

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075075.D
 Acq On : 28 Dec 2022 19:34
 Operator : KP/SY
 Sample : N6231-04
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2S

Quant Time: Dec 29 03:54:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122222S.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)

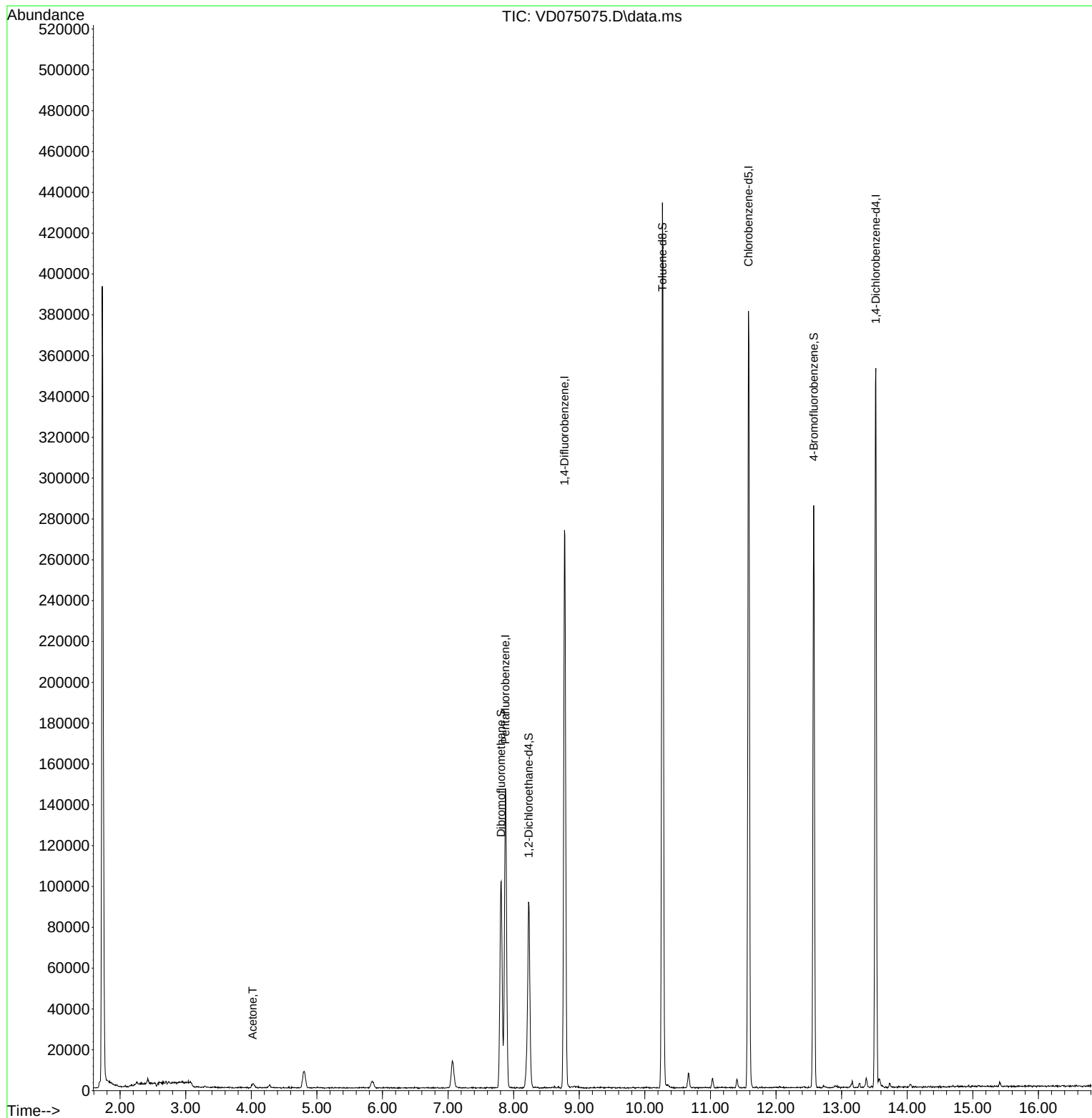
Internal Standards						
1) Pentafluorobenzene	7.875	168	109814	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	252471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	92789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	67392	62.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.560%	
35) Dibromofluoromethane	7.810	113	76003	51.158	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.320%	
50) Toluene-d8	10.269	98	302397	50.376	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.760%	
62) 4-Bromofluorobenzene	12.575	95	98421	50.611	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.220%	
Target Compounds						
16) Acetone	4.022	43	4303	15.435	ug/l	# 83

