

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075722.D
 Acq On : 18 Apr 2023 12:55
 Operator : KP/SY
 Sample : 02388-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-1

Quant Time: Apr 19 01:23:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

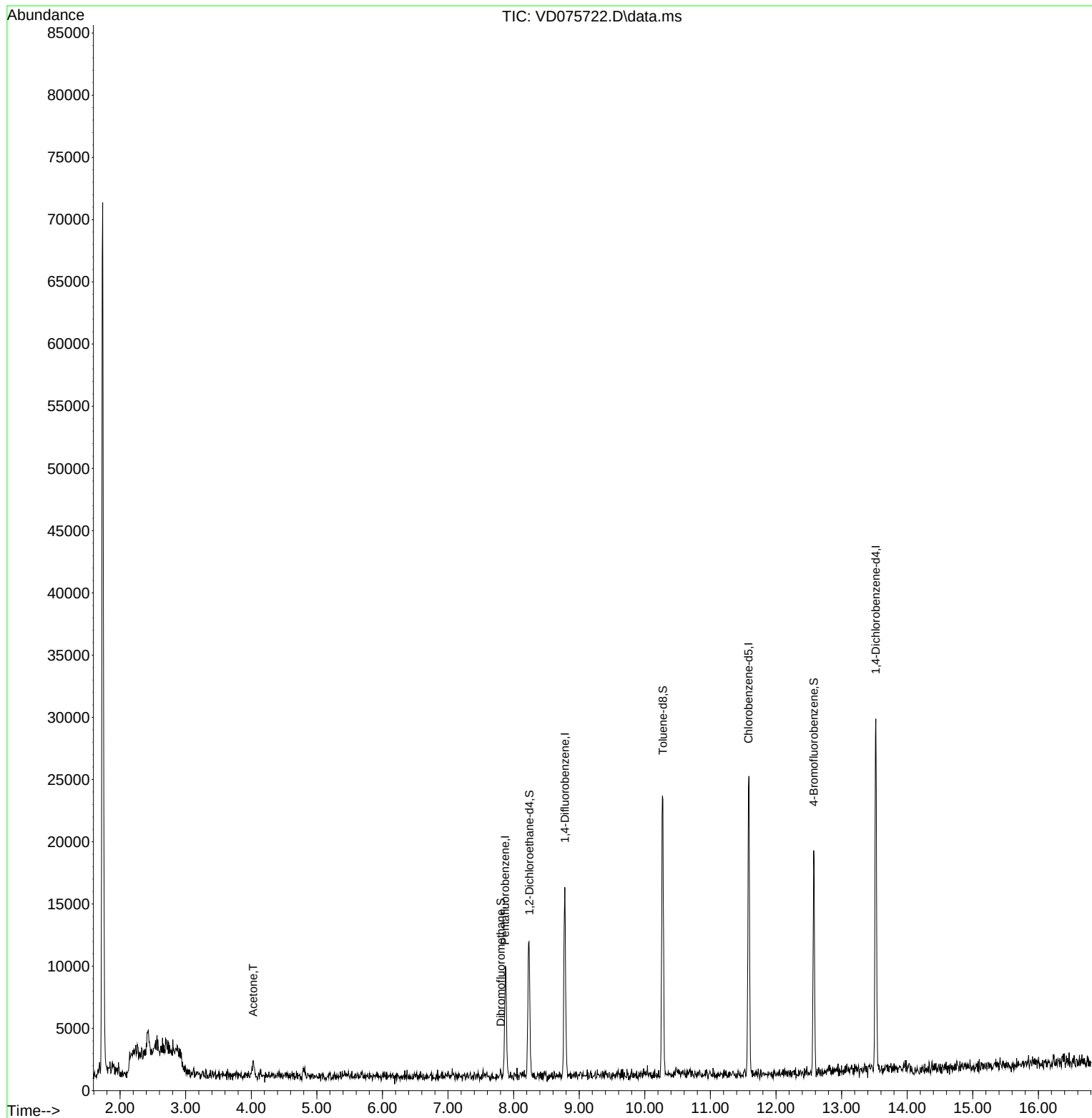
Internal Standards						
1) Pentafluorobenzene	7.869	168	7420	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	15260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	16536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	8358	118.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	237.340%#
35) Dibromofluoromethane	7.805	113	222	2.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	4.320%#
50) Toluene-d8	10.275	98	18513	45.041	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.080%
62) 4-Bromofluorobenzene	12.575	95	6099	55.826	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.660%
Target Compounds						
16) Acetone	4.028	43	1742	135.010	ug/l	# 80

