

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075474.D
 Acq On : 08 Mar 2023 17:30
 Operator : KP/SY
 Sample : 01837-02
 Misc : 12.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-23-4.5-030723

Quant Time: Mar 09 02:17:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 12:19:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	451661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	901226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	832091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	352914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	165748	57.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.580%
35) Dibromofluoromethane	7.810	113	257687	49.345	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.269	98	1049093	55.480	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.960%
62) 4-Bromofluorobenzene	12.575	95	295616	51.698	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.400%

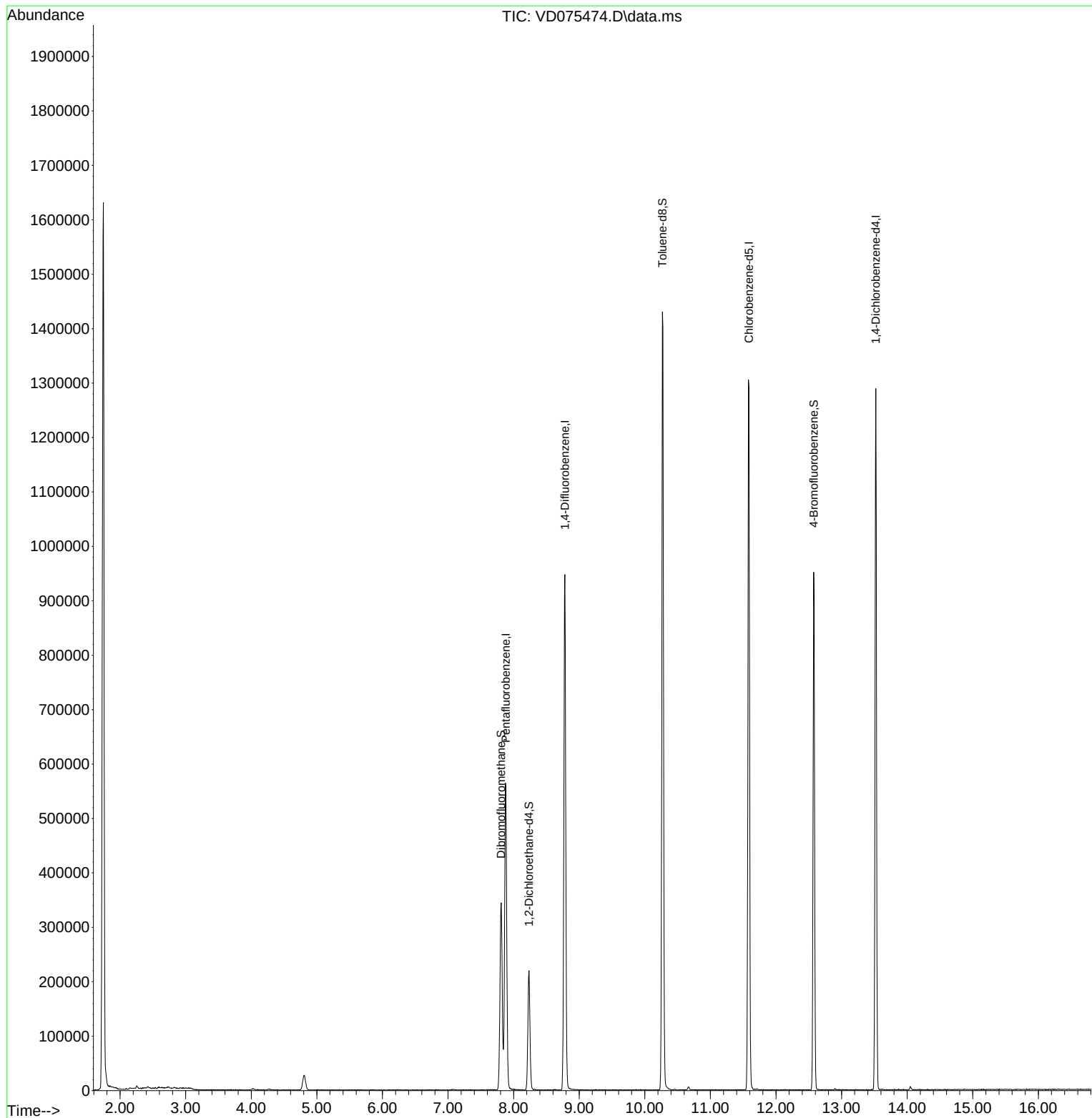
Target Compounds	Qvalue

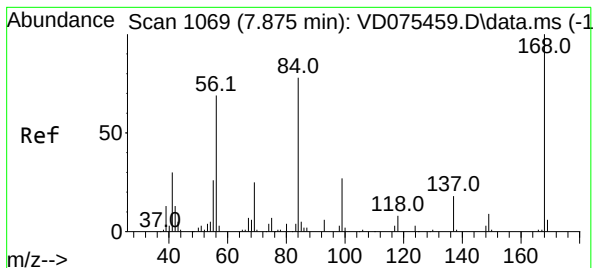
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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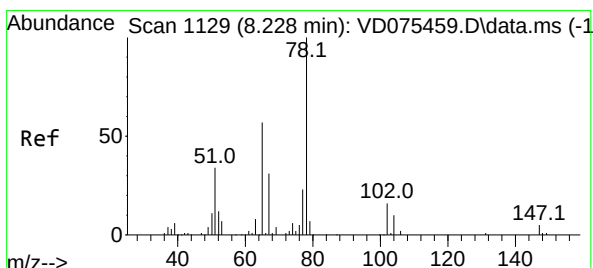
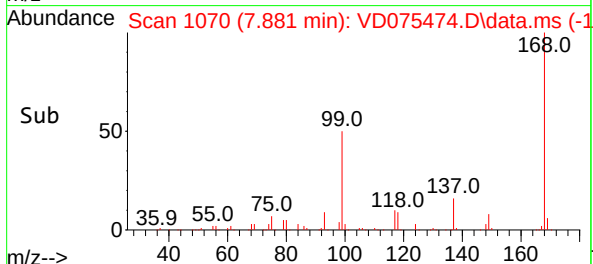
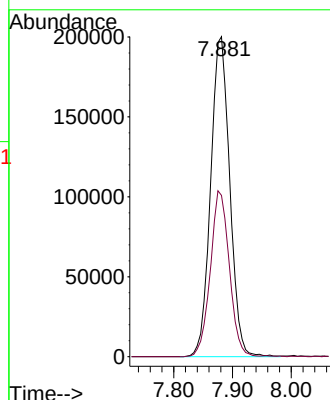
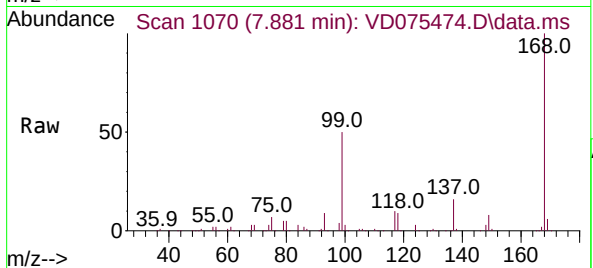




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

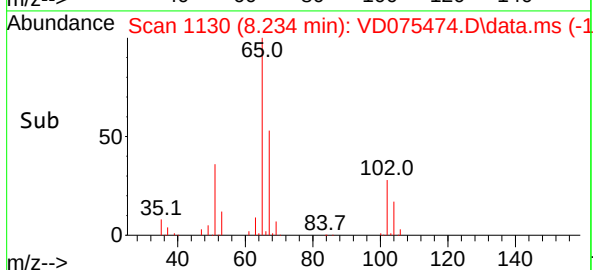
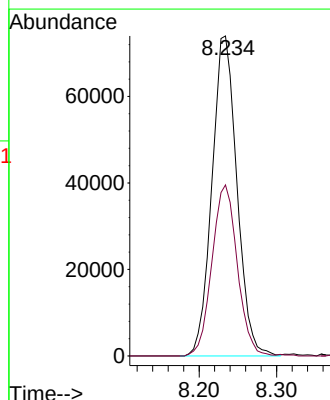
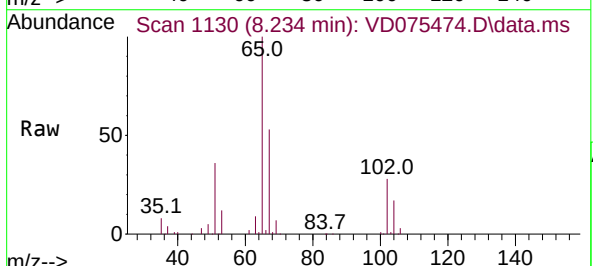
Instrument :
MSVOA_D
ClientSampleId :
CB-23-4.5-030723

