

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074423.D
 Acq On : 26 Sep 2022 17:10
 Operator : VA/SY
 Sample : N4668-11
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22016-18

Quant Time: Sep 27 04:09:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

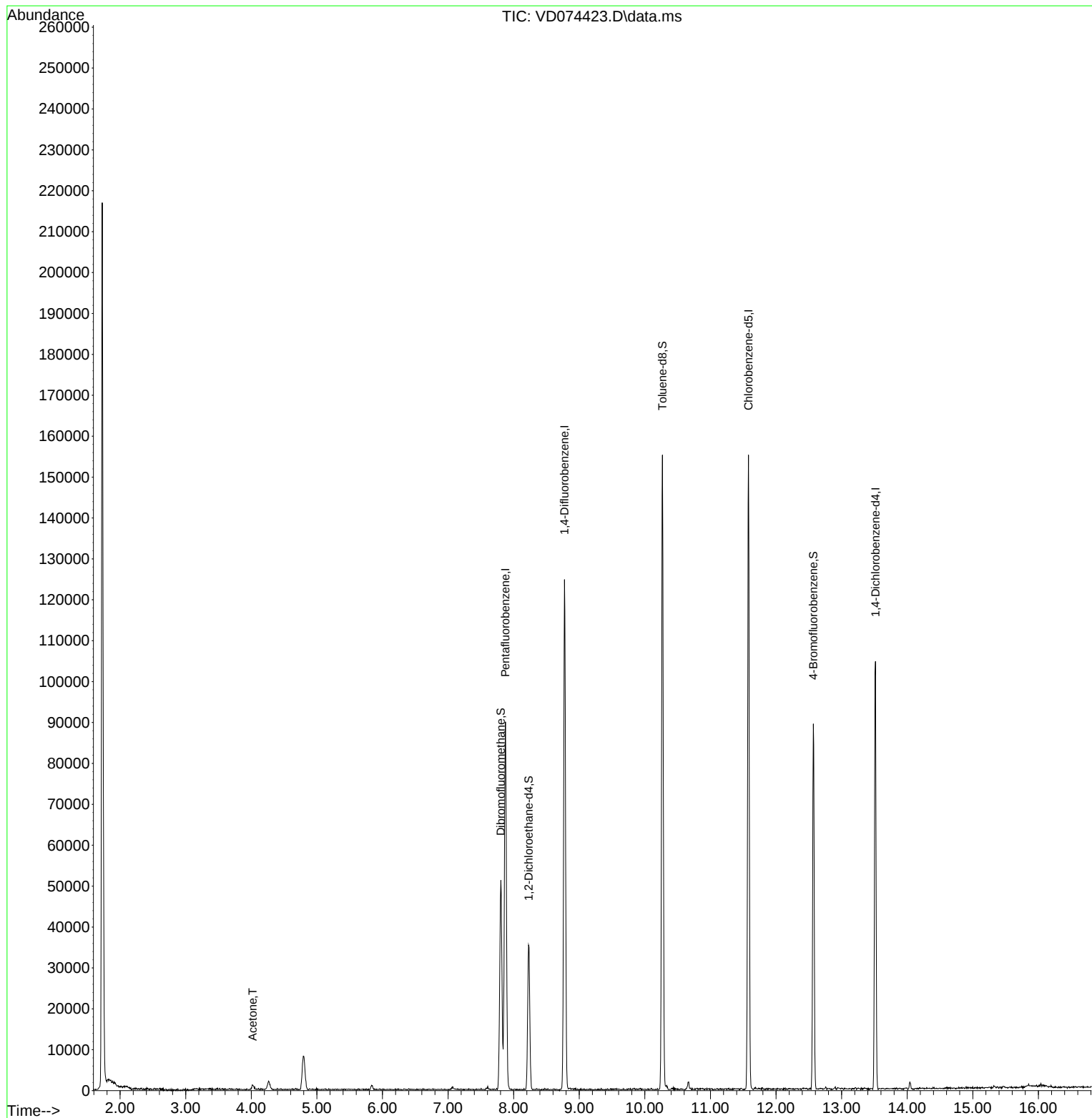
Internal Standards						
1) Pentafluorobenzene	7.875	168	73942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	117652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	96506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	30630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	28233	44.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.700%
35) Dibromofluoromethane	7.804	113	37664	47.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.760%
50) Toluene-d8	10.269	98	112844	42.176	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.360%
62) 4-Bromofluorobenzene	12.569	95	26870	25.897	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	51.800%
Target Compounds						
16) Acetone	4.022	43	1736	14.057	ug/l	Qvalue 89