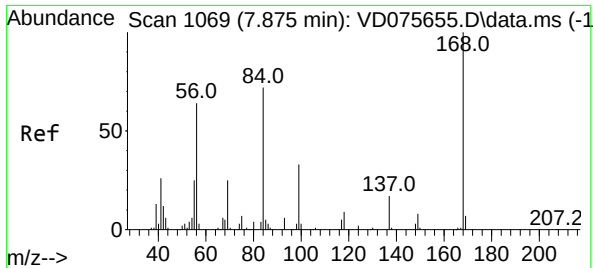
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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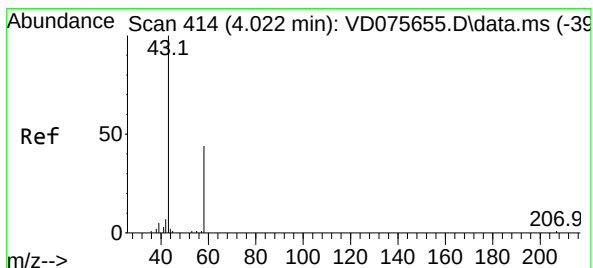
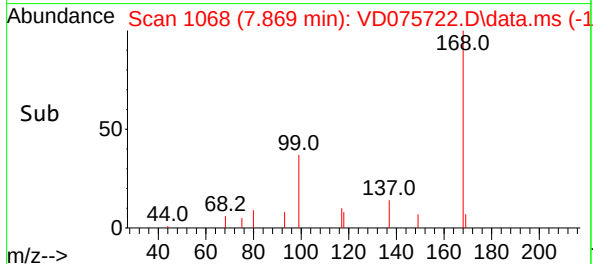
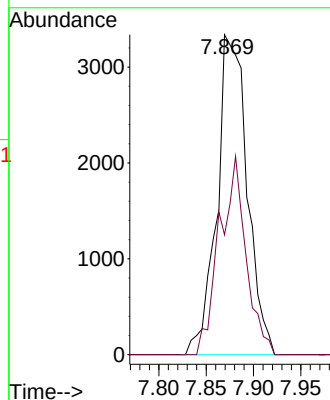
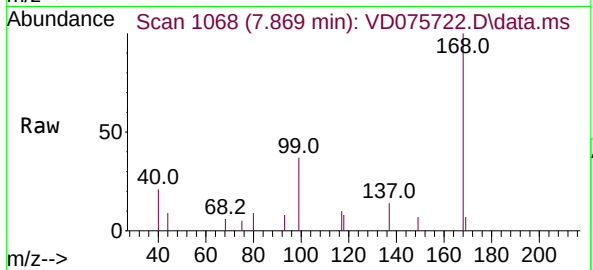




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

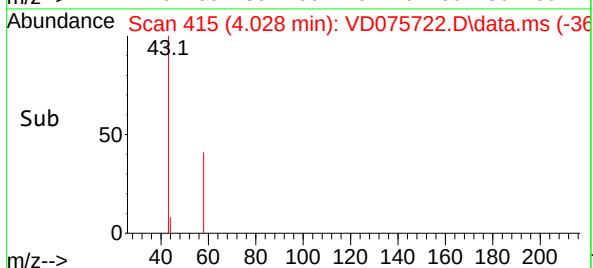
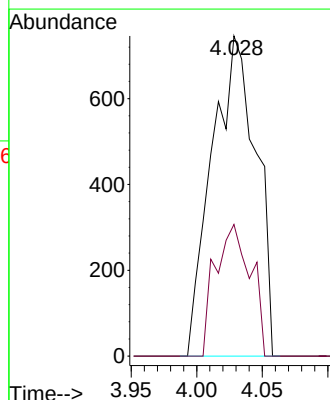
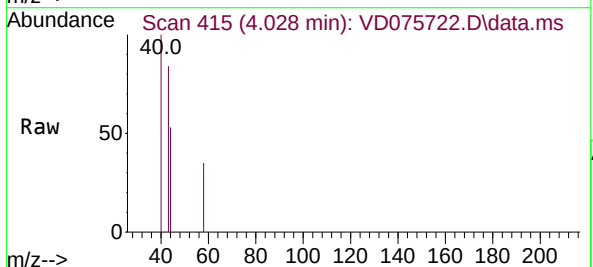
Instrument :
MSVOA_D
ClientSampleId :
CC-1

