

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
 Data File : VD078090.D
 Acq On : 28 Dec 2023 14:09
 Operator : RP/MD
 Sample : 06031-01
 Misc : 6.13G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-321-0-2

Quant Time: Dec 28 22:25:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

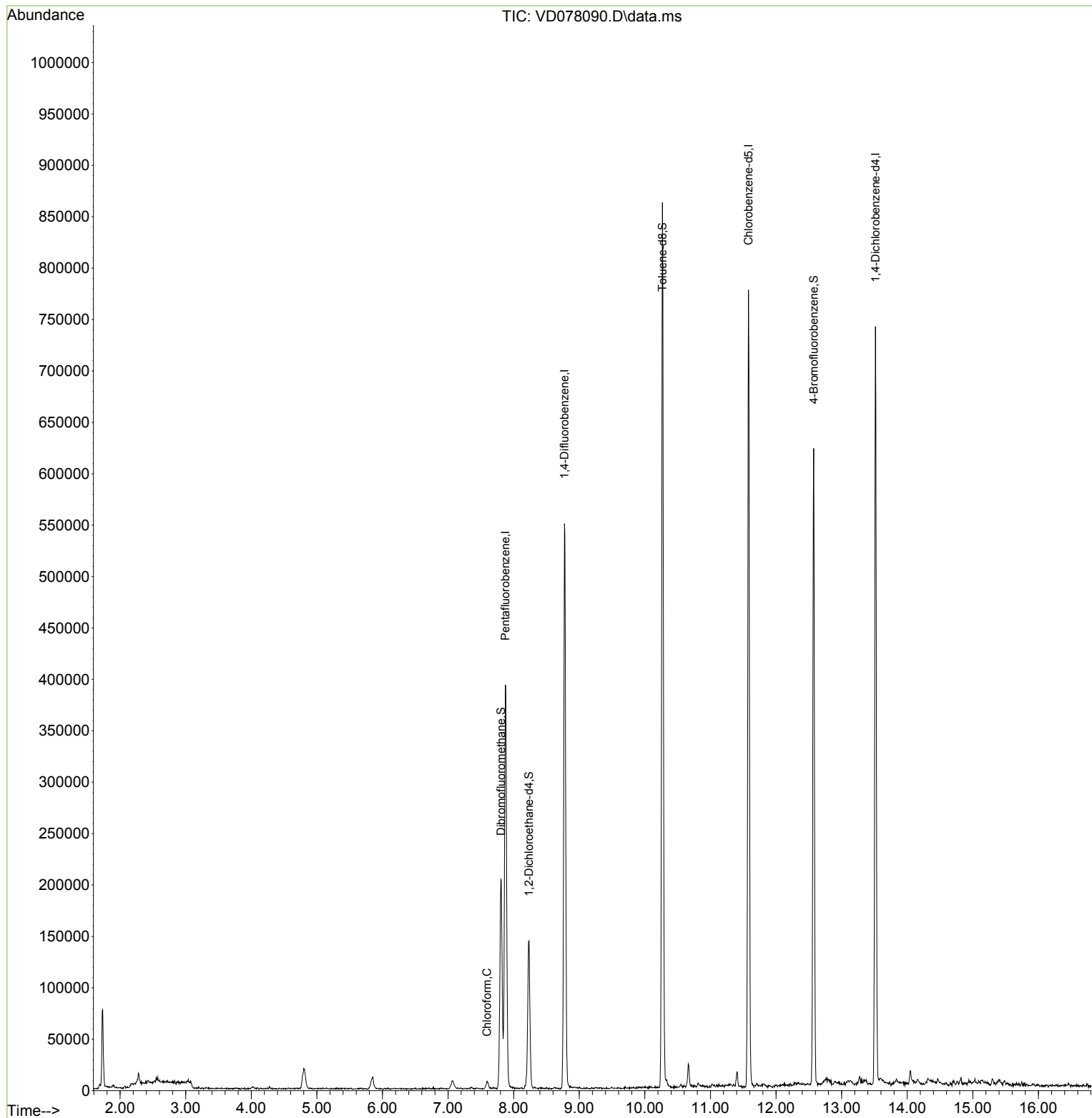
Internal Standards						
1) Pentafluorobenzene	7.875	168	323260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	516764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	475902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	211405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	112108	38.977	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	77.960%
35) Dibromofluoromethane	7.810	113	151757	45.641	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.280%
50) Toluene-d8	10.269	98	614806	52.549	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.100%
62) 4-Bromofluorobenzene	12.575	95	182901	48.586	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.180%
Target Compounds						
					Qvalue	
30) Chloroform	7.593	83	6799	1.028	ug/l	98

