

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075064.D
 Acq On : 28 Dec 2022 14:27
 Operator : KP/SY
 Sample : N6220-04
 Misc : 5.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-CR

Quant Time: Dec 29 03:50:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

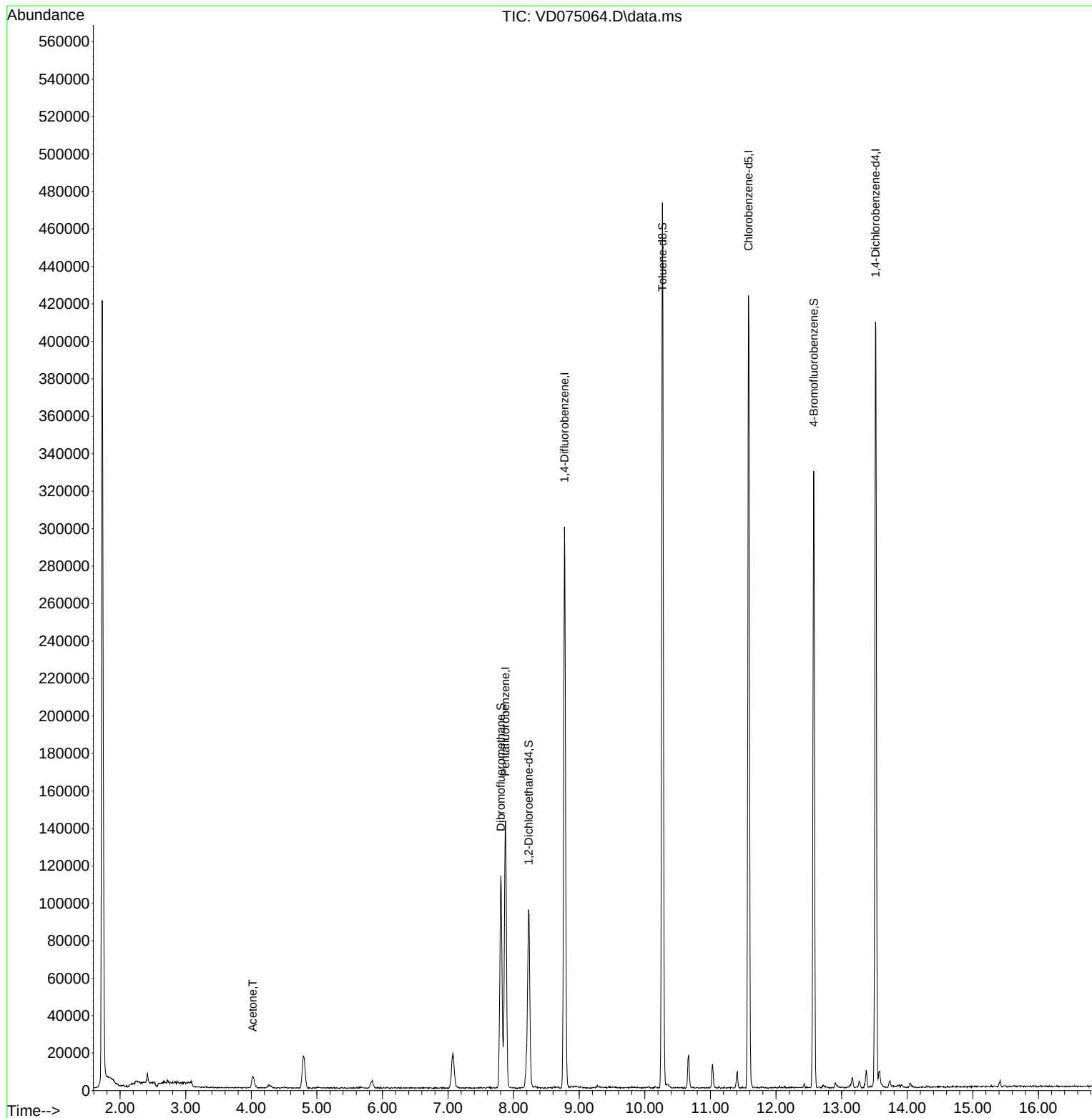
Internal Standards						
1) Pentafluorobenzene	7.875	168	108682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	266221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70971	66.807	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	133.620%	
35) Dibromofluoromethane	7.804	113	81785	52.207	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	104.420%	
50) Toluene-d8	10.269	98	322879	51.010	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	102.020%	
62) 4-Bromofluorobenzene	12.575	95	112316	54.773	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	109.540%	
Target Compounds						Qvalue
16) Acetone	4.022	43	11422	41.398	ug/l	88

