

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075737.D
 Acq On : 18 Apr 2023 20:10
 Operator : KP/SY
 Sample : 02388-01RE
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-1RE

Quant Time: Apr 19 01:25:16 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)

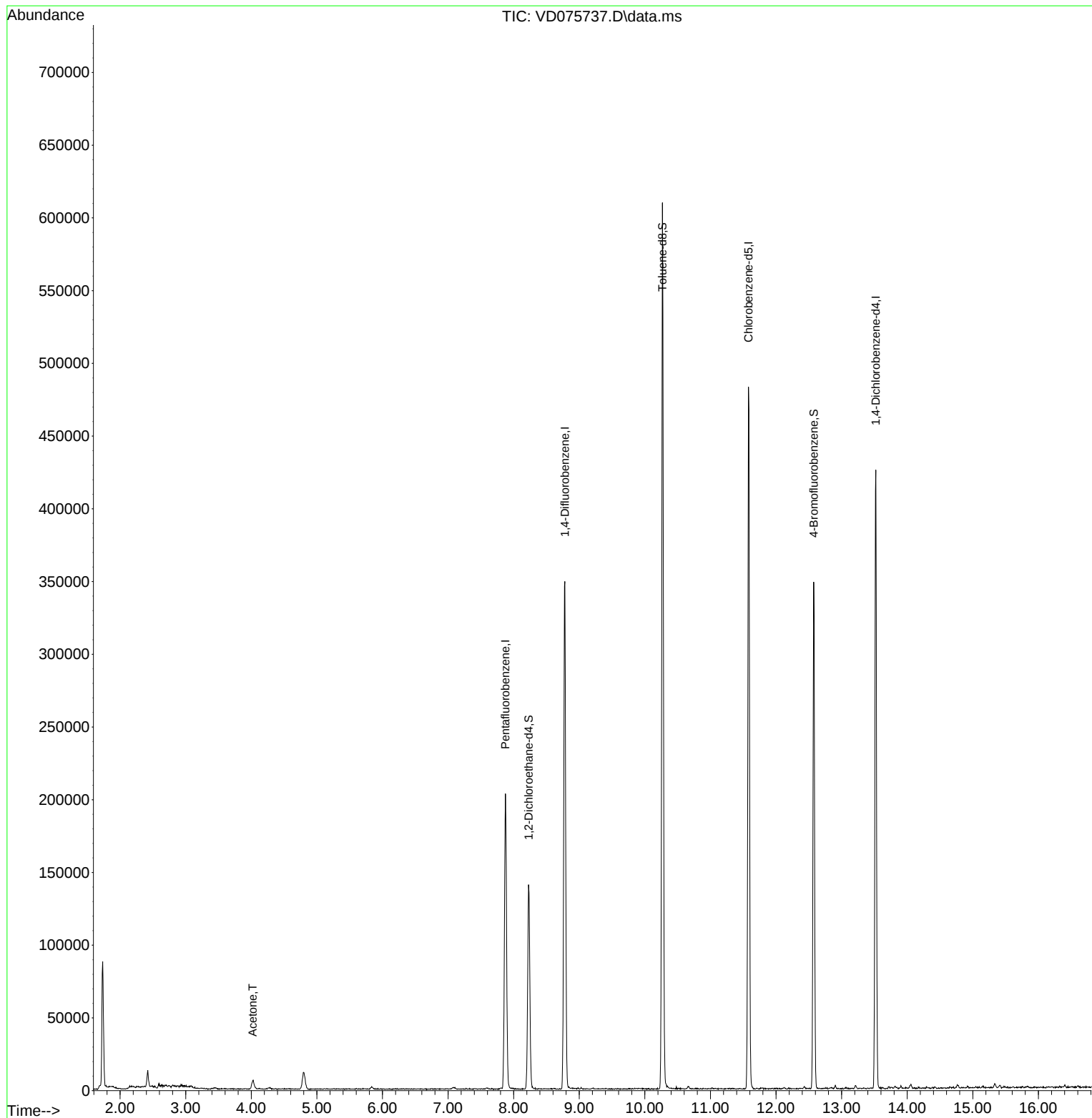
Internal Standards						
1) Pentafluorobenzene	7.875	168	165123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	342672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	312740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	125434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	108185	69.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.040%
35) Dibromofluoromethane	7.816	113	586	0.254	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.500%#
50) Toluene-d8	10.269	98	438362	47.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.980%
62) 4-Bromofluorobenzene	12.575	95	112189	45.731	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.460%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	9535	33.207	ug/l #	63