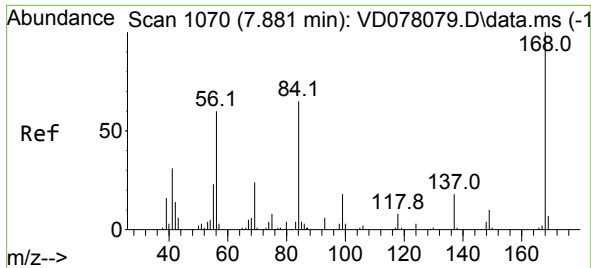
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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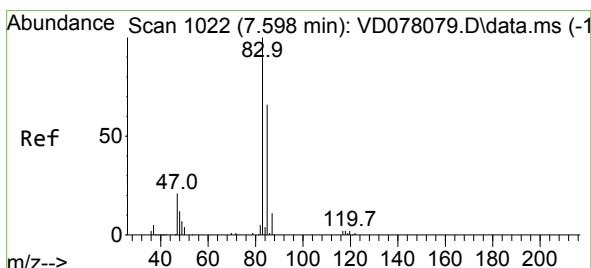
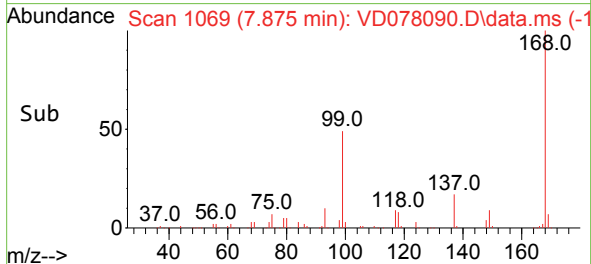
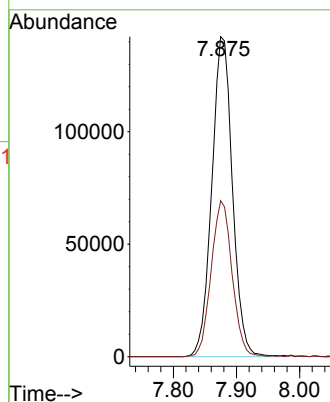
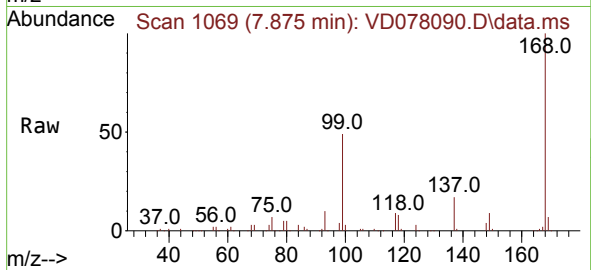




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078090.D
Acq: 28 Dec 2023 14:09

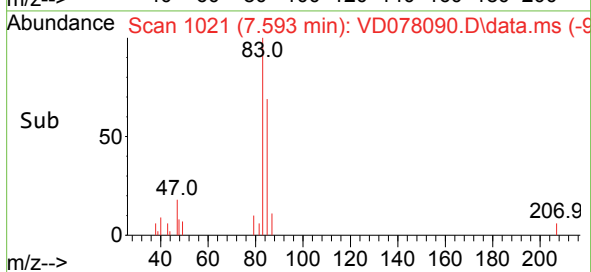
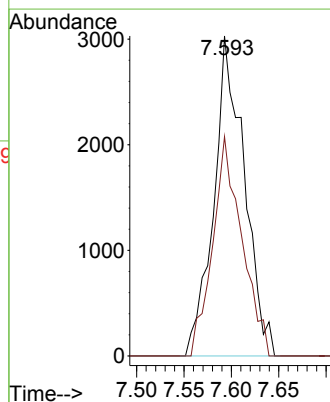
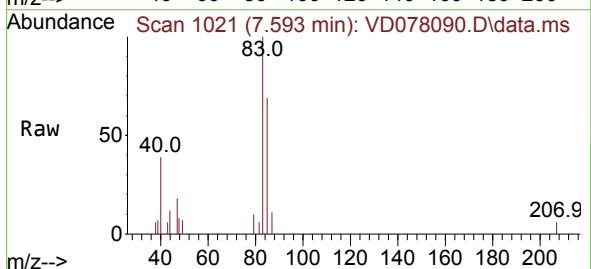
Instrument :
MSVOA_D
ClientSampleId :
MR-321-0-2