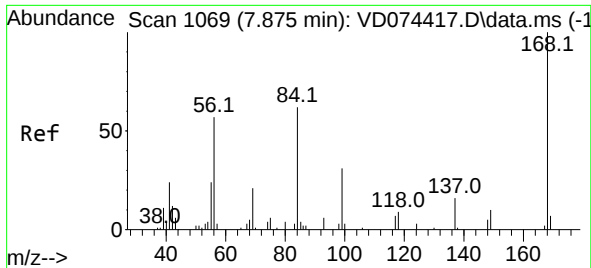
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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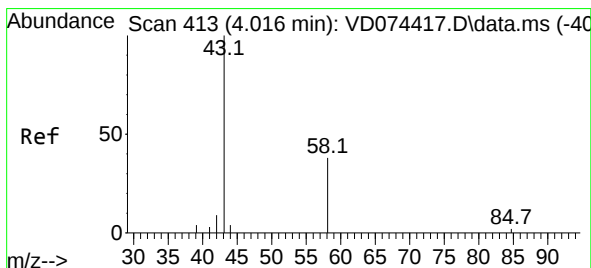
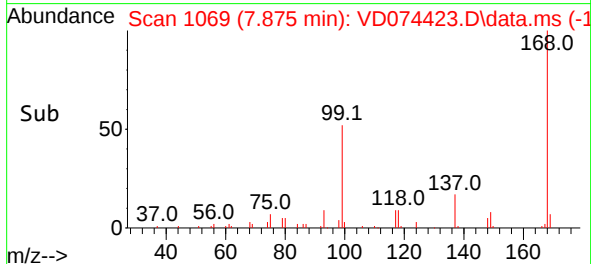
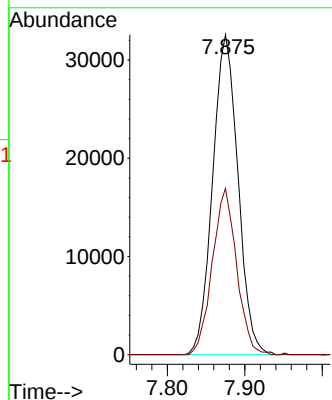
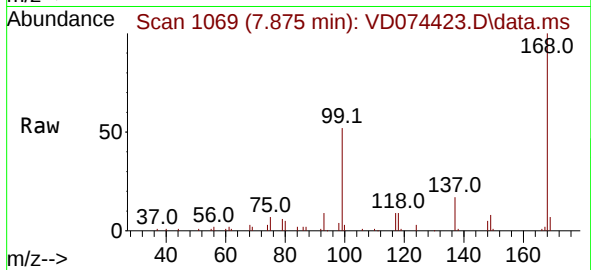




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074423.D
Acq: 26 Sep 2022 17:10

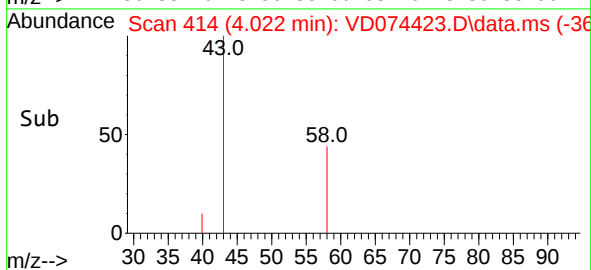
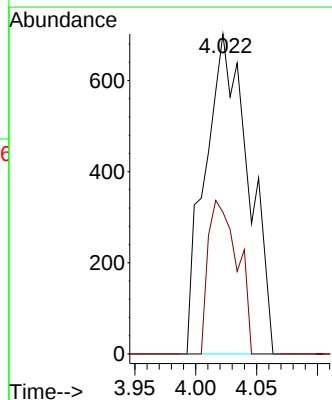
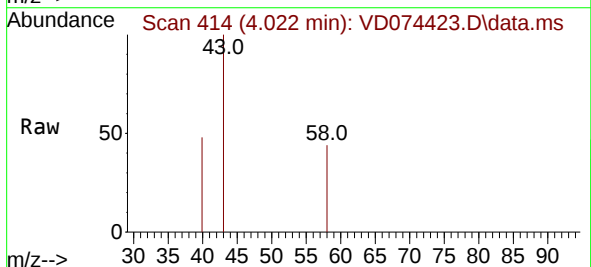
Instrument :
MSVOA_D
ClientSampleId :
D22016-18