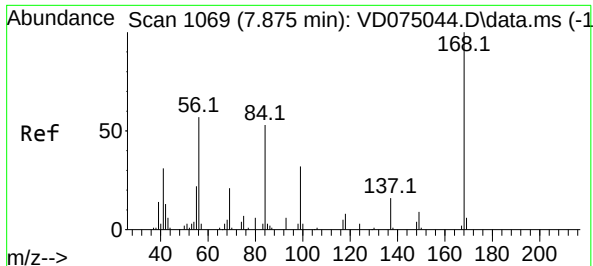
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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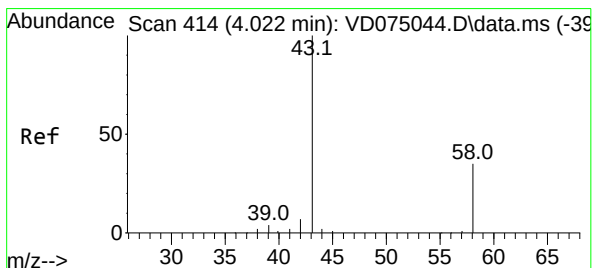
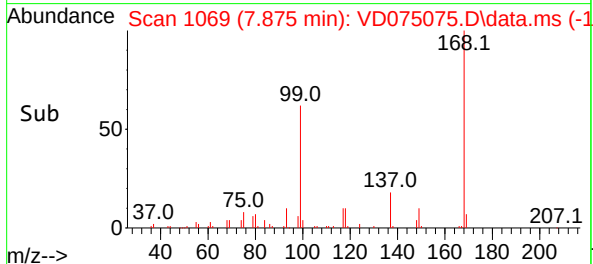
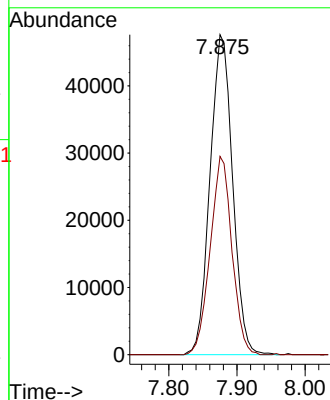
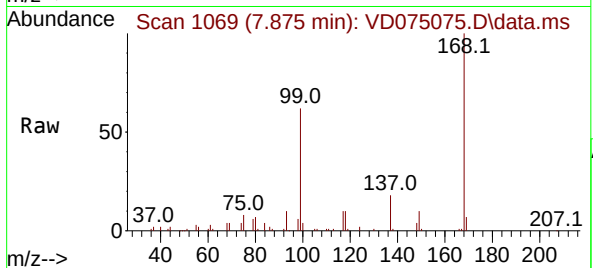




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075075.D
Acq: 28 Dec 2022 19:34

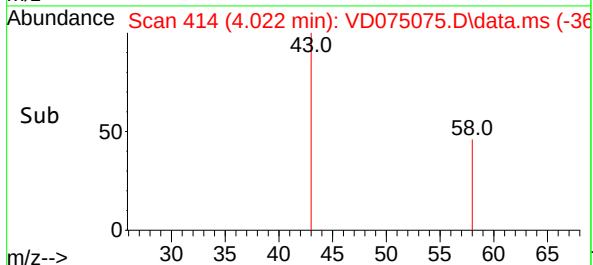
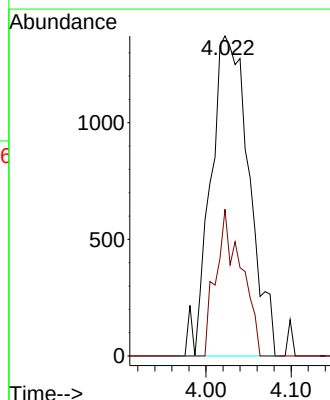
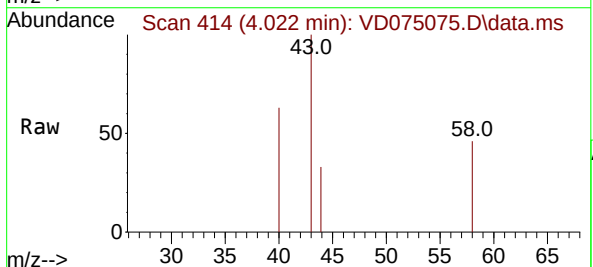
Instrument :
MSVOA_D
ClientSampleId :
TP-2S

