

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122722\
 Data File : VD075055.D
 Acq On : 27 Dec 2022 16:15
 Operator : KP/SY
 Sample : N6183-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-3

Quant Time: Dec 28 01:53:16 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)

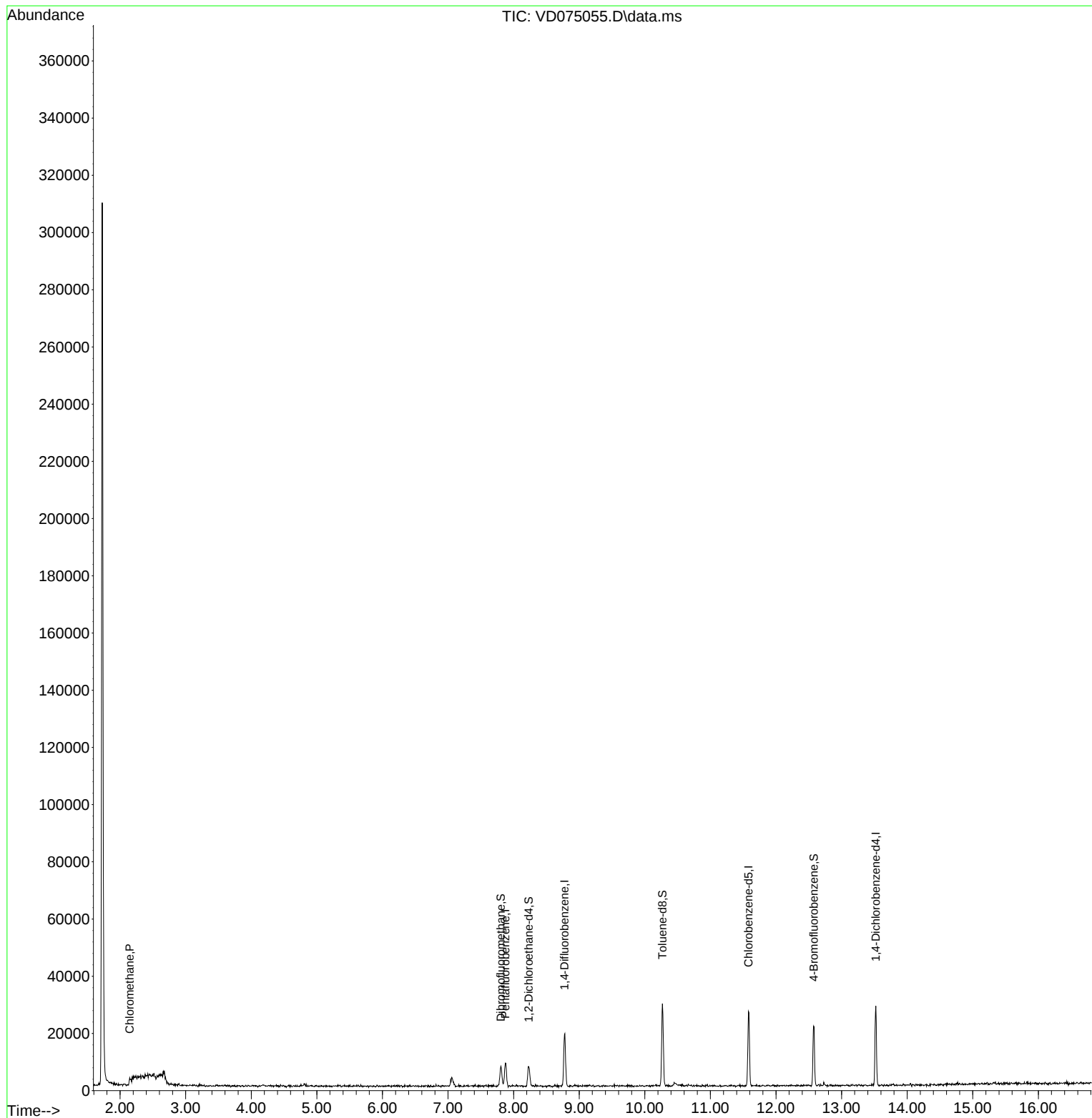
Internal Standards						
1) Pentafluorobenzene	7.875	168	7049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	16725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	15645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	7618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	5873	85.237	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 170.480%#		
35) Dibromofluoromethane	7.805	113	5192	52.755	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 105.520%		
50) Toluene-d8	10.269	98	21233	53.395	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 106.800%		
62) 4-Bromofluorobenzene	12.575	95	8120	63.031	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 126.060%		
Target Compounds						
3) Chloromethane	2.146	50	616	7.000	ug/l	Qvalue 92