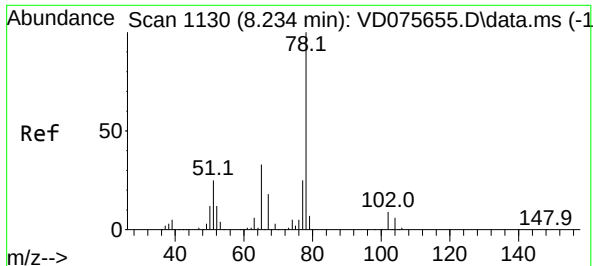
Tgt Ion:168 Resp: 7420
Ion Ratio Lower Upper
168 100
99 37.5 43.8 65.6#



#16
Acetone
Concen: 135.010 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

Tgt Ion: 43 Resp: 1742
Ion Ratio Lower Upper
43 100
58 41.2 24.4 36.6#

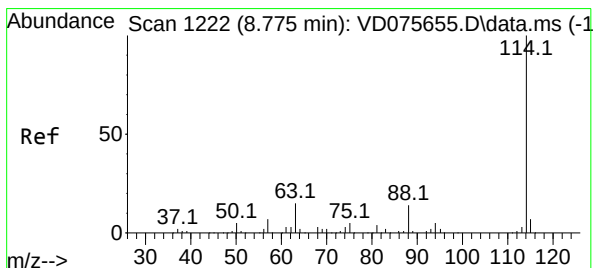
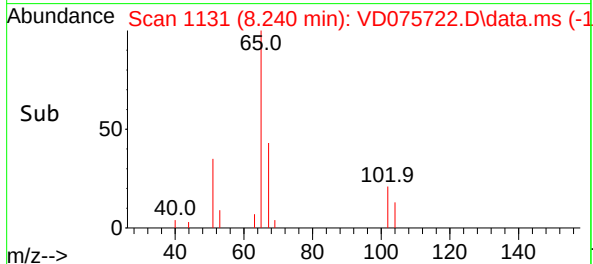
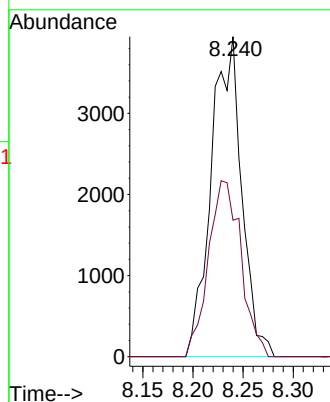
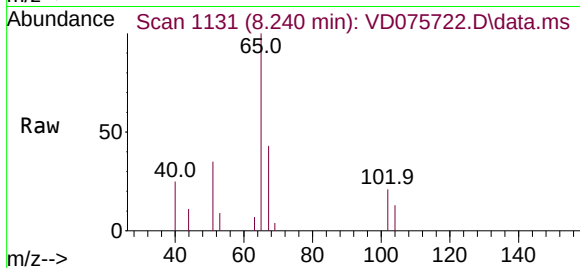




#33
1,2-Dichloroethane-d4
Concen: 118.671 ug/l
RT: 8.240 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