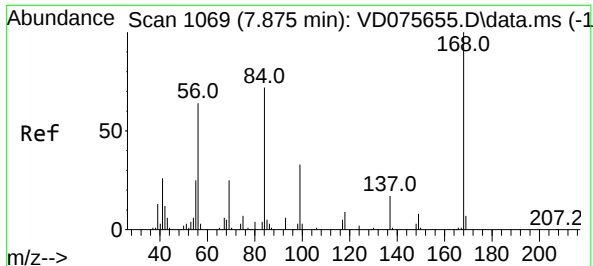
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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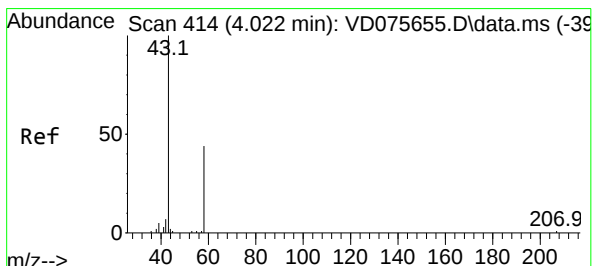
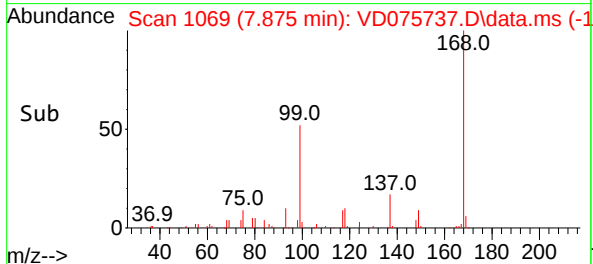
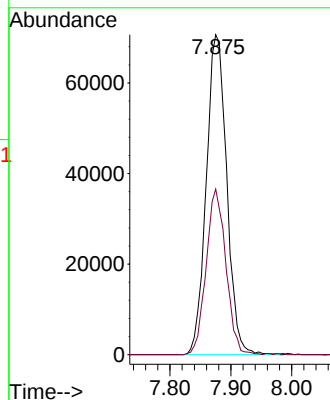
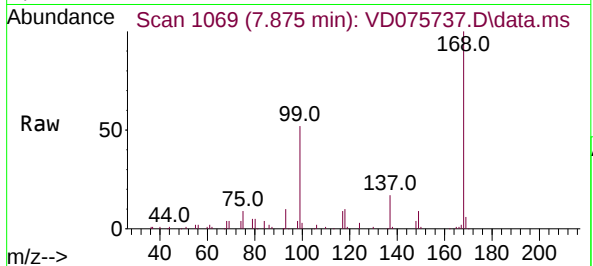




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

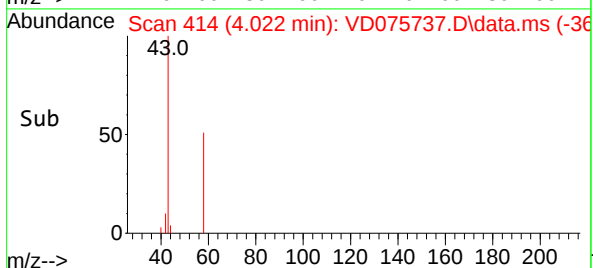
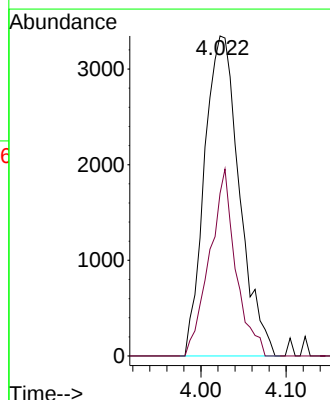
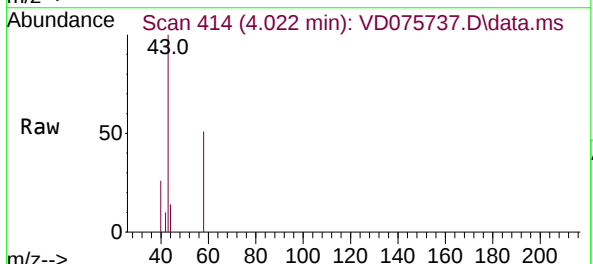
Instrument :
MSVOA_D
ClientSampleId :
CC-1RE