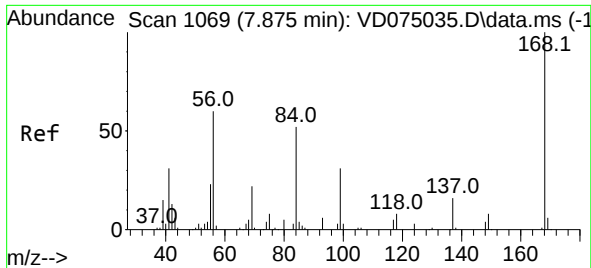
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.M
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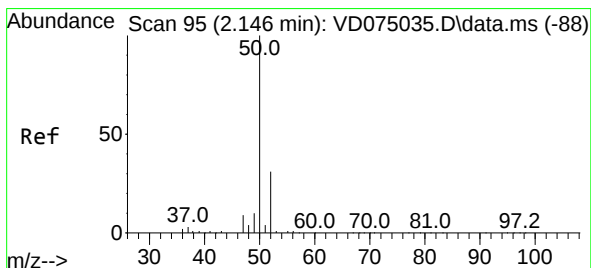
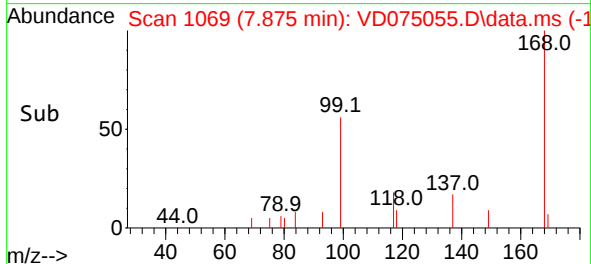
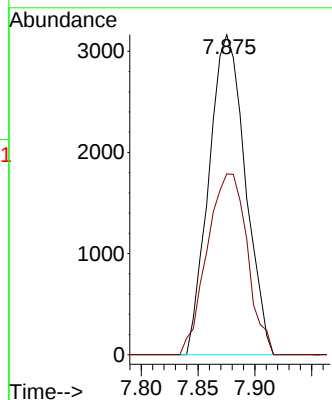
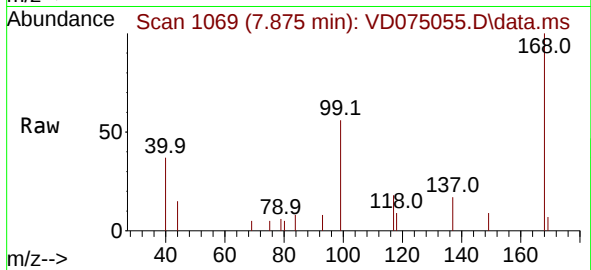




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075055.D
Acq: 27 Dec 2022 16:15

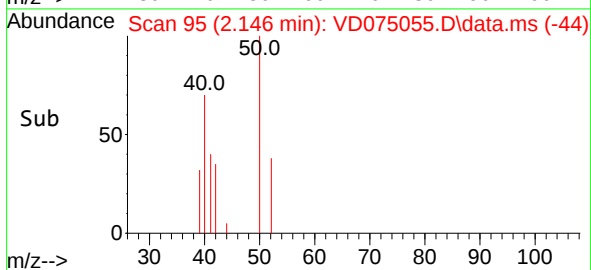
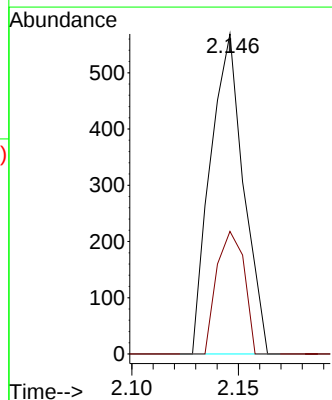
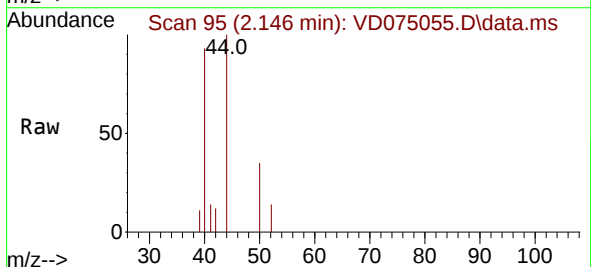
Instrument :
MSVOA_D
ClientSampleId :
R-3