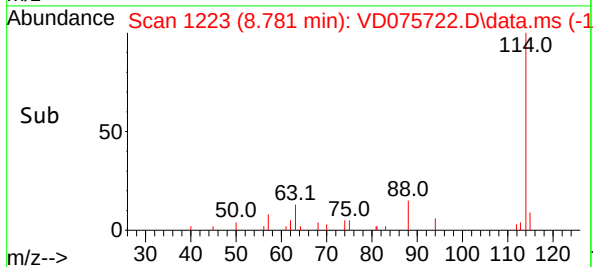
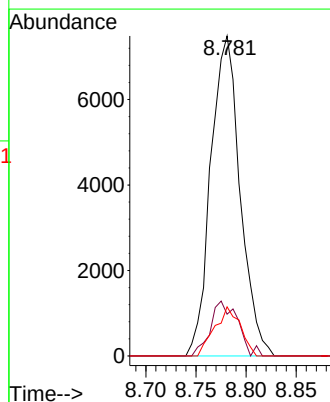
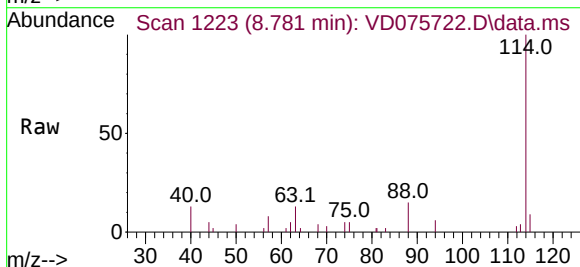
Instrument :
MSVOA_D
ClientSampleId :
CC-1

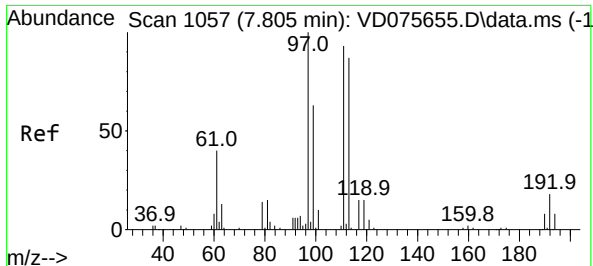
Tgt Ion: 65 Resp: 8358
Ion Ratio Lower Upper
65 100
67 58.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

Tgt Ion: 114 Resp: 15260
Ion Ratio Lower Upper
114 100
63 13.0 0.0 41.6
88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 2.163 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD075722.D

Acq: 18 Apr 2023 12:55

Instrument :

MSVOA_D

ClientSampleId :

CC-1

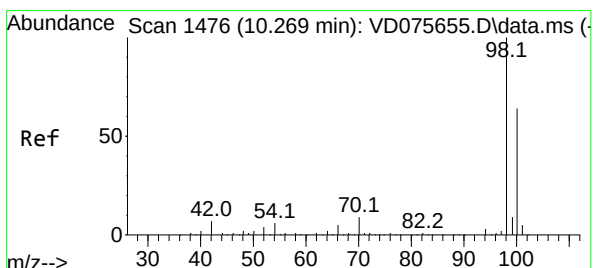
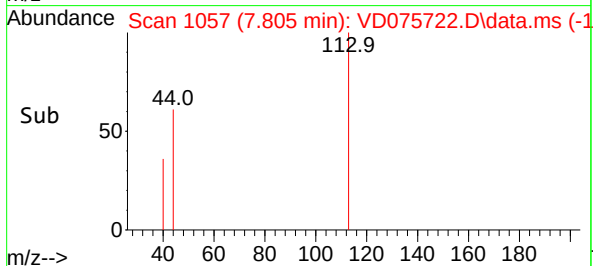
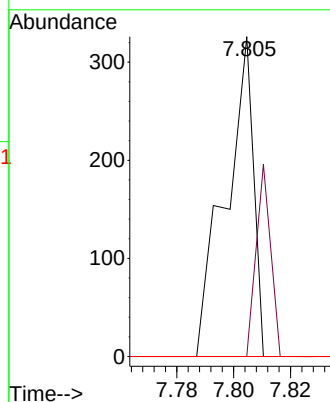
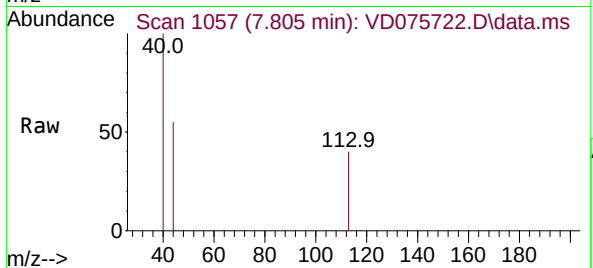
Tgt Ion:113 Resp: 222