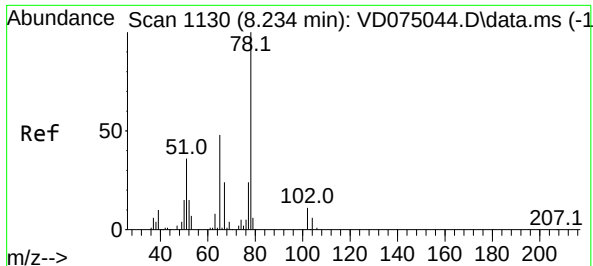
Tgt Ion:168 Resp: 109814
Ion Ratio Lower Upper
168 100
99 61.9 40.3 60.5#



#16
Acetone
Concen: 15.435 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075075.D
Acq: 28 Dec 2022 19:34

Tgt Ion: 43 Resp: 4303
Ion Ratio Lower Upper
43 100
58 45.8 28.6 43.0#





#33

1,2-Dichloroethane-d4

Concen: 62.784 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD075075.D

Acq: 28 Dec 2022 19:34

Instrument :

MSVOA_D

ClientSampleId :

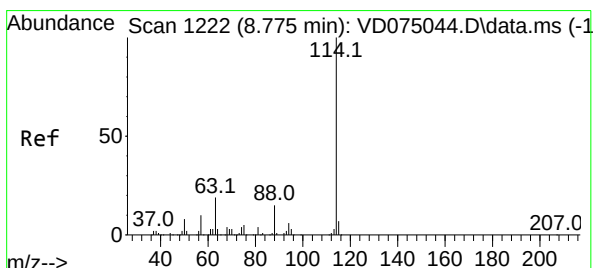
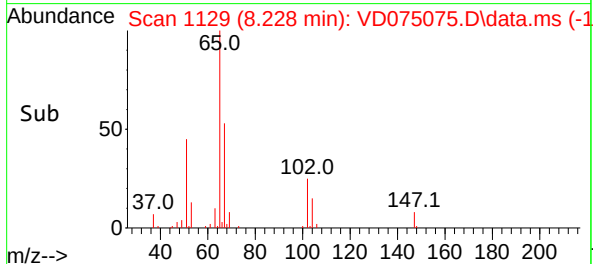
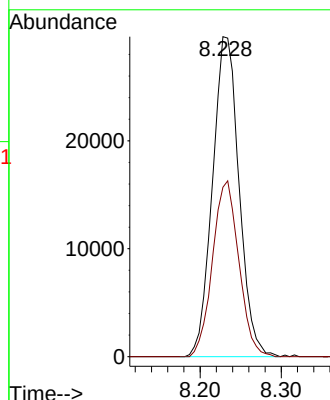
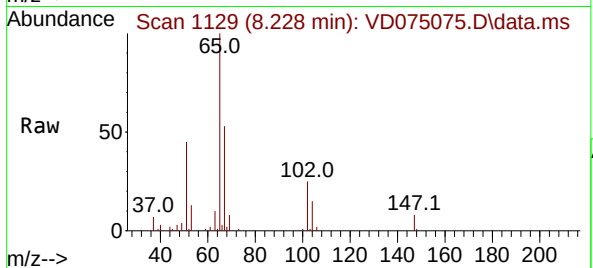
TP-2S