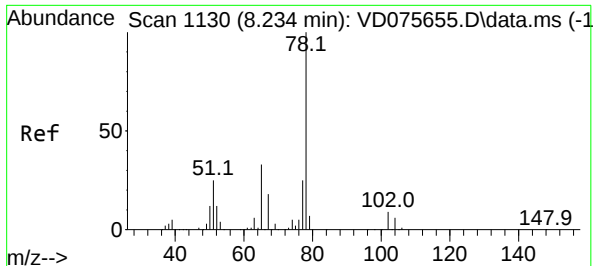
Tgt Ion:168 Resp: 165123
Ion Ratio Lower Upper
168 100
99 51.8 43.8 65.6



#16
Acetone
Concen: 33.207 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

Tgt Ion: 43 Resp: 9535
Ion Ratio Lower Upper
43 100
58 50.8 24.4 36.6#





#33

1,2-Dichloroethane-d4

Concen: 69.025 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD075737.D

Acq: 18 Apr 2023 20:10

Instrument :

MSVOA_D

ClientSampleId :

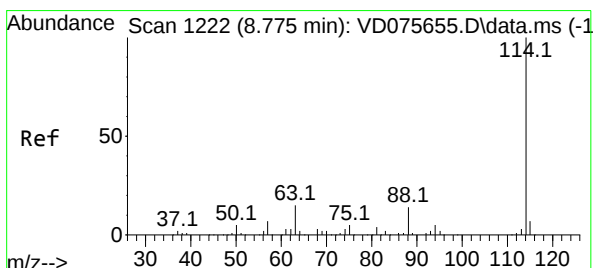
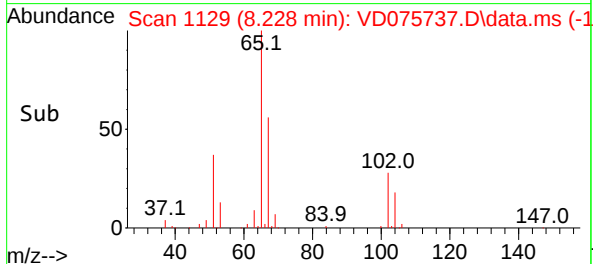
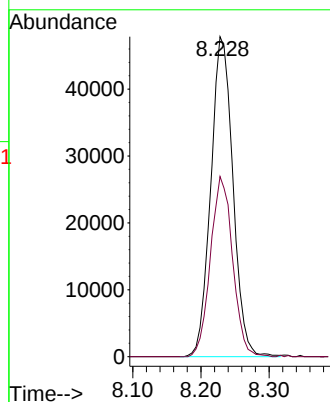
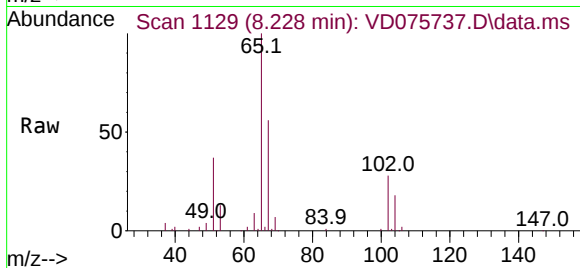
CC-1RE