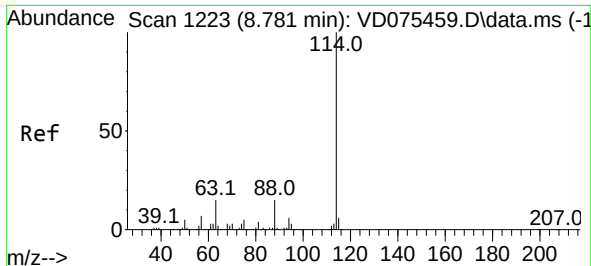
Tgt Ion:168 Resp: 451661
Ion Ratio Lower Upper
168 100
99 50.4 43.8 65.6



#33
1,2-Dichloroethane-d4
Concen: 57.786 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

Tgt Ion: 65 Resp: 165748
Ion Ratio Lower Upper
65 100
67 54.1 0.0 102.2

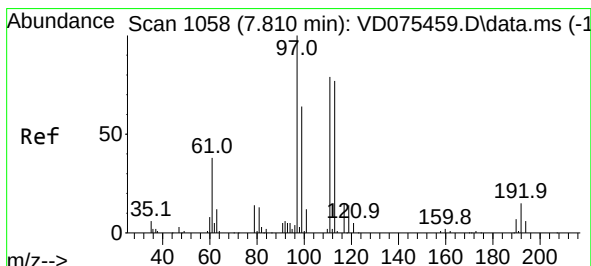
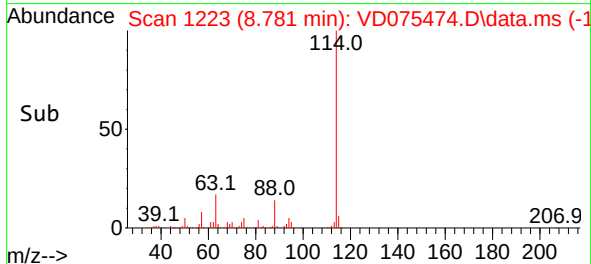
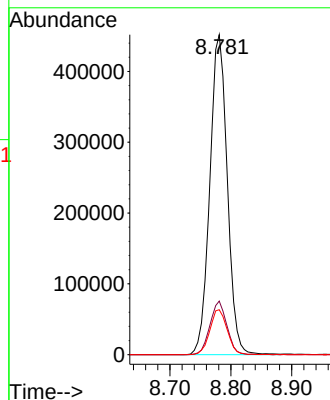
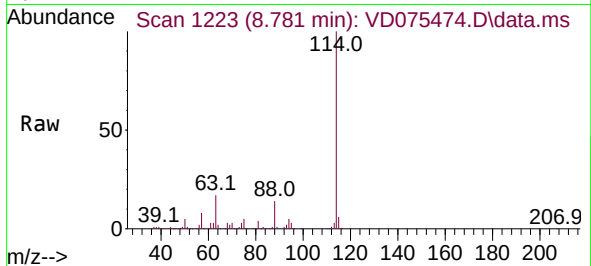




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

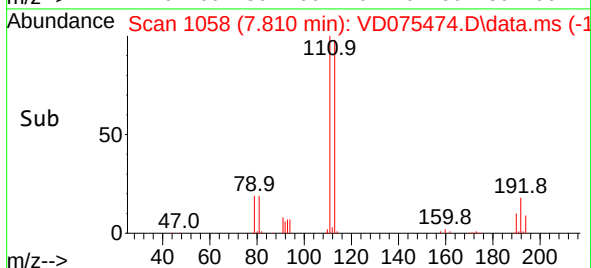
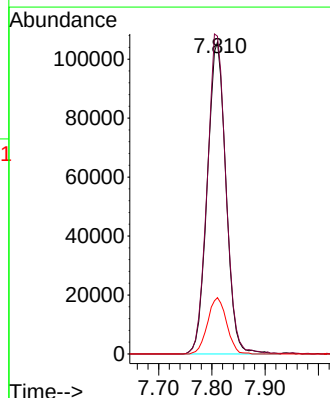
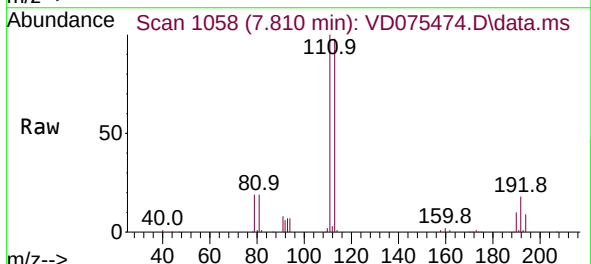
Instrument :
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CB-23-4.5-030723