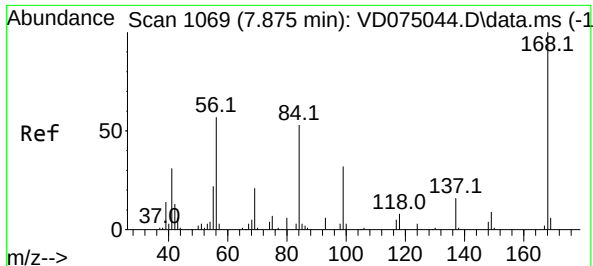
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

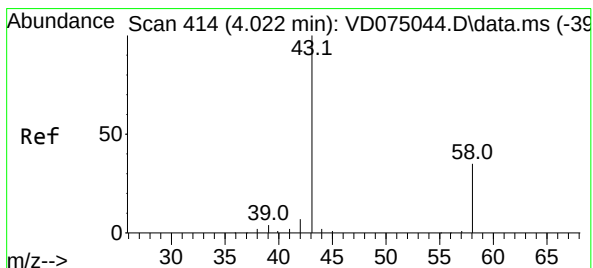
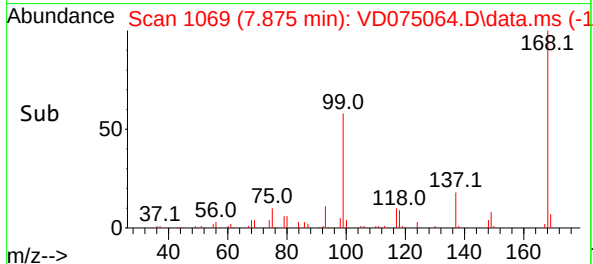
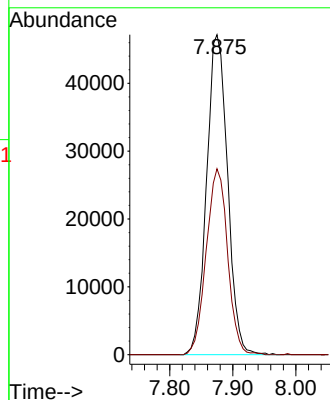
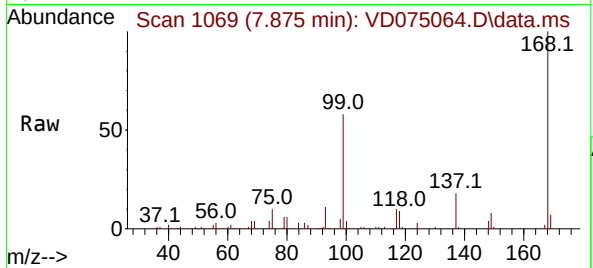




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075064.D
Acq: 28 Dec 2022 14:27

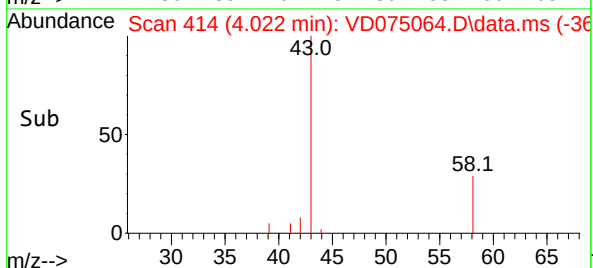
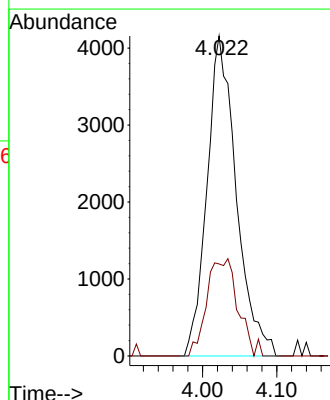
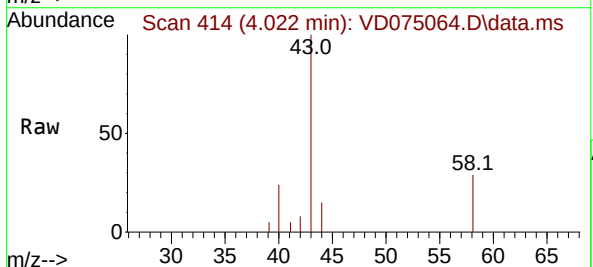
Instrument :
MSVOA_D
ClientSampleId :
TP-CR

