

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122823\
 Data File : VD078094.D
 Acq On : 28 Dec 2023 15:58
 Operator : RP/MD
 Sample : 06035-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-5-122723

Quant Time: Dec 28 22:26:33 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)

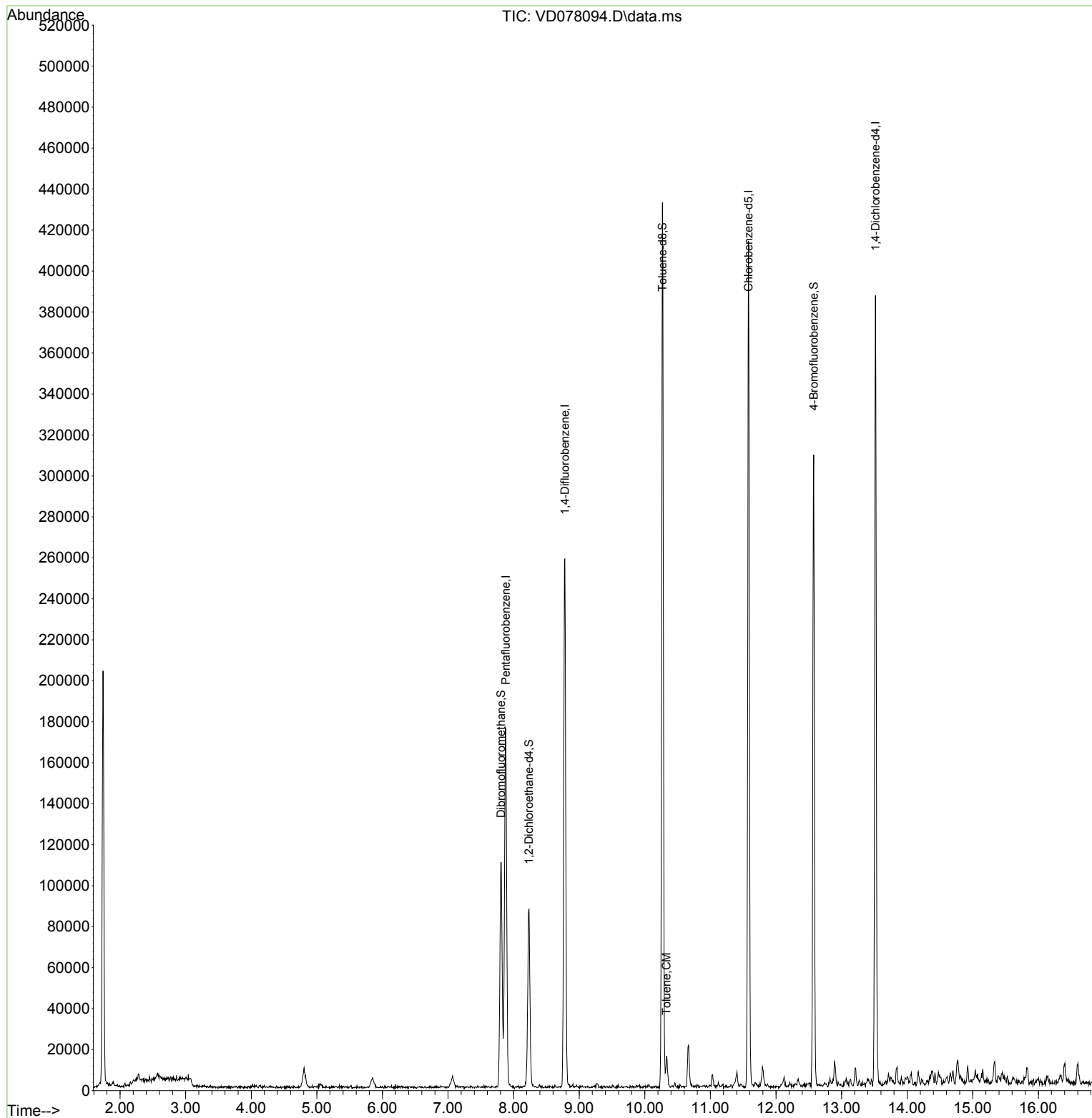
Internal Standards						
1) Pentafluorobenzene	7.881	168	144566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	245246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	242464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	107912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	67415	52.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.820%	
35) Dibromofluoromethane	7.811	113	80430	50.970	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.940%	
50) Toluene-d8	10.269	98	303351	54.634	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.260%	
62) 4-Bromofluorobenzene	12.575	95	92108	51.556	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.120%	
Target Compounds						
52) Toluene	10.328	92	5594	1.348	ug/l	Qvalue 95