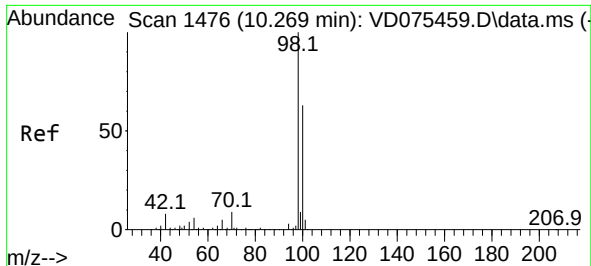
Tgt Ion:	114	Resp:	901226
Ion Ratio	Lower	Upper	
114	100		
63	16.7	0.0	41.6
88	14.1	0.0	30.6



#35
Dibromofluoromethane
Concen: 49.345 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

Tgt Ion:	113	Resp:	257687
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.4	122.0
192	18.4	15.2	22.8

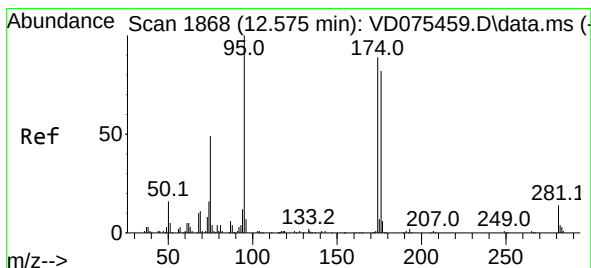
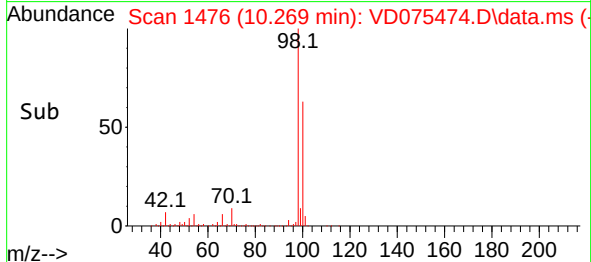
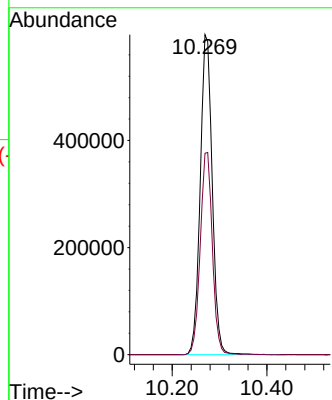
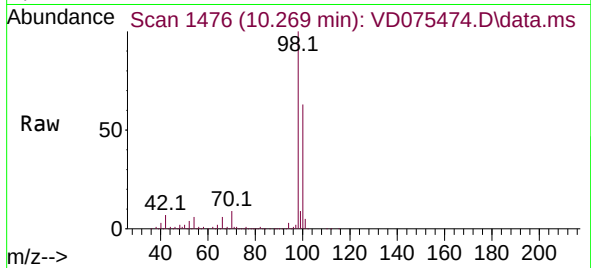




#50
Toluene-d8
Concen: 55.480 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