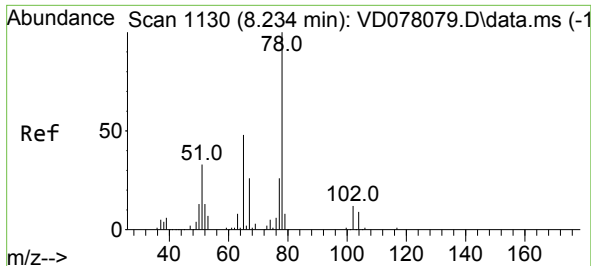
Tgt Ion:168 Resp: 323260
Ion Ratio Lower Upper
168 100
99 48.7 36.7 55.1



#30
Chloroform
Concen: 1.028 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD078090.D
Acq: 28 Dec 2023 14:09

Tgt Ion: 83 Resp: 6799
Ion Ratio Lower Upper
83 100
85 68.6 53.4 80.2





#33

1,2-Dichloroethane-d4

Concen: 38.977 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078090.D

Acq: 28 Dec 2023 14:09

Instrument :

MSVOA_D

ClientSampleId :

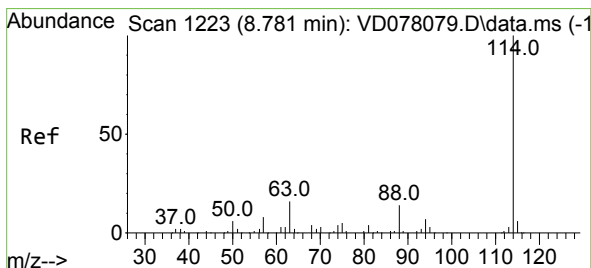
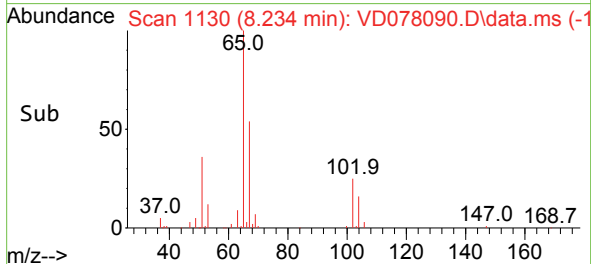
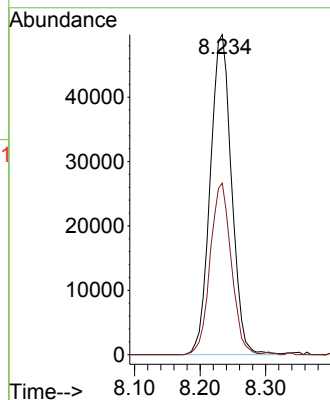
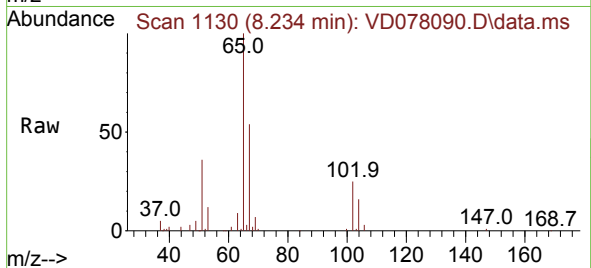
MR-321-0-2