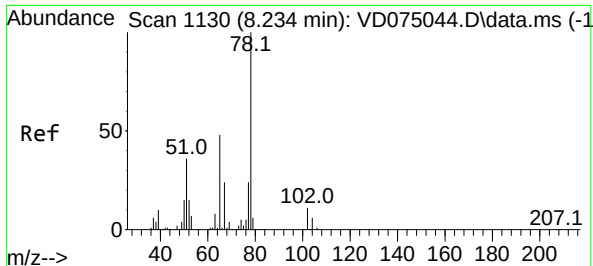
Tgt Ion:168 Resp: 108682
Ion Ratio Lower Upper
168 100
99 58.1 40.3 60.5



#16
Acetone
Concen: 41.398 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075064.D
Acq: 28 Dec 2022 14:27

Tgt Ion: 43 Resp: 11422
Ion Ratio Lower Upper
43 100
58 28.8 28.6 43.0





#33

1,2-Dichloroethane-d4

Concen: 66.807 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075064.D

Acq: 28 Dec 2022 14:27

Instrument :

MSVOA_D

ClientSampleId :

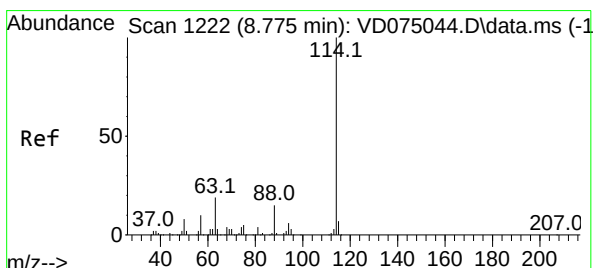
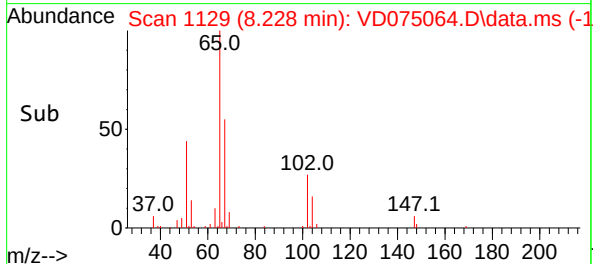
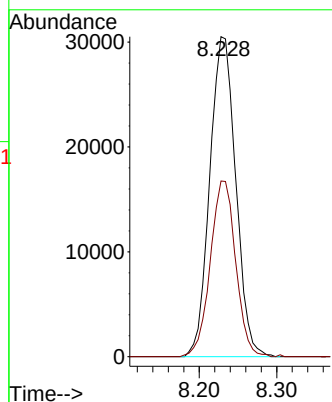
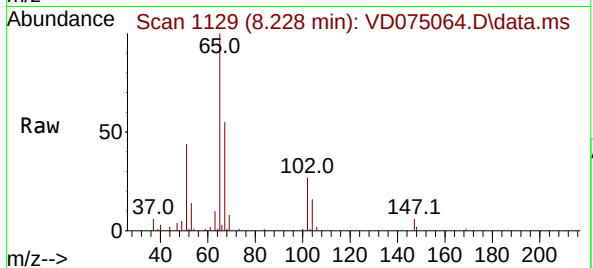
TP-CR