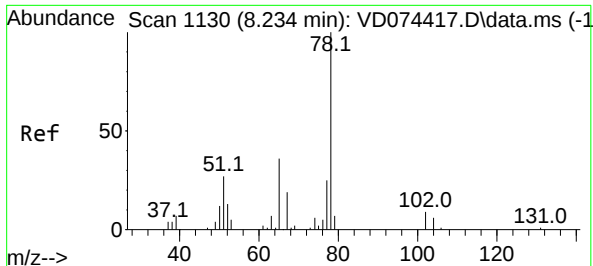
Tgt Ion:168 Resp: 73942
Ion Ratio Lower Upper
168 100
99 52.0 40.9 61.3



#16
Acetone
Concen: 14.057 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074423.D
Acq: 26 Sep 2022 17:10

Tgt Ion: 43 Resp: 1736
Ion Ratio Lower Upper
43 100
58 44.3 30.2 45.2





#33

1,2-Dichloroethane-d4

Concen: 44.350 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074423.D

Acq: 26 Sep 2022 17:10

Instrument :

MSVOA_D

ClientSampleId :

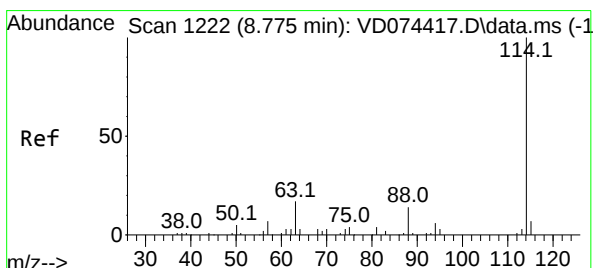
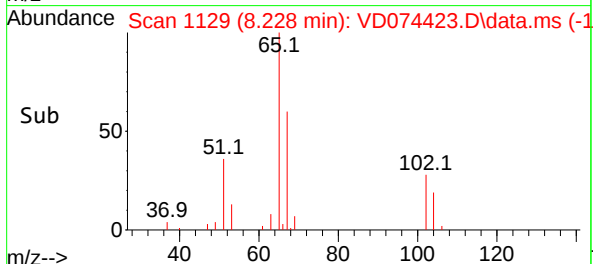
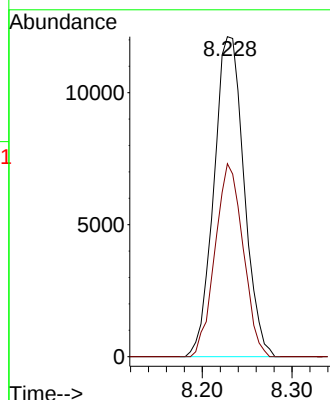
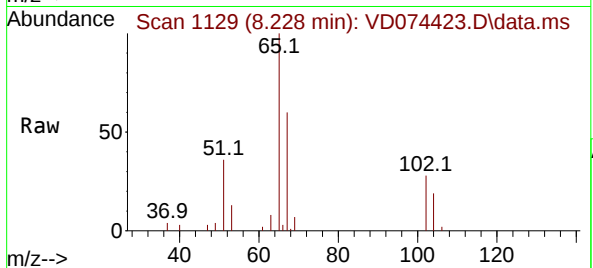
D22016-18