Tgt Ion: 65 Resp: 112108

Ion Ratio Lower Upper

65 100

67 53.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD078090.D

Acq: 28 Dec 2023 14:09

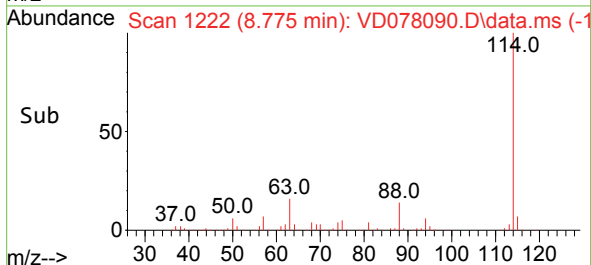
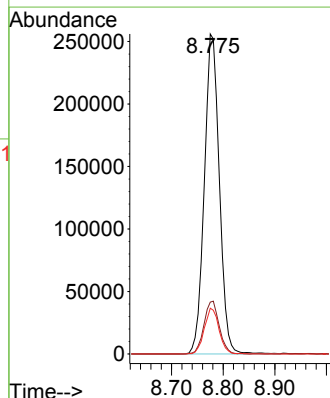
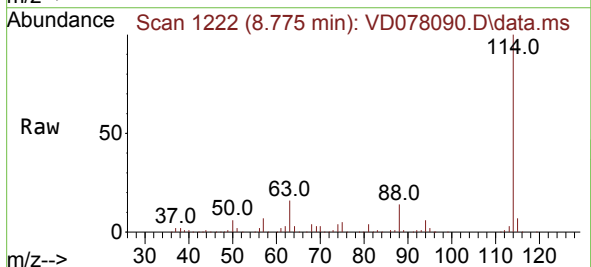
Tgt Ion: 114 Resp: 516764

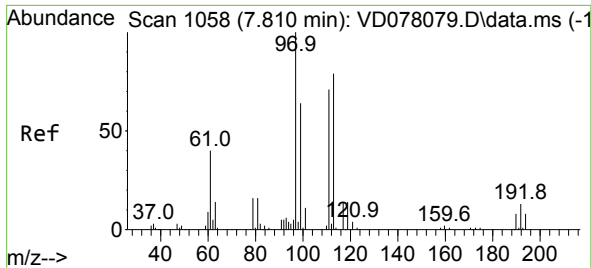
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.4

88 14.3 0.0 26.2

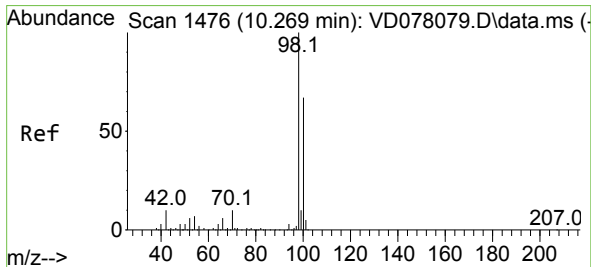
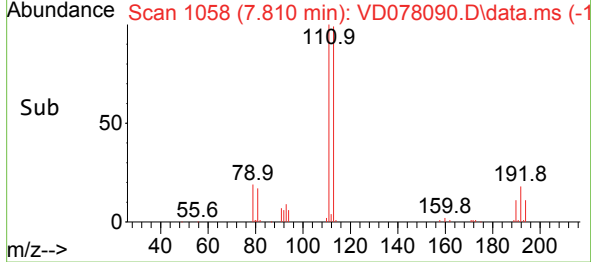
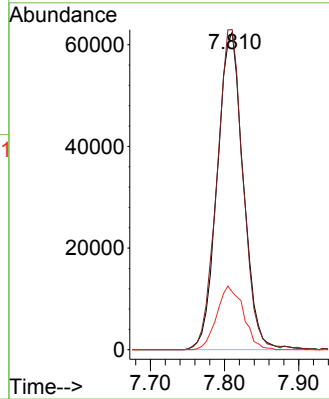
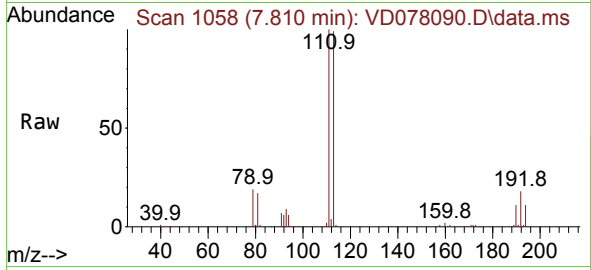