Tgt Ion: 65 Resp: 70971

Ion Ratio Lower Upper

65 100

67 53.8 0.0 111.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD075064.D

Acq: 28 Dec 2022 14:27

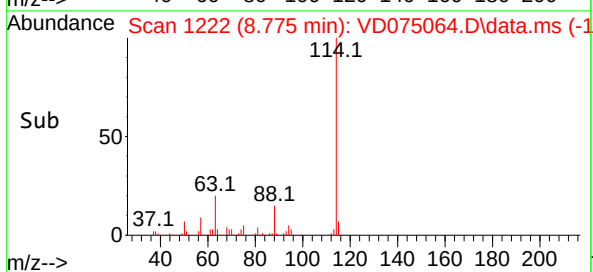
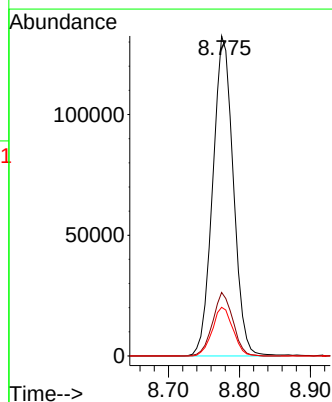
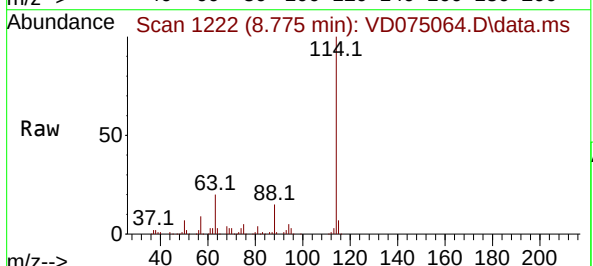
Tgt Ion: 114 Resp: 266221

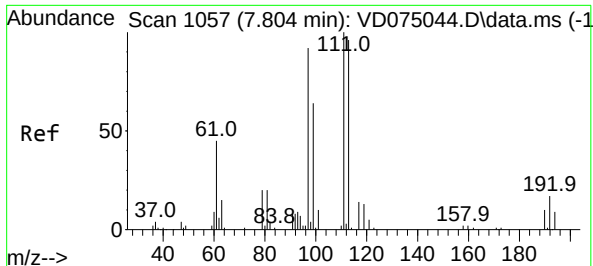
Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.8

88 15.2 0.0 27.8





#35

Dibromofluoromethane

Concen: 52.207 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD075064.D

Acq: 28 Dec 2022 14:27

Instrument :

MSVOA_D

ClientSampleId :

TP-CR

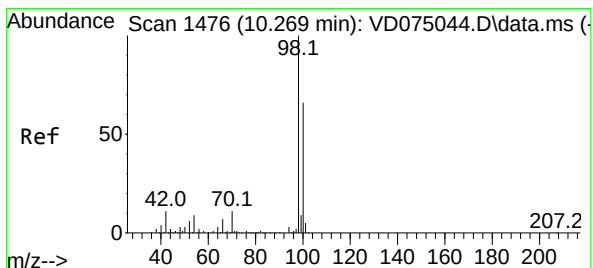
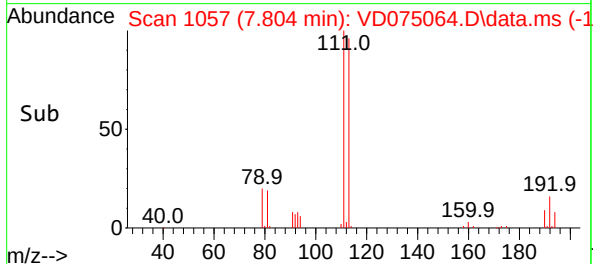
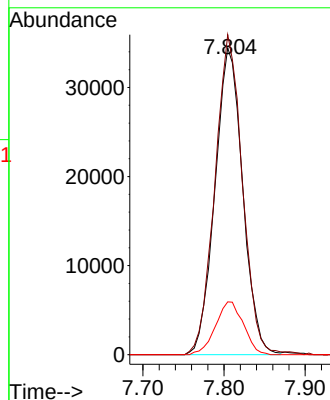
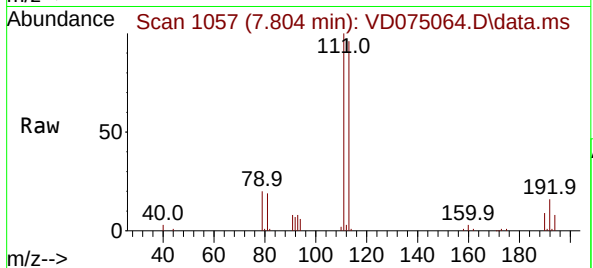
Tgt Ion:113 Resp: 81785