Tgt Ion: 65 Resp: 108185

Ion Ratio Lower Upper

65 100

67 56.3 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: VD075737.D

Acq: 18 Apr 2023 20:10

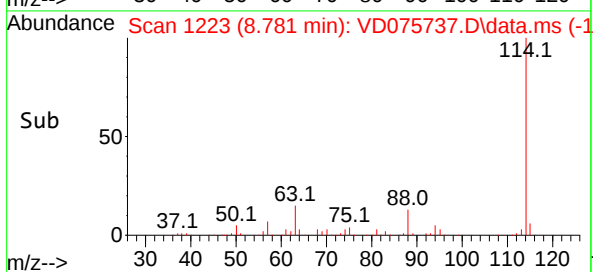
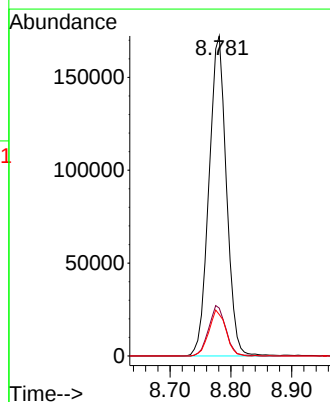
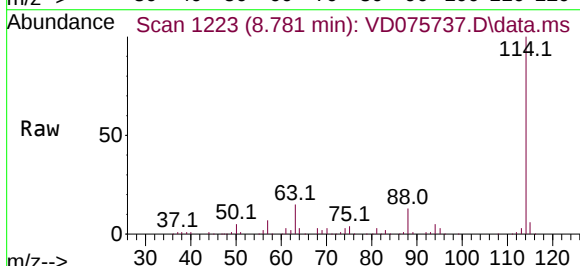
Tgt Ion: 114 Resp: 342672

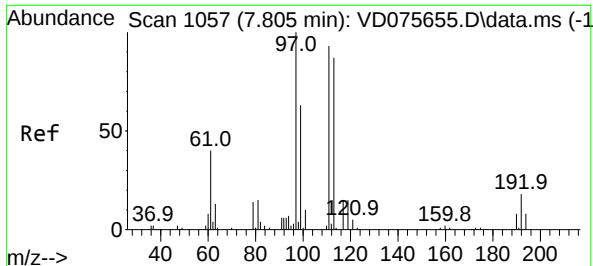
Ion Ratio Lower Upper

114 100

63 14.9 0.0 41.6

88 12.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 0.254 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.011 min

Lab File: VD075737.D

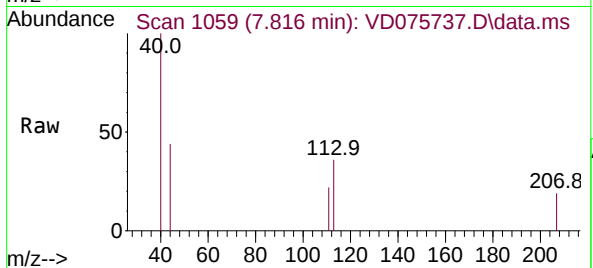
Acq: 18 Apr 2023 20:10

Instrument :

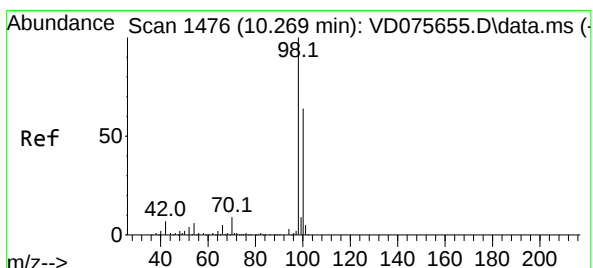
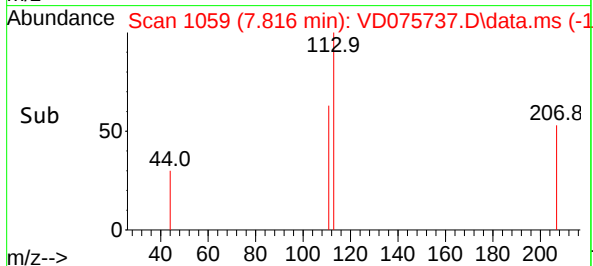
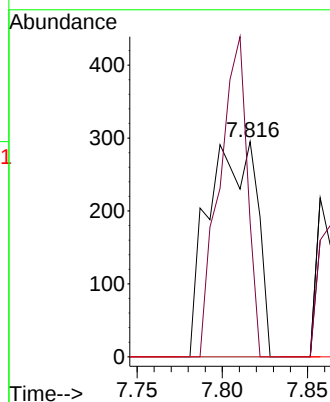
MSVOA_D