Tgt Ion: 65 Resp: 28233

Ion Ratio Lower Upper

65 100

67 56.2 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074423.D

Acq: 26 Sep 2022 17:10

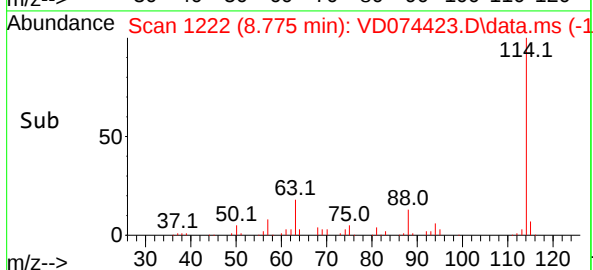
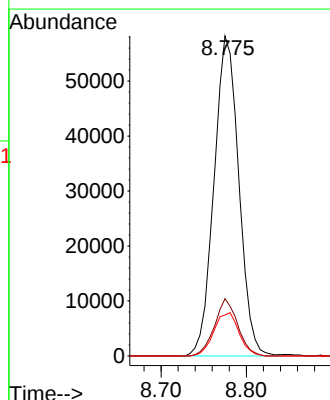
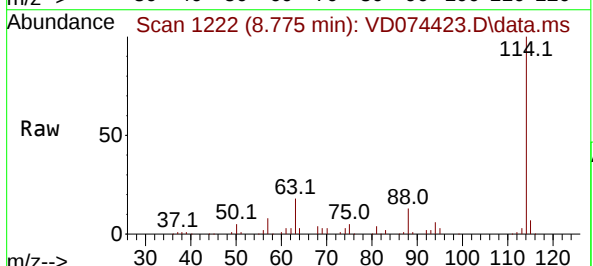
Tgt Ion: 114 Resp: 117652

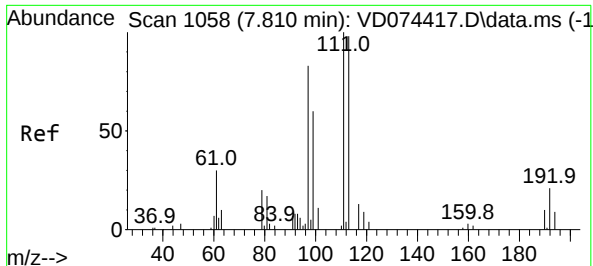
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.2

88 12.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 47.382 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD074423.D

Acq: 26 Sep 2022 17:10

Instrument :

MSVOA_D

ClientSampleId :

D22016-18

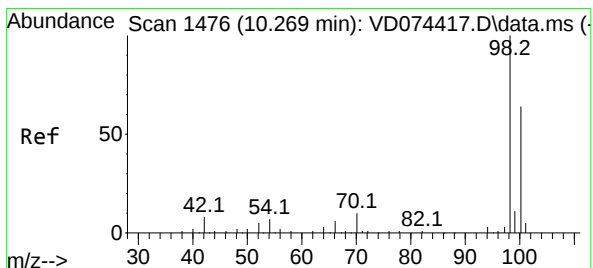
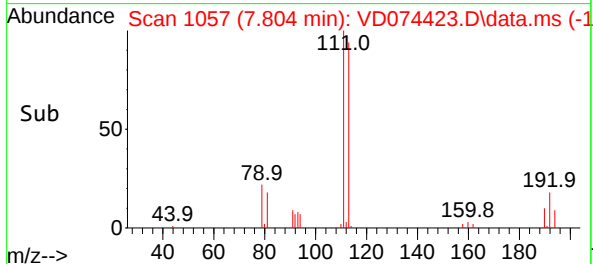
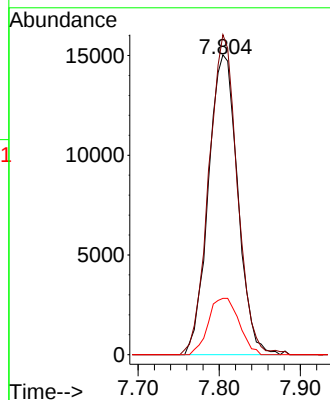
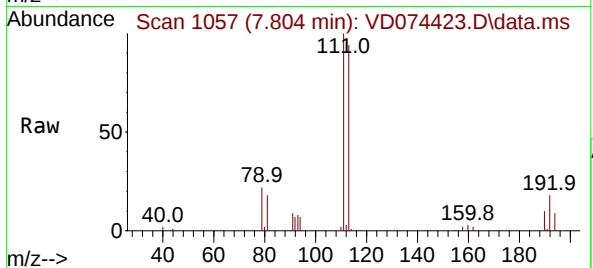
Tgt Ion:113 Resp: 37664

Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 19.6 16.4 24.6



#50

Toluene-d8

Concen: 42.176 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074423.D

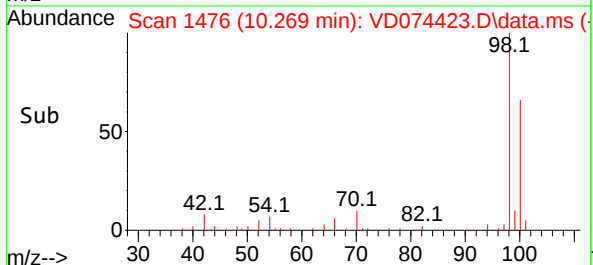
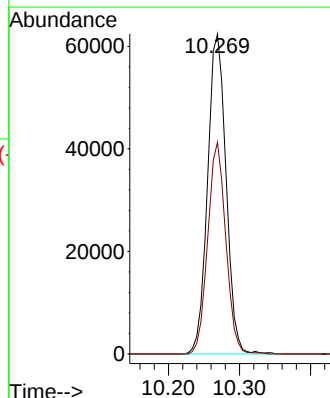
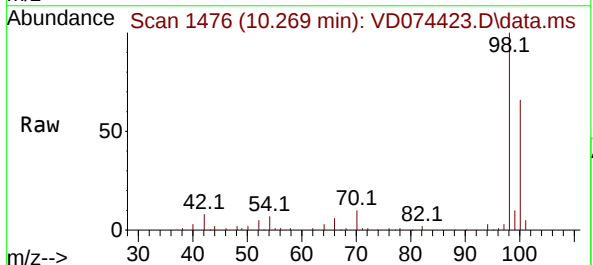
Acq: 26 Sep 2022 17:10

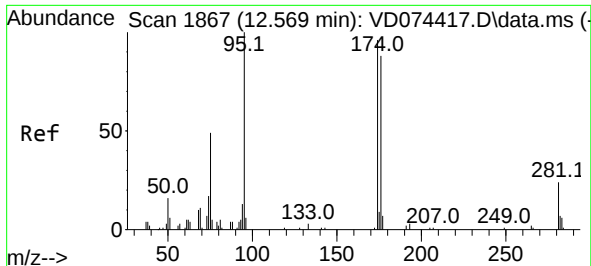
Tgt Ion: 98 Resp: 112844

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0

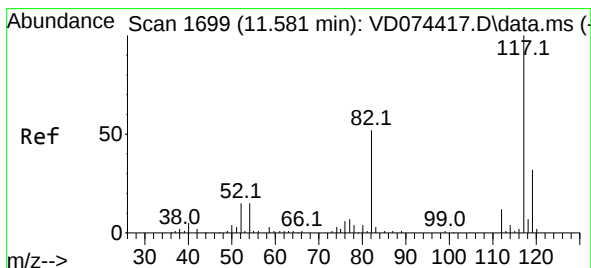
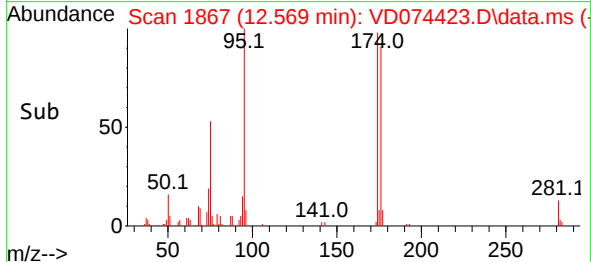
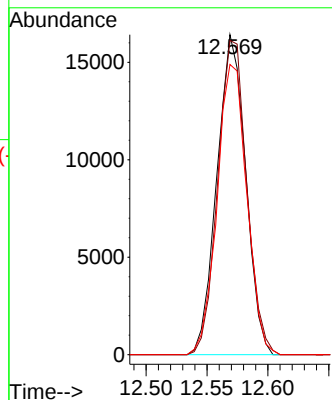
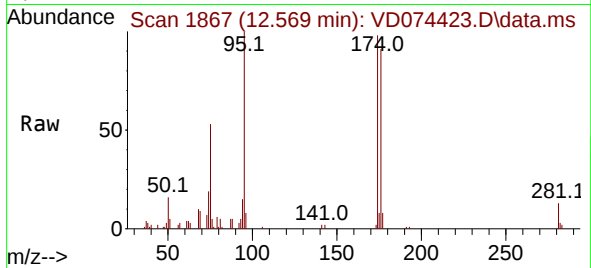