#35
Dibromofluoromethane
Concen: 45.641 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078090.D
Acq: 28 Dec 2023 14:09

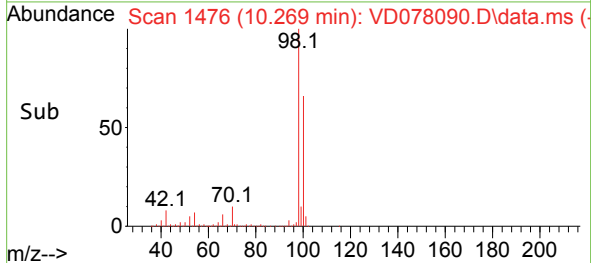
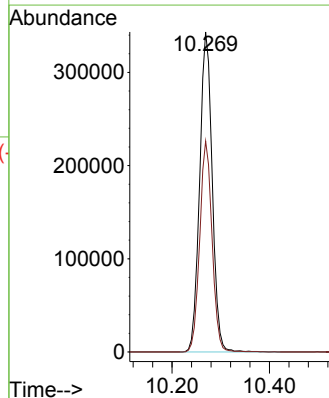
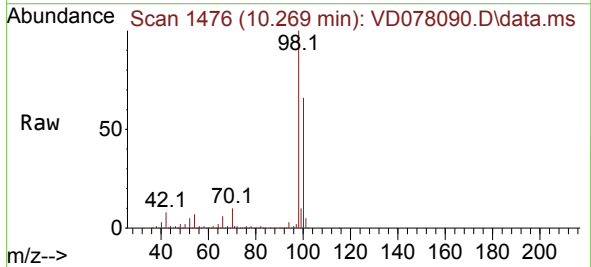
Instrument :
MSVOA_D
ClientSampleId :
MR-321-0-2

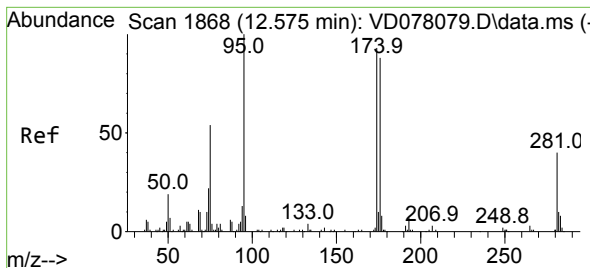
Tgt Ion:113 Resp: 151757
Ion Ratio Lower Upper
113 100
111 101.9 84.7 127.1
192 20.6 16.8 25.2



#50
Toluene-d8
Concen: 52.549 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078090.D
Acq: 28 Dec 2023 14:09

Tgt Ion: 98 Resp: 614806
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5

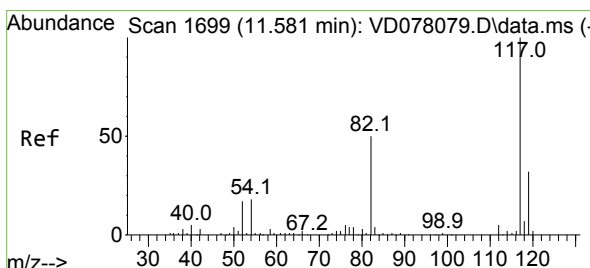
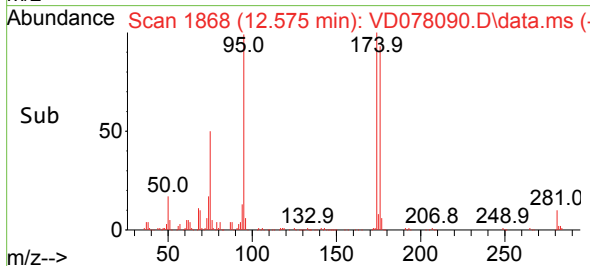
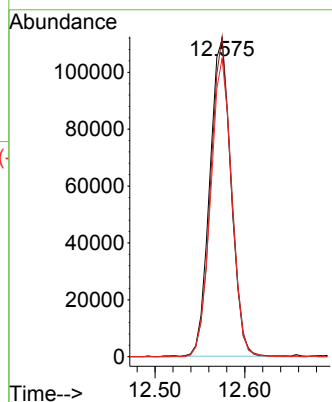
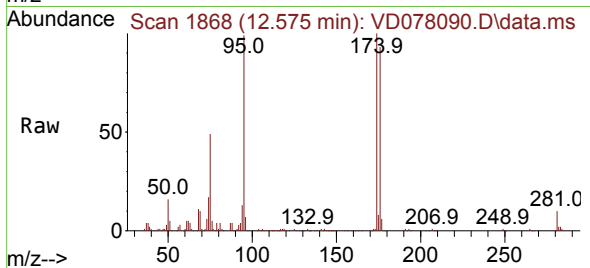