Tgt Ion: 65 Resp: 67392

Ion Ratio Lower Upper

65 100

67 54.4 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: VD075075.D

Acq: 28 Dec 2022 19:34

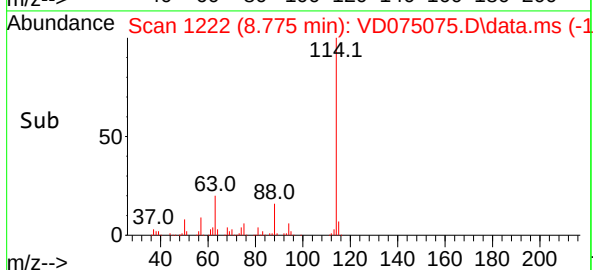
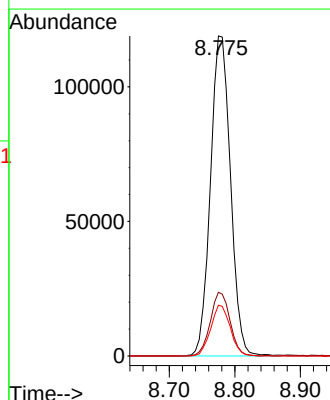
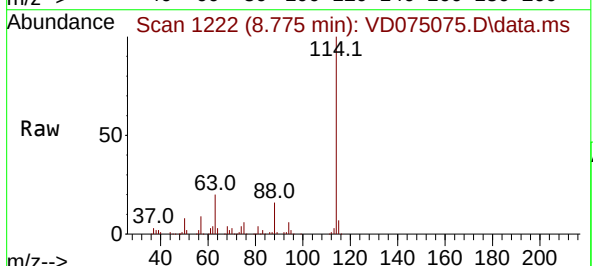
Tgt Ion: 114 Resp: 252471

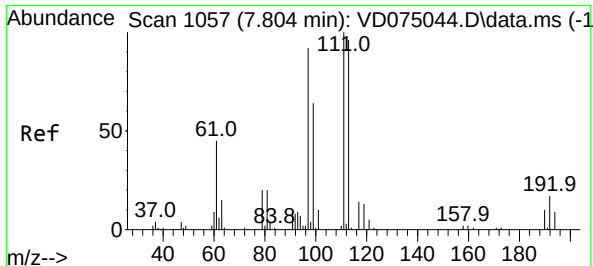
Ion Ratio Lower Upper

114 100

63 19.9 0.0 33.8

88 15.8 0.0 27.8

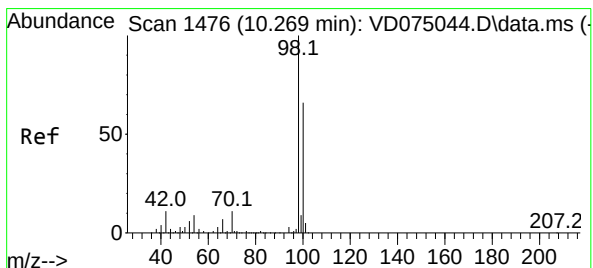
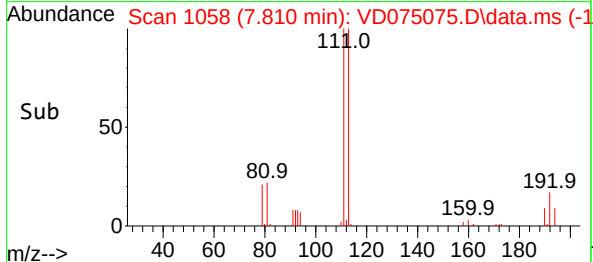
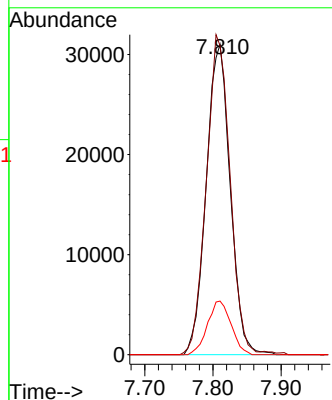
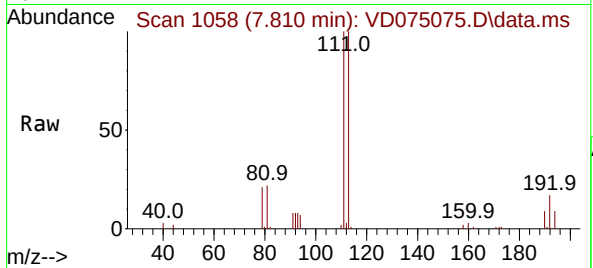