Ion Ratio Lower Upper

113 100

111 103.7 82.1 123.1

192 17.3 15.1 22.7



#50

Toluene-d8

Concen: 51.010 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075064.D

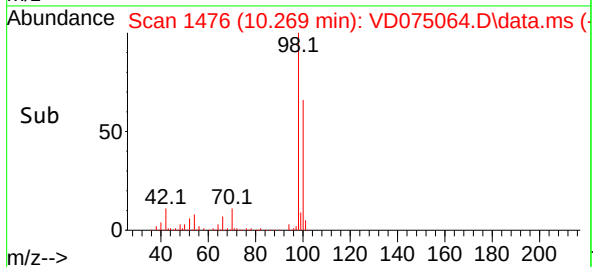
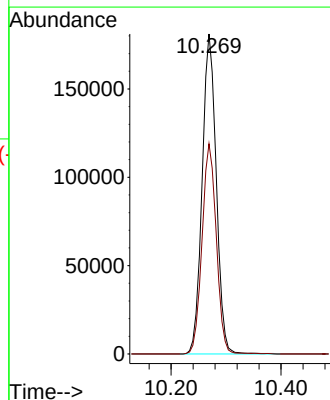
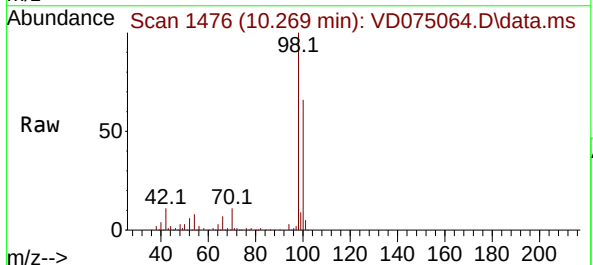
Acq: 28 Dec 2022 14:27

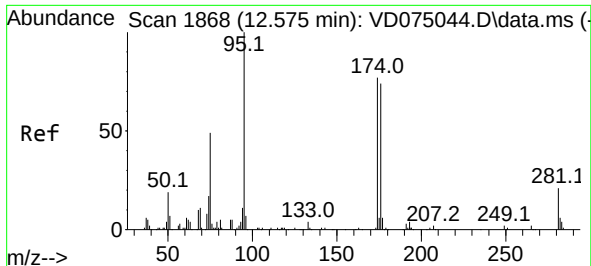
Tgt Ion: 98 Resp: 322879

Ion Ratio Lower Upper

98 100

100 66.3 52.2 78.2

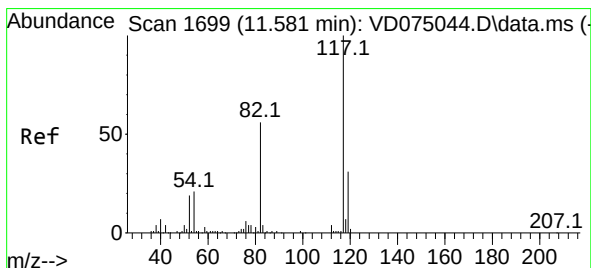
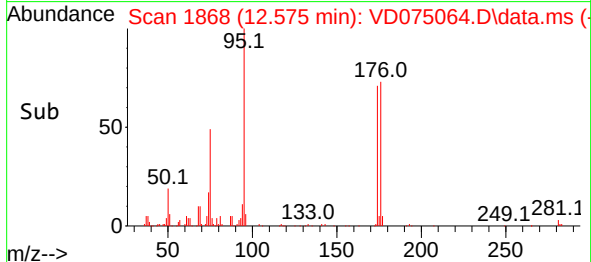
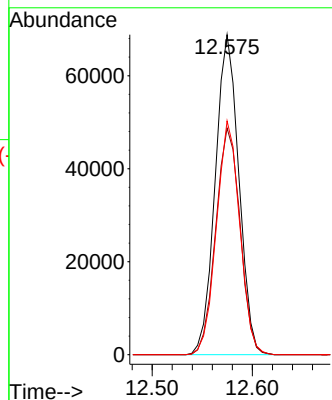
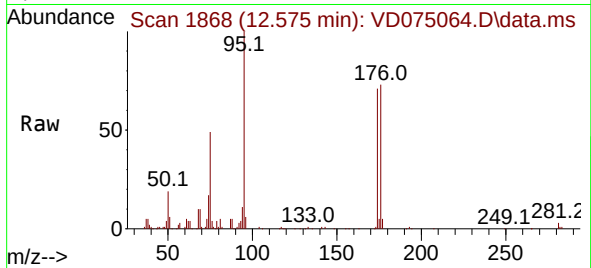