#62
4-Bromofluorobenzene
Concen: 25.897 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074423.D
Acq: 26 Sep 2022 17:10

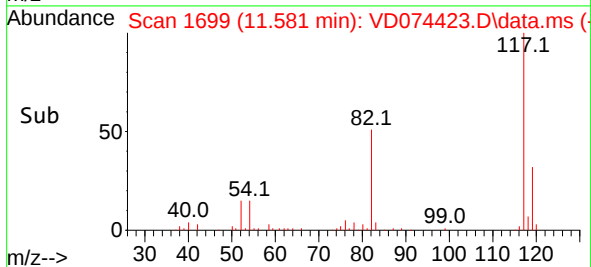
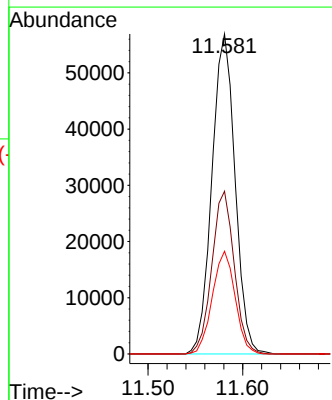
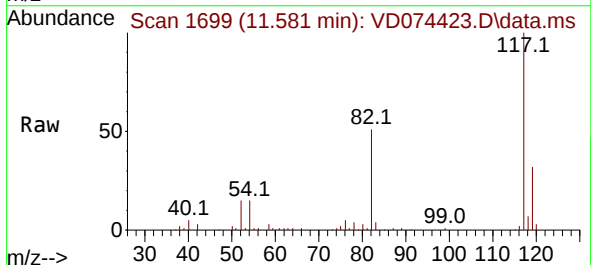
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D22016-18

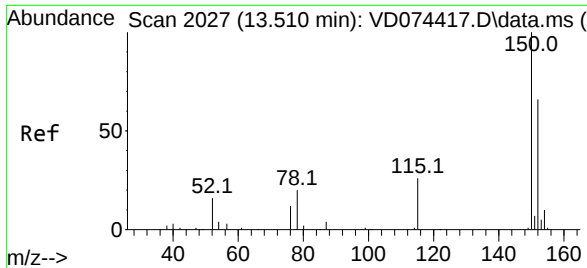
Tgt Ion:	95	Resp:	26870
Ion	Ratio	Lower	Upper
95	100		
174	99.2	0.0	197.0
176	93.8	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074423.D
Acq: 26 Sep 2022 17:10

Tgt Ion:	117	Resp:	96506
Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.6	62.4
119	32.1	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074423.D

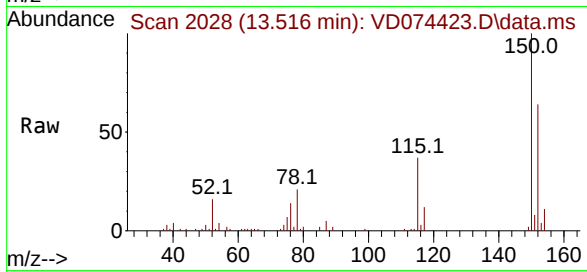
Acq: 26 Sep 2022 17:10

Instrument :

MSVOA_D

ClientSampleId :

D22016-18



Tgt Ion:152 Resp: 30630

Ion Ratio Lower Upper

152 100

115 56.0 26.8 80.4

150 157.9 0.0 348.2