#62
4-Bromofluorobenzene
Concen: 48.586 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078090.D
Acq: 28 Dec 2023 14:09

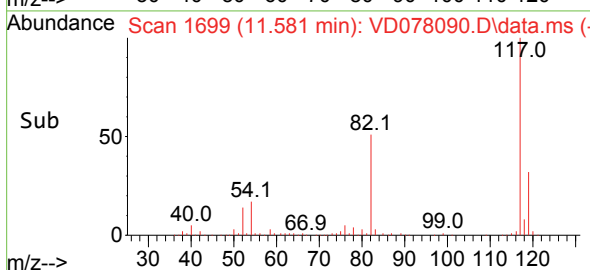
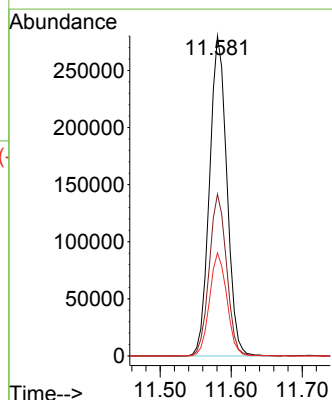
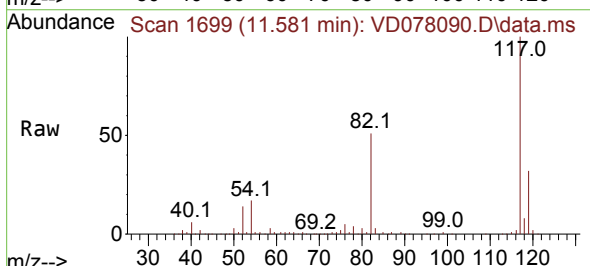
Instrument :
MSVOA_D
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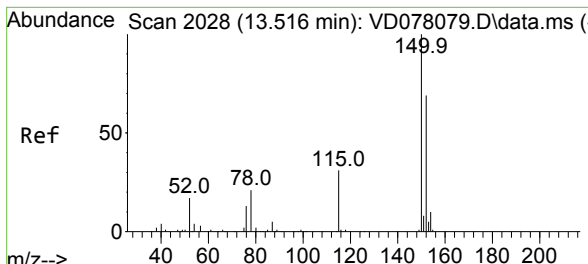
Tgt Ion:	95	Resp:	182901
Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	201.8
176	93.2	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078090.D
Acq: 28 Dec 2023 14:09

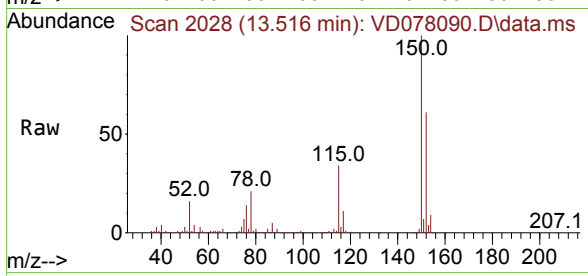
Tgt Ion:	117	Resp:	475902
Ion	Ratio	Lower	Upper
117	100		
82	50.6	38.3	57.5
119	32.2	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078090.D
 Acq: 28 Dec 2023 14:09

Instrument :
 MSVOA_D
 ClientSampleId :
 MR-321-0-2



Tgt Ion:152 Resp: 211405

Ion	Ratio	Lower	Upper
152	100		
115	54.2	27.1	81.3
150	157.4	0.0	353.6