Ion Ratio Lower Upper

113 100

111 31.1 81.4 122.0#

192 0.0 15.2 22.8#



#50

Toluene-d8

Concen: 45.041 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD075722.D

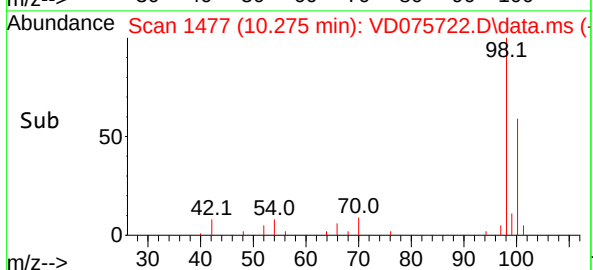
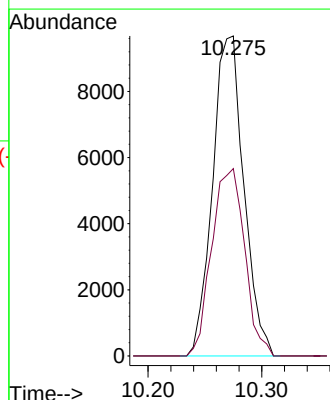
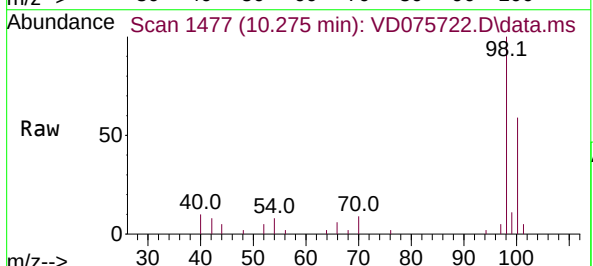
Acq: 18 Apr 2023 12:55

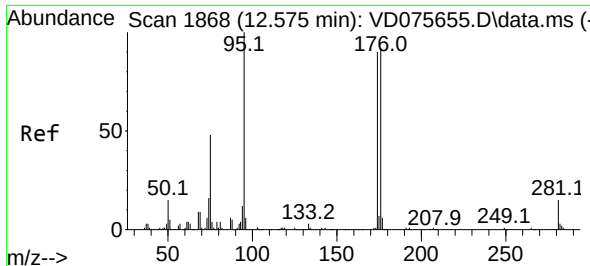
Tgt Ion: 98 Resp: 18513

Ion Ratio Lower Upper

98 100

100 61.6 52.1 78.1

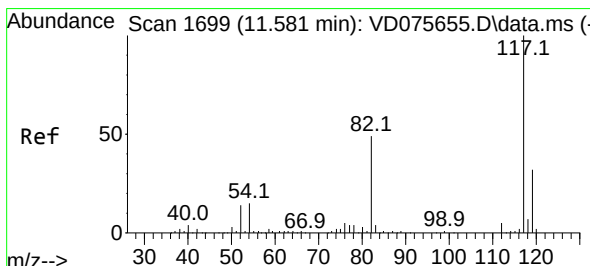
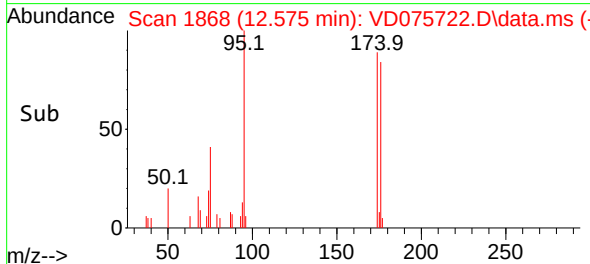
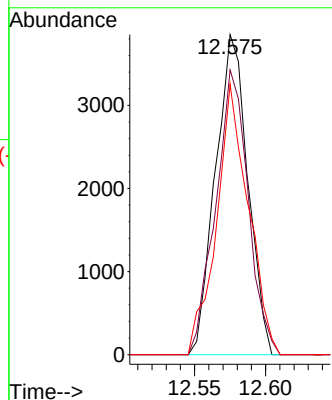
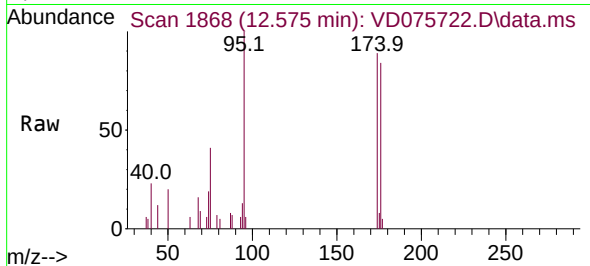