#35
 Dibromofluoromethane
 Concen: 51.158 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.005 min
 Lab File: VD075075.D
 Acq: 28 Dec 2022 19:34

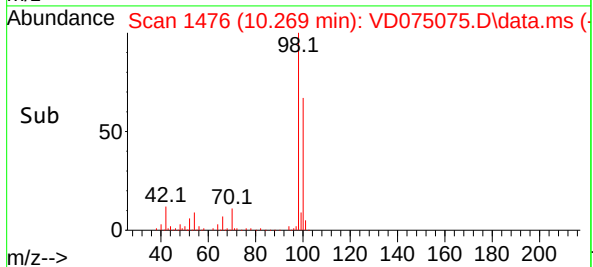
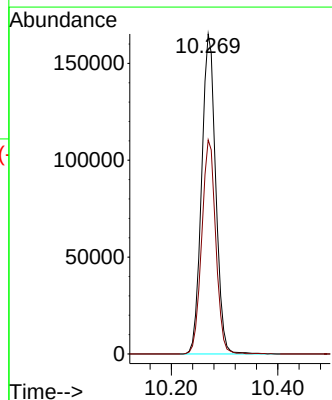
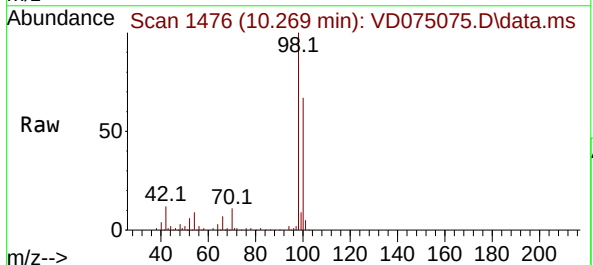
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2S

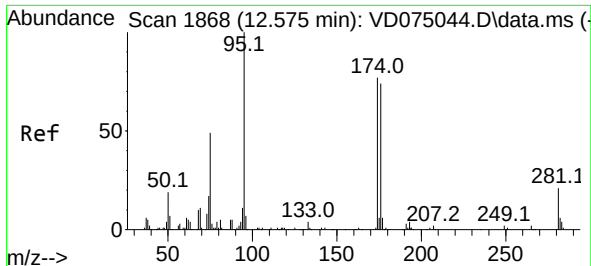
Tgt Ion:113 Resp: 76003
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.1 123.1
 192 17.0 15.1 22.7



#50
 Toluene-d8
 Concen: 50.376 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD075075.D
 Acq: 28 Dec 2022 19:34

Tgt Ion: 98 Resp: 302397
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.2 78.2

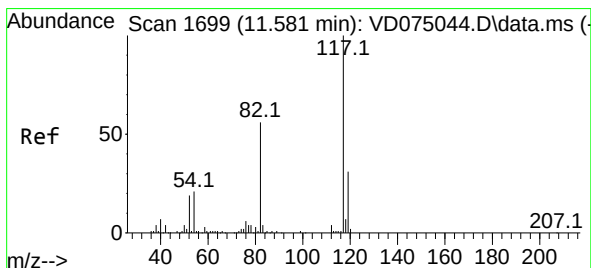
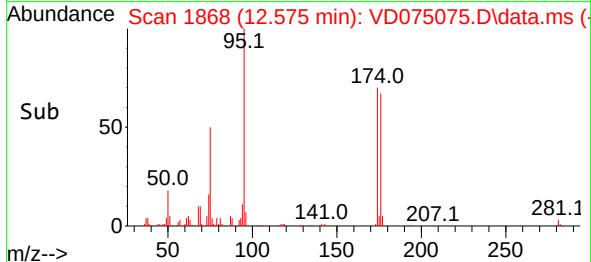
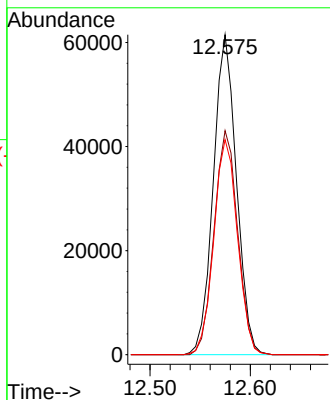
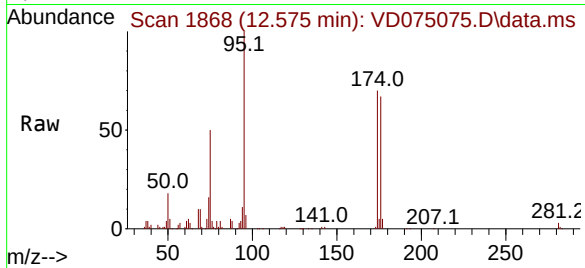




