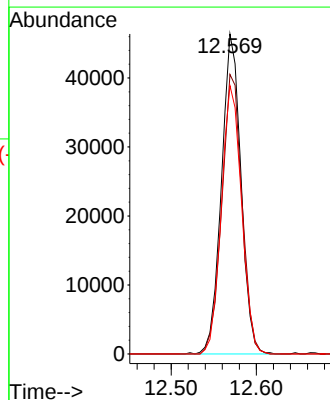
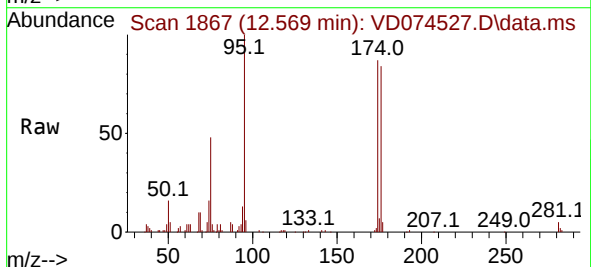
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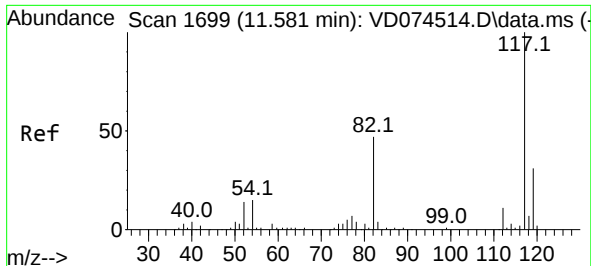
Tgt Ion: 98 Resp: 249942
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 56.847 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074527.D
Acq: 13 Oct 2022 14:12

Tgt Ion: 95 Resp: 73654
Ion Ratio Lower Upper
95 100
174 90.3 0.0 197.0
176 87.2 0.0 182.6

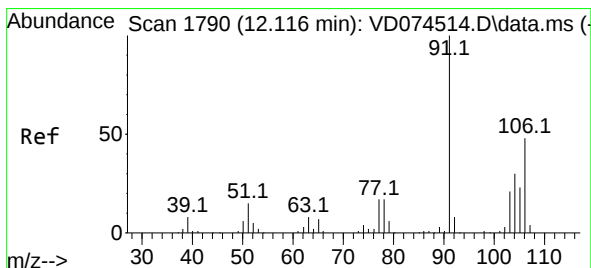
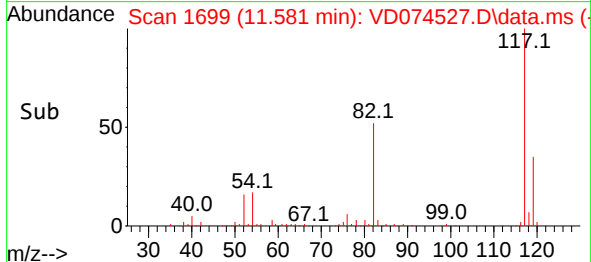
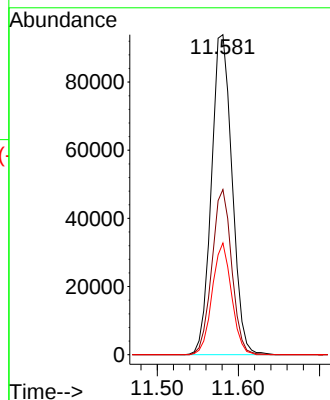
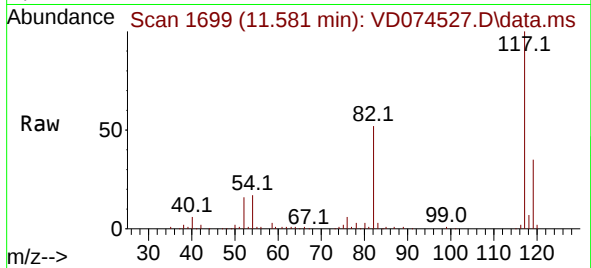




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074527.D
Acq: 13 Oct 2022 14:12

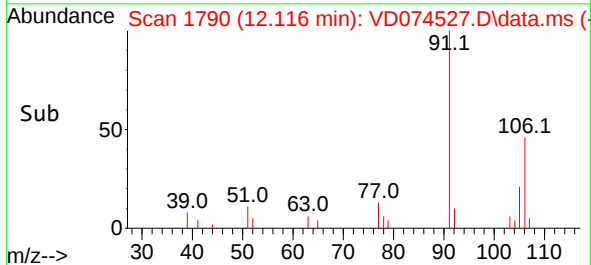
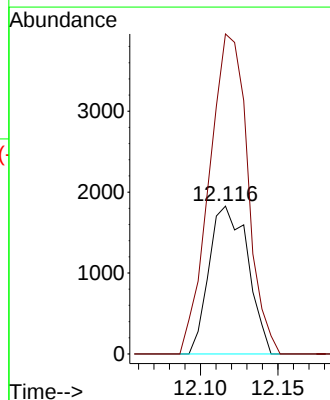
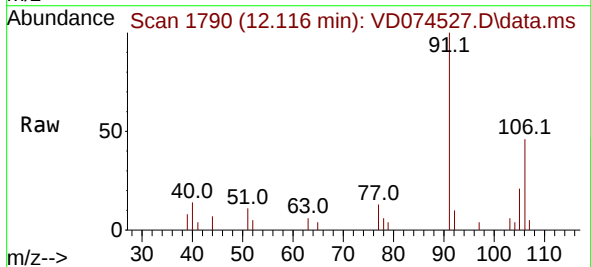
Instrument :
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ClientSampleId :
B-6(13-14)

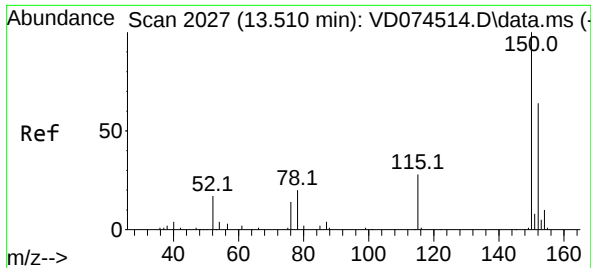
Tgt Ion:117 Resp: 165944
Ion Ratio Lower Upper
117 100
82 51.6 41.6 62.4
119 34.9 25.2 37.8



#69
o-Xylene
Concen: 1.354 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VD074527.D
Acq: 13 Oct 2022 14:12

Tgt Ion:106 Resp: 3172
Ion Ratio Lower Upper
106 100
91 215.0 104.5 313.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074527.D

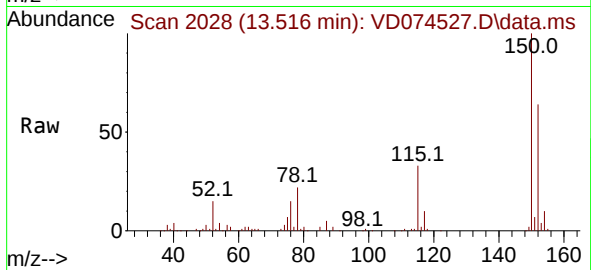
Acq: 13 Oct 2022 14:12

Instrument :

MSVOA_D

ClientSampleId :

B-6(13-14)



Tgt Ion:152 Resp: 74785

Ion Ratio Lower Upper

152 100

115 54.2 26.8 80.4

150 155.7 0.0 348.2