#62
4-Bromofluorobenzene
Concen: 54.773 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075064.D
Acq: 28 Dec 2022 14:27

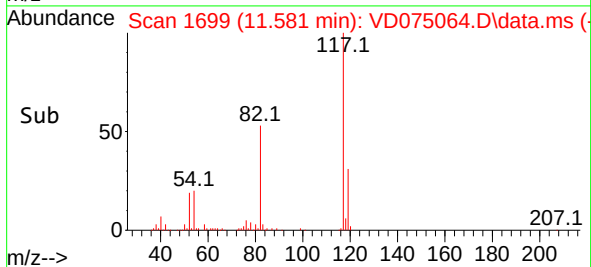
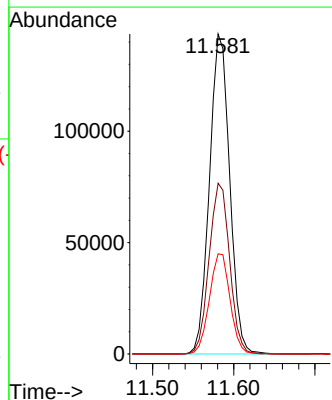
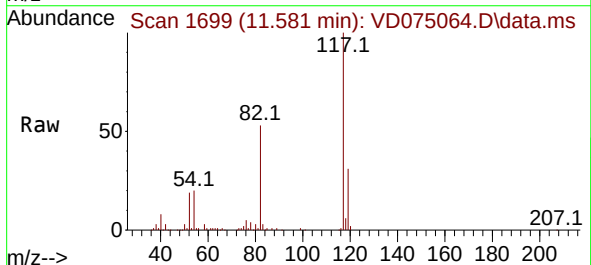
Instrument :
MSVOA_D
ClientSampleId :
TP-CR

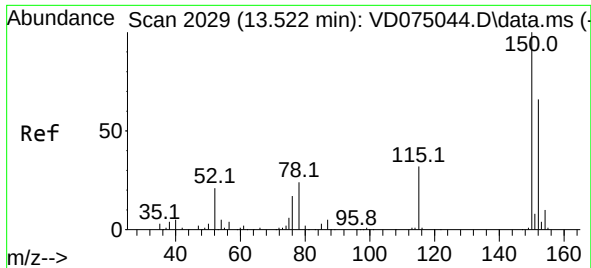
Tgt Ion: 95 Resp: 112316
Ion Ratio Lower Upper
95 100
174 73.0 0.0 171.2
176 72.3 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075064.D
Acq: 28 Dec 2022 14:27

Tgt Ion: 117 Resp: 248211
Ion Ratio Lower Upper
117 100
82 53.3 40.9 61.3
119 31.3 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD075064.D

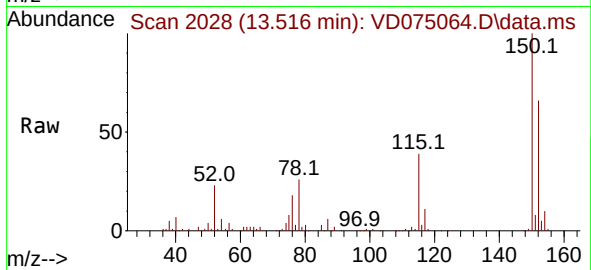
Acq: 28 Dec 2022 14:27

Instrument :

MSVOA_D

ClientSampleId :

TP-CR



Tgt Ion:152 Resp: 109851

Ion Ratio Lower Upper

152 100

115 60.0 28.8 86.5

150 157.5 0.0 354.2