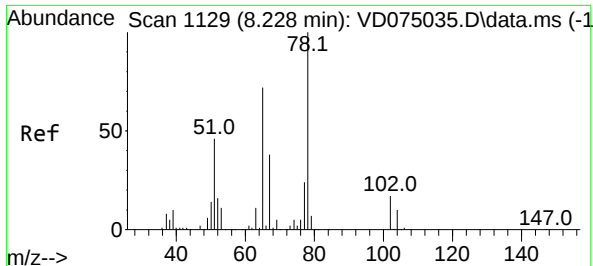
Tgt Ion:168 Resp: 7049
Ion Ratio Lower Upper
168 100
99 56.5 40.3 60.5



#3
Chloromethane
Concen: 7.000 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075055.D
Acq: 27 Dec 2022 16:15

Tgt Ion: 50 Resp: 616
Ion Ratio Lower Upper
50 100
52 38.3 27.2 40.8





#33

1,2-Dichloroethane-d4

Concen: 85.237 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075055.D

Acq: 27 Dec 2022 16:15

Instrument :

MSVOA_D

ClientSampleId :

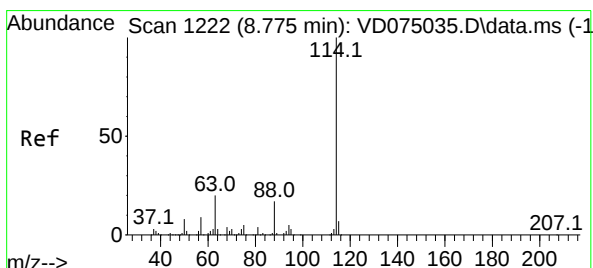
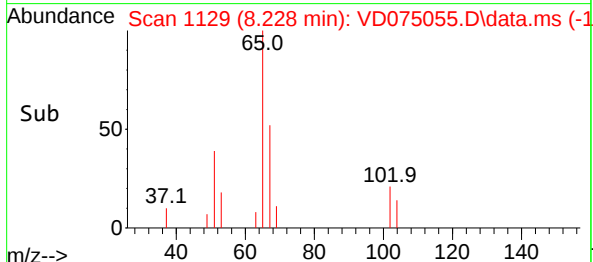
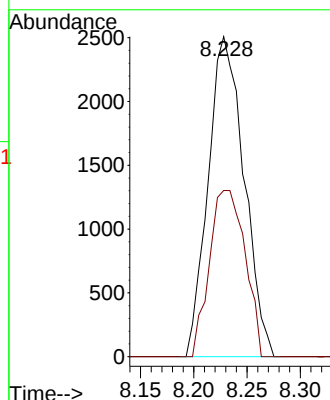
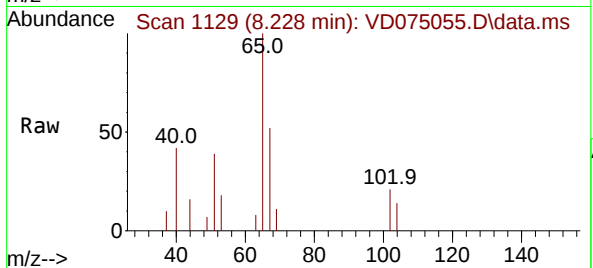
R-3