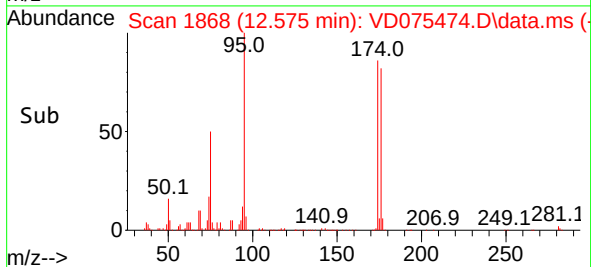
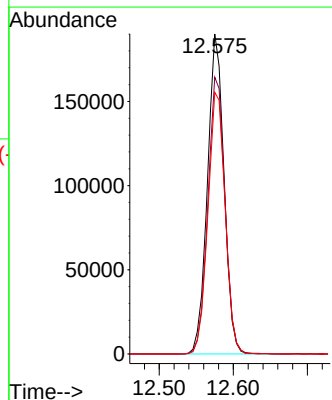
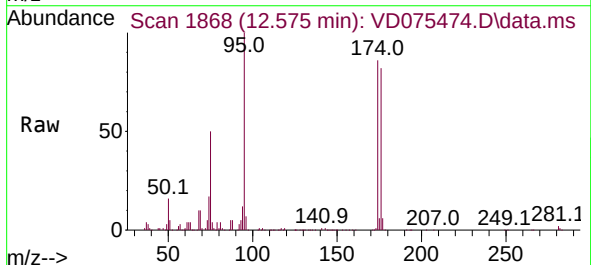
Instrument :
MSVOA_D
ClientSampleId :
CB-23-4.5-030723

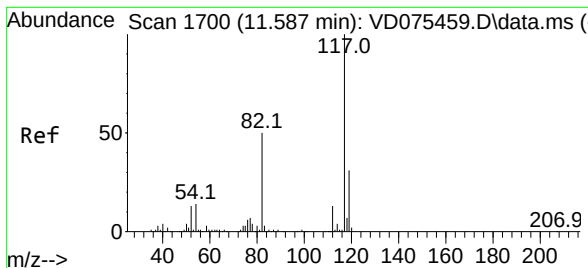
Tgt Ion: 98 Resp: 1049093
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.698 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075474.D
Acq: 08 Mar 2023 17:30

Tgt Ion: 95 Resp: 295616
Ion Ratio Lower Upper
95 100
174 89.2 0.0 164.0
176 84.7 0.0 156.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD075474.D

Acq: 08 Mar 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

CB-23-4.5-030723

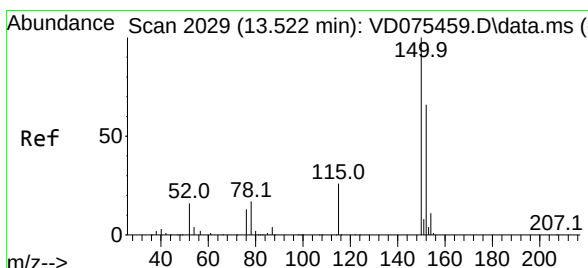
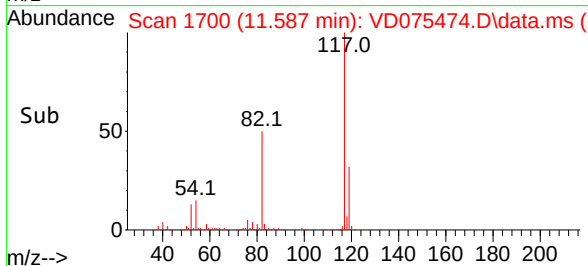
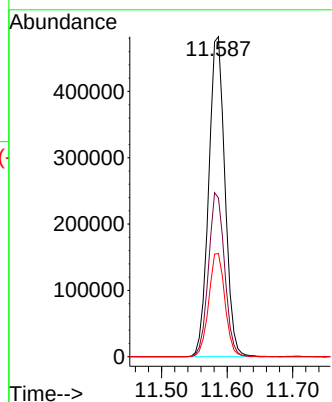
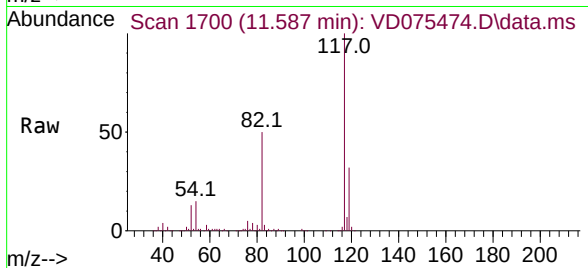
Tgt Ion:117 Resp: 832091

Ion Ratio Lower Upper

117 100

82 49.6 44.0 66.0

119 32.3 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD075474.D

Acq: 08 Mar 2023 17:30

Tgt Ion:152 Resp: 352914

Ion Ratio Lower Upper

152 100

115 55.4 30.1 90.3

150 156.6 0.0 364.8