#62
4-Bromofluorobenzene
Concen: 50.611 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075075.D
Acq: 28 Dec 2022 19:34

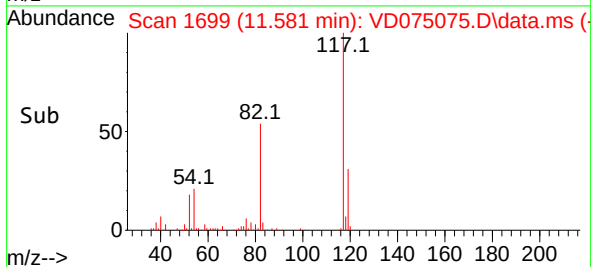
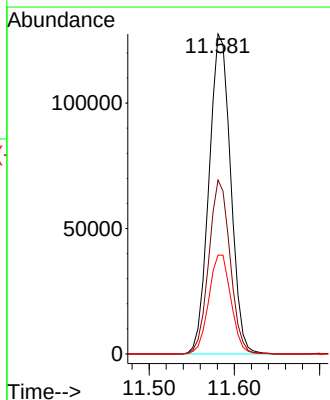
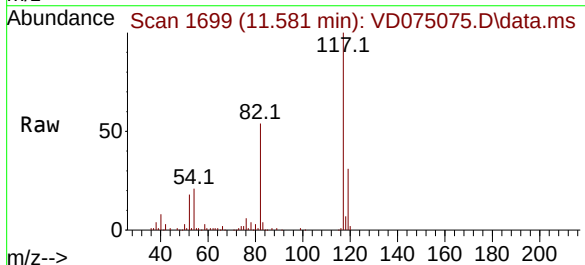
Instrument :
MSVOA_D
ClientSampleId :
TP-2S

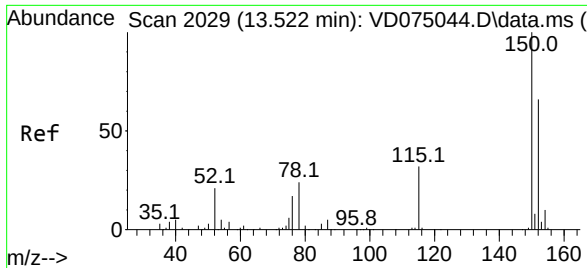
Tgt Ion: 95 Resp: 98421
Ion Ratio Lower Upper
95 100
174 71.5 0.0 171.2
176 69.0 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075075.D
Acq: 28 Dec 2022 19:34

Tgt Ion: 117 Resp: 225478
Ion Ratio Lower Upper
117 100
82 54.3 40.9 61.3
119 30.9 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: VD075075.D

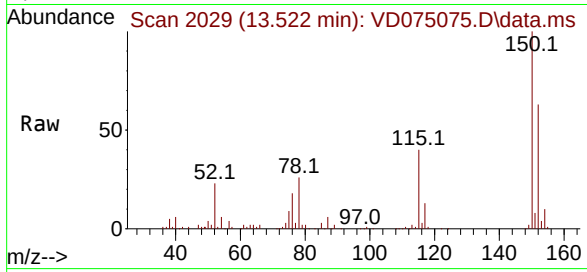
Acq: 28 Dec 2022 19:34

Instrument :

MSVOA_D

ClientSampleId :

TP-2S



Tgt Ion:152 Resp: 92789

Ion Ratio Lower Upper

152 100

115 63.3 28.8 86.5

150 159.0 0.0 354.2