Tgt Ion: 65 Resp: 5873

Ion Ratio Lower Upper

65 100

67 51.6 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: VD075055.D

Acq: 27 Dec 2022 16:15

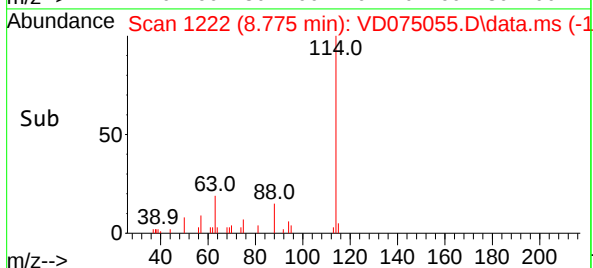
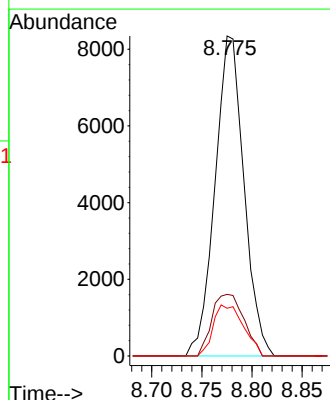
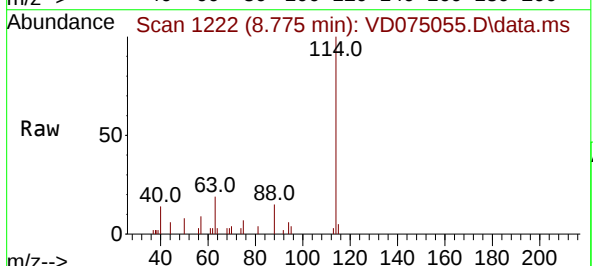
Tgt Ion: 114 Resp: 16725

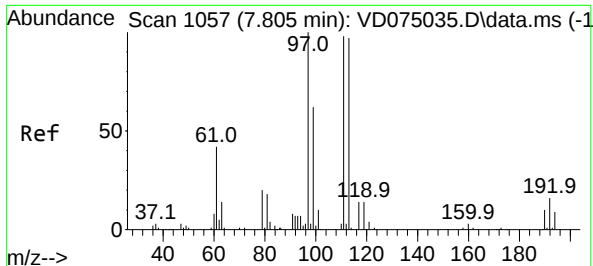
Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.8

88 14.9 0.0 27.8





#35

Dibromofluoromethane

Concen: 52.755 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075055.D

Acq: 27 Dec 2022 16:15

Instrument :

MSVOA_D

ClientSampleId :

R-3

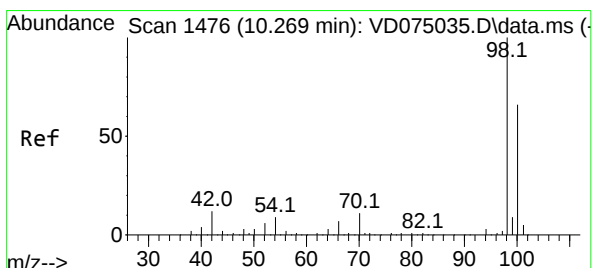
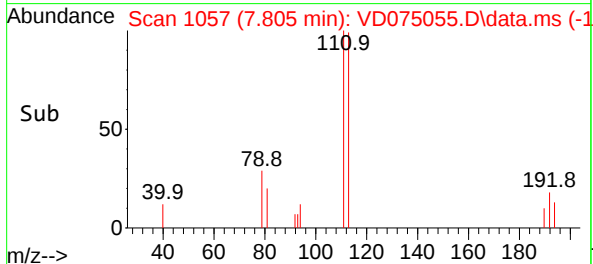
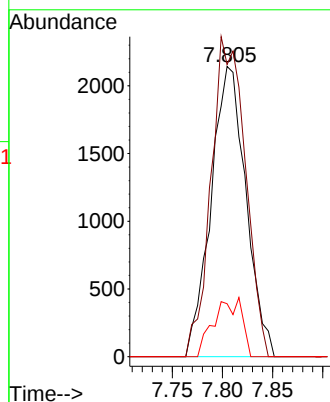
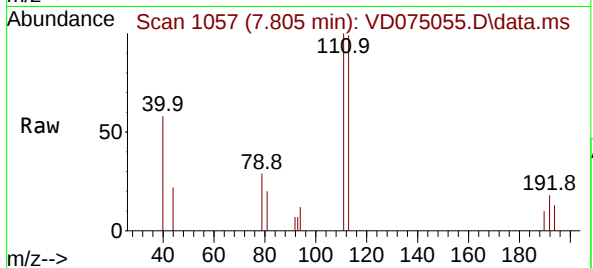
Tgt Ion:113 Resp: 5192