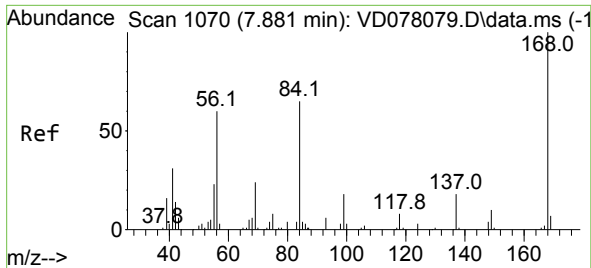
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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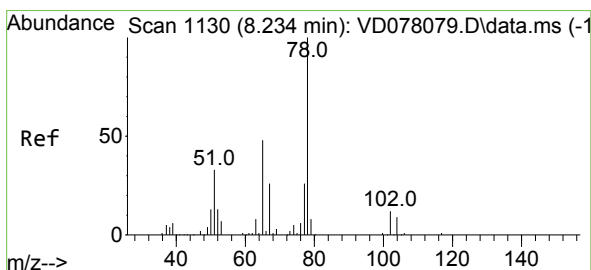
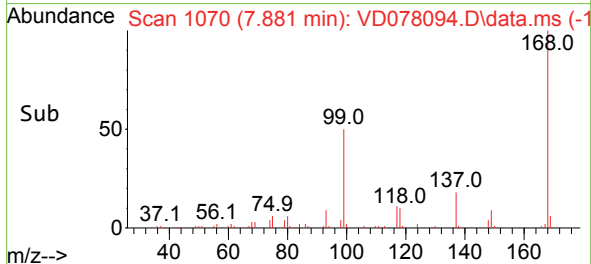
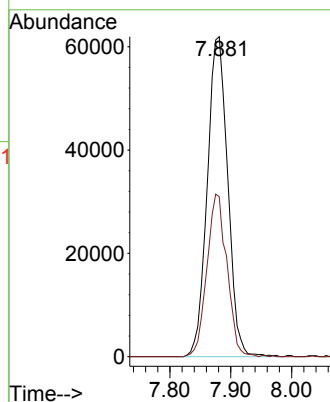
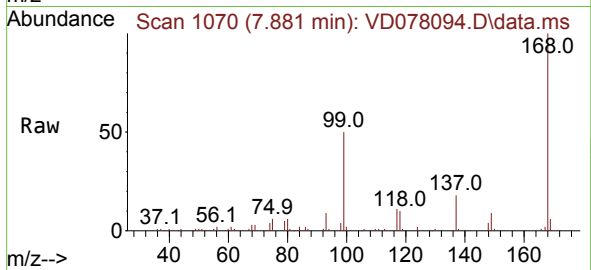




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078094.D
Acq: 28 Dec 2023 15:58

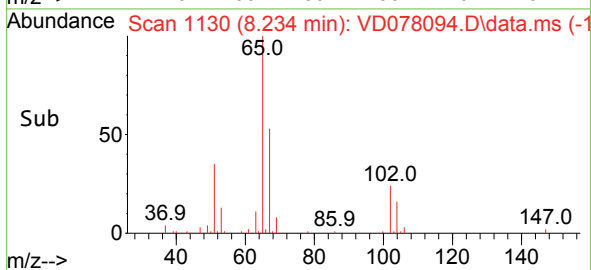
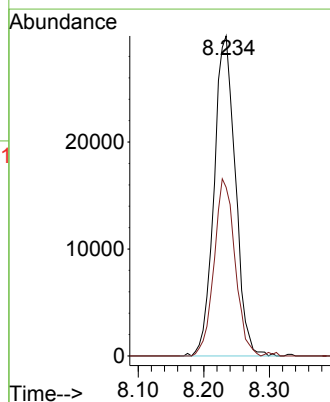
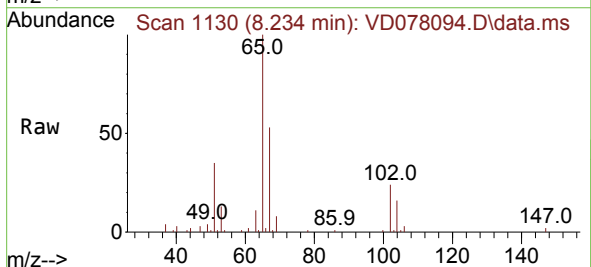
Instrument :
MSVOA_D
ClientSampleId :
TR-5-122723