#62
4-Bromofluorobenzene
Concen: 55.826 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

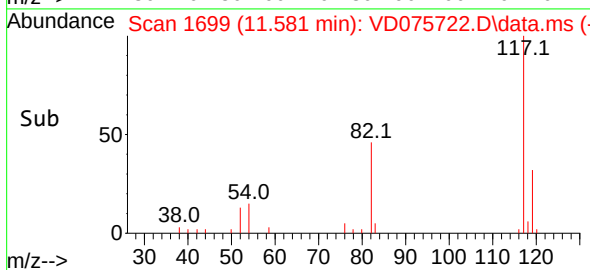
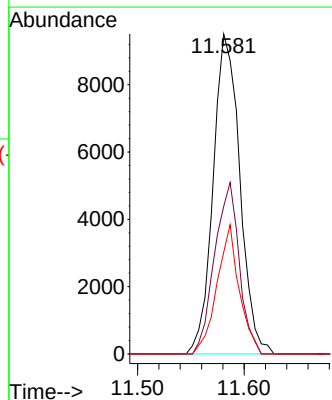
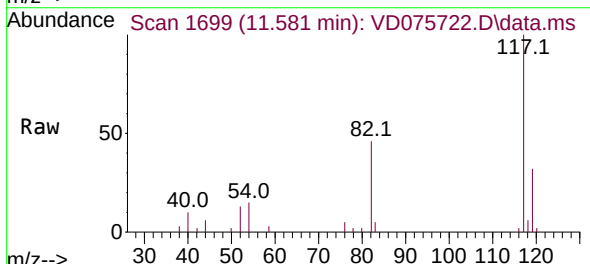
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MSVOA_D
ClientSampleId :
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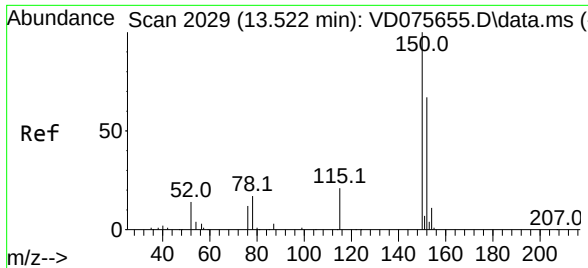
Tgt Ion:	95	Resp:	6099
Ion	Ratio	Lower	Upper
95	100		
174	89.4	0.0	164.0
176	83.3	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075722.D
Acq: 18 Apr 2023 12:55

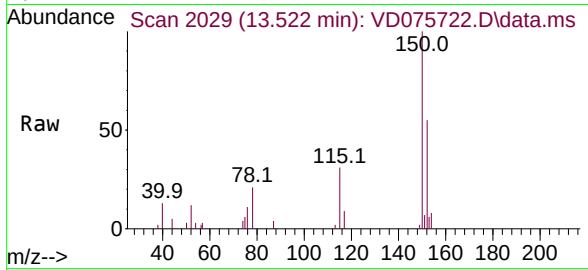
Tgt Ion:	117	Resp:	16536
Ion	Ratio	Lower	Upper
117	100		
82	46.2	44.0	66.0
119	31.8	25.1	37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075722.D
 Acq: 18 Apr 2023 12:55

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-1



Tgt Ion:	152	Resp:	8999
Ion	Ratio	Lower	Upper
152	100		
115	56.3	30.1	90.3
150	169.4	0.0	364.8