Ion Ratio Lower Upper

113 100

111 107.5 82.1 123.1

192 16.2 15.1 22.7



#50

Toluene-d8

Concen: 53.395 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075055.D

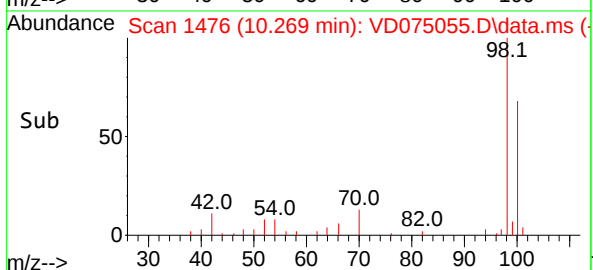
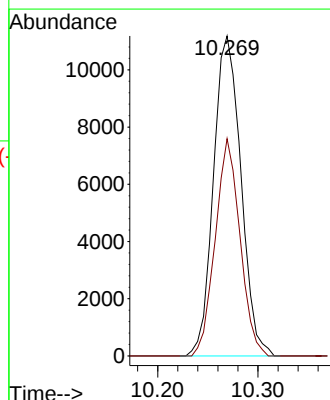
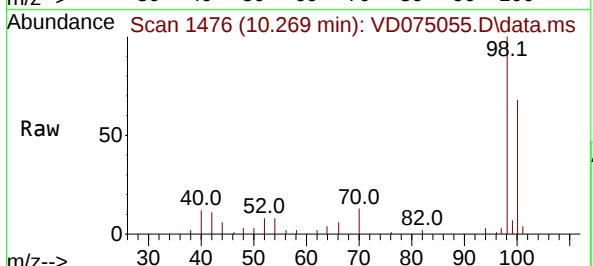
Acq: 27 Dec 2022 16:15

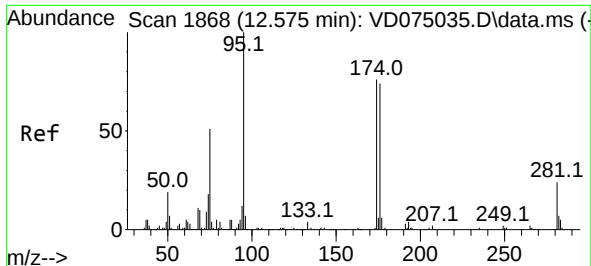
Tgt Ion: 98 Resp: 21233

Ion Ratio Lower Upper

98 100

100 61.3 52.2 78.2

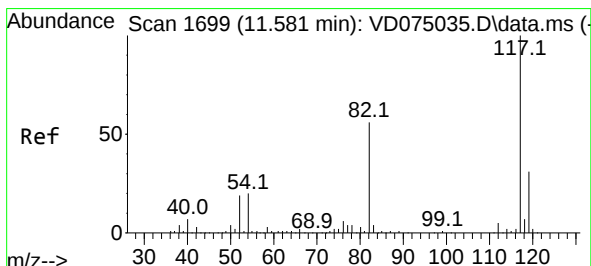
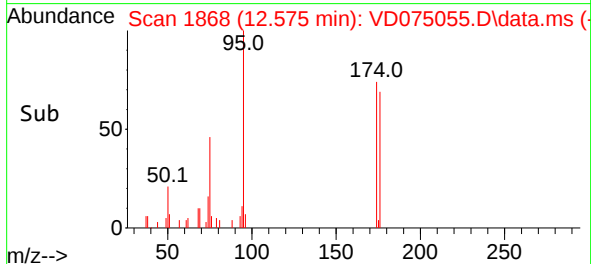
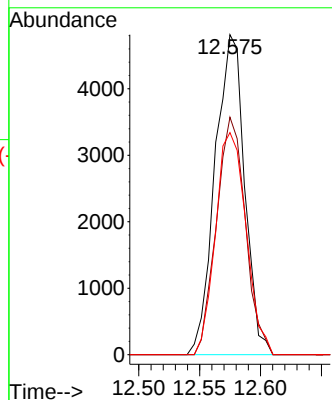
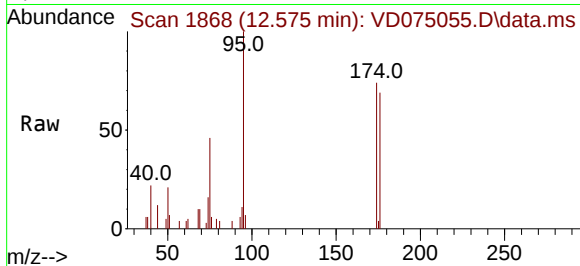