ClientSampleId :

CC-1RE



Tgt Ion:113	Resp:	586
Ion	Ratio	Lower Upper
113	100	
111	85.2	81.4 122.0
192	0.0	15.2 22.8#



#50

Toluene-d8

Concen: 47.494 ug/l

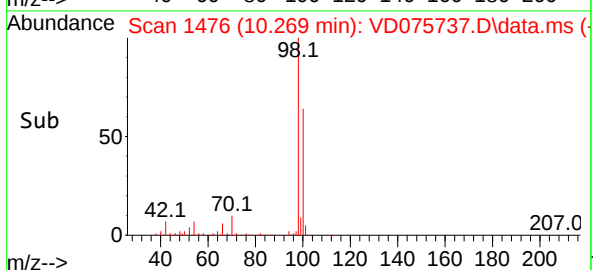
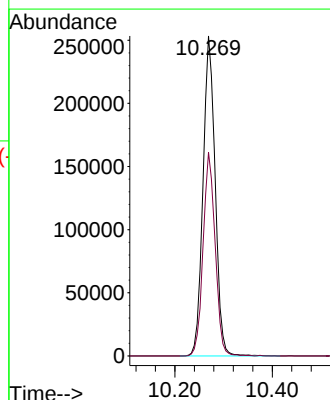
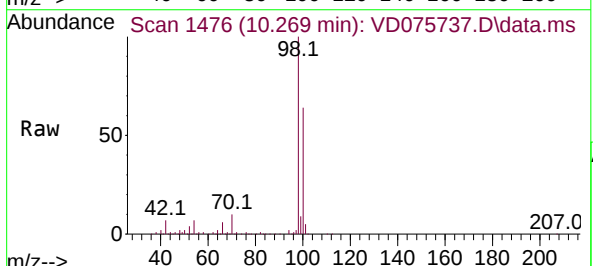
RT: 10.269 min Scan# 1476

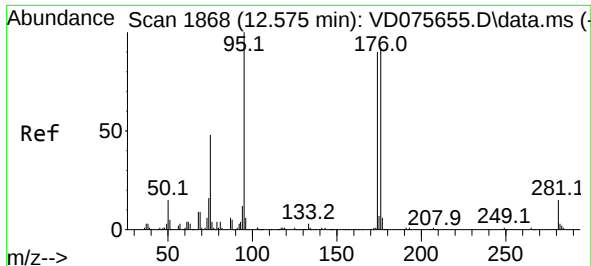
Delta R.T. 0.000 min

Lab File: VD075737.D

Acq: 18 Apr 2023 20:10

Tgt Ion: 98	Resp:	438362
Ion	Ratio	Lower Upper
98	100	
100	63.1	52.1 78.1

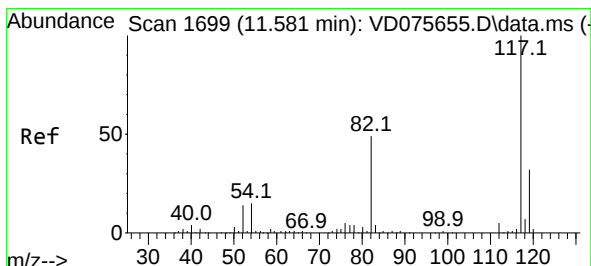
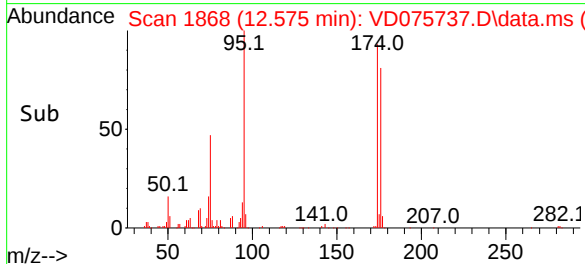
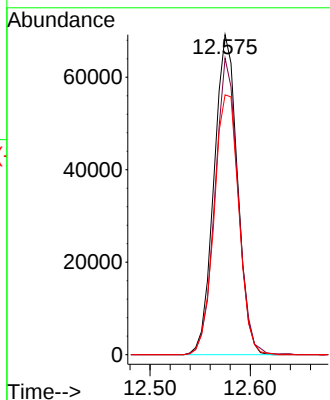
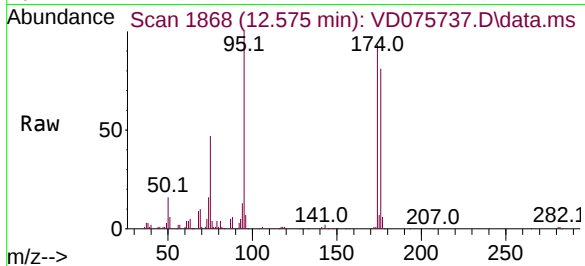