#62
4-Bromofluorobenzene
Concen: 63.031 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075055.D
Acq: 27 Dec 2022 16:15

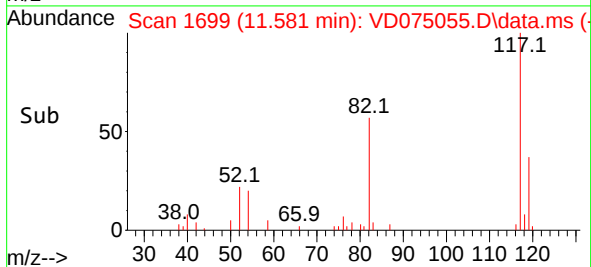
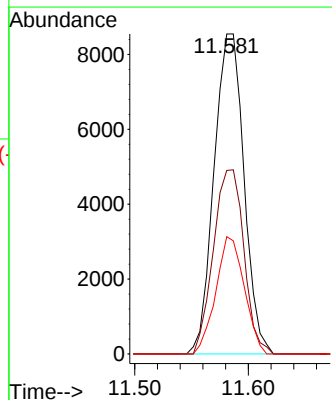
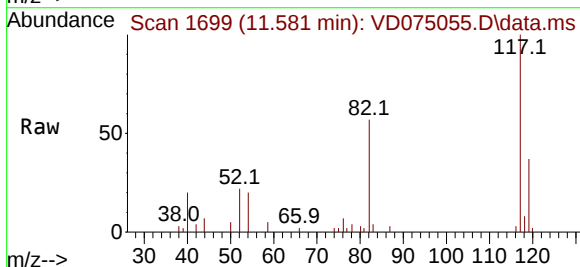
Instrument :
MSVOA_D
ClientSampleId :
R-3

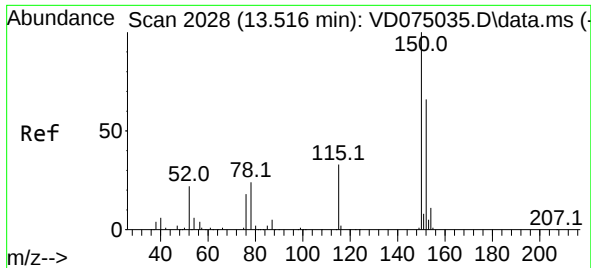
Tgt Ion:	95	Resp:	8120
Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	171.2
176	71.9	0.0	165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075055.D
Acq: 27 Dec 2022 16:15

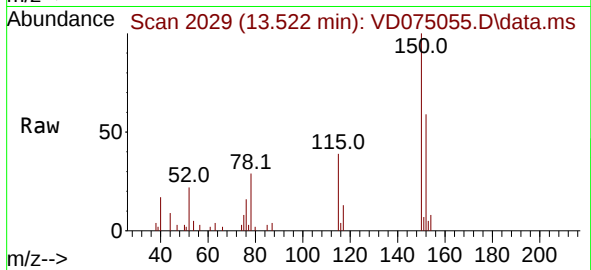
Tgt Ion:	117	Resp:	15645
Ion	Ratio	Lower	Upper
117	100		
82	57.3	40.9	61.3
119	36.7	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD075055.D
 Acq: 27 Dec 2022 16:15

Instrument :
 MSVOA_D
 ClientSampleId :
 R-3



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	28.8	86.5
150	155.4	0.0	354.2