#62
4-Bromofluorobenzene
Concen: 45.731 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

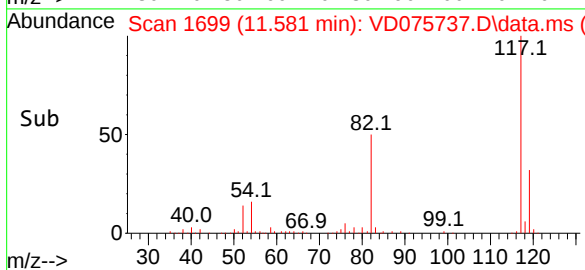
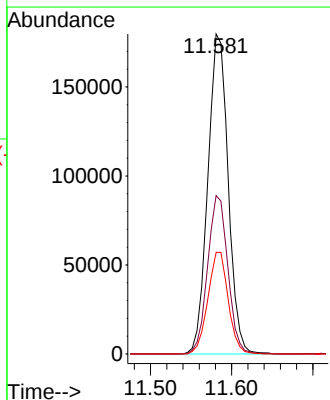
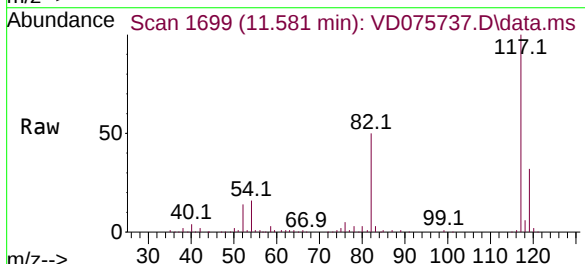
Instrument :
MSVOA_D
ClientSampleId :
CC-1RE

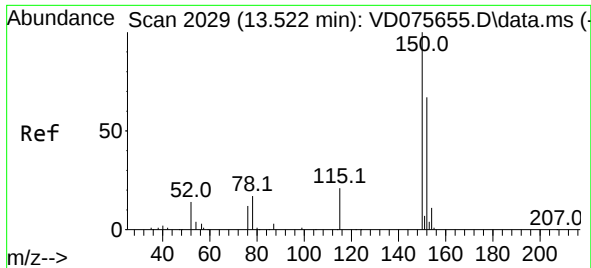
Tgt Ion: 95 Resp: 112189
Ion Ratio Lower Upper
95 100
174 91.1 0.0 164.0
176 85.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD075737.D
Acq: 18 Apr 2023 20:10

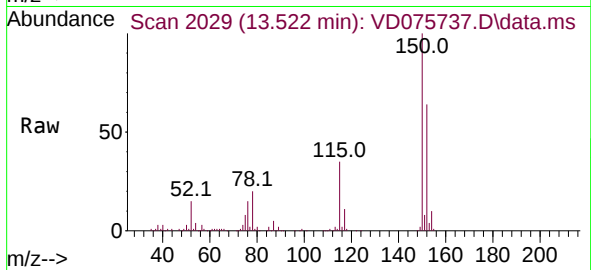
Tgt Ion: 117 Resp: 312740
Ion Ratio Lower Upper
117 100
82 49.5 44.0 66.0
119 31.7 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD075737.D
 Acq: 18 Apr 2023 20:10

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-1RE



Tgt Ion:152 Resp: 125434
 Ion Ratio Lower Upper
 152 100
 115 54.2 30.1 90.3
 150 156.6 0.0 364.8