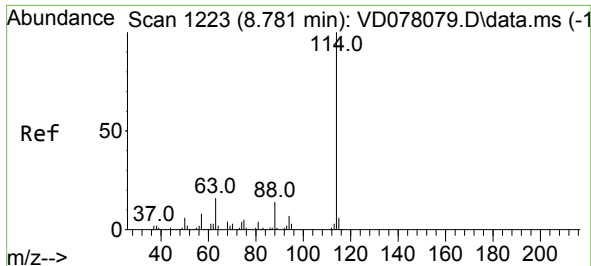
Tgt Ion:168 Resp: 144566
Ion Ratio Lower Upper
168 100
99 50.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 52.410 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078094.D
Acq: 28 Dec 2023 15:58

Tgt Ion: 65 Resp: 67415
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0

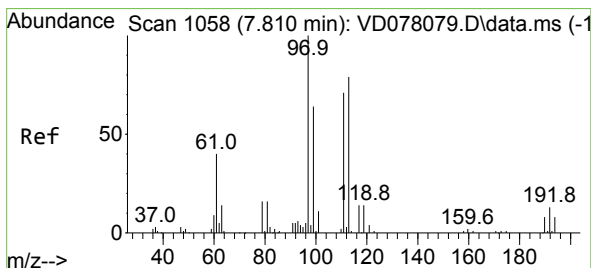
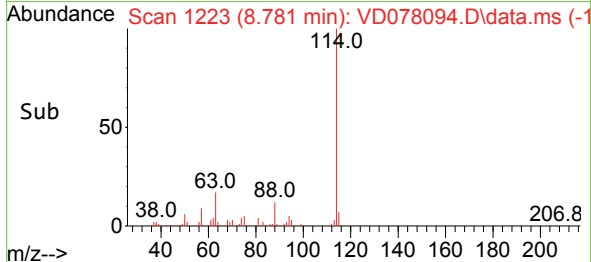
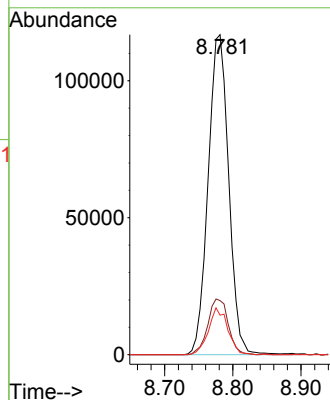
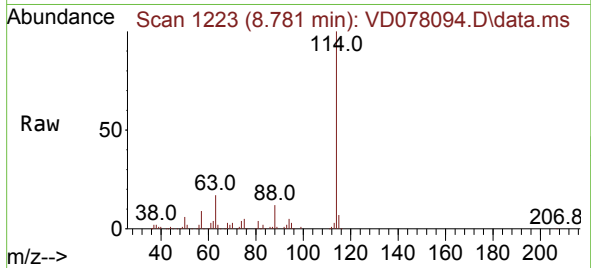




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078094.D
Acq: 28 Dec 2023 15:58

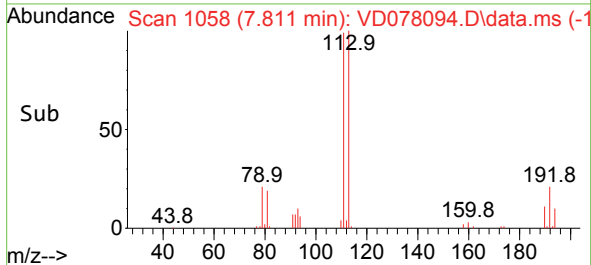
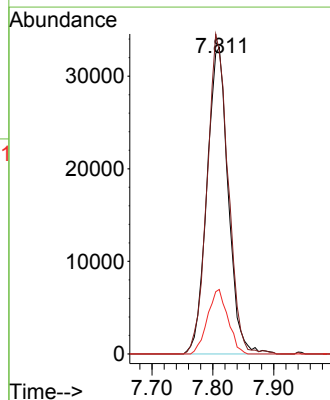
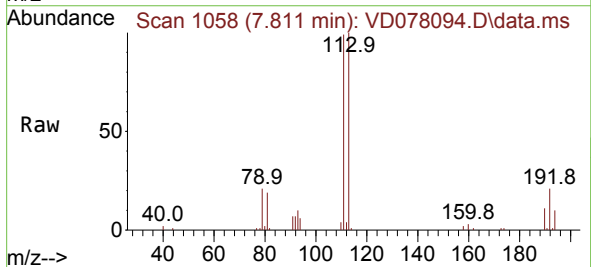
Instrument :
MSVOA_D
ClientSampleId :
TR-5-122723

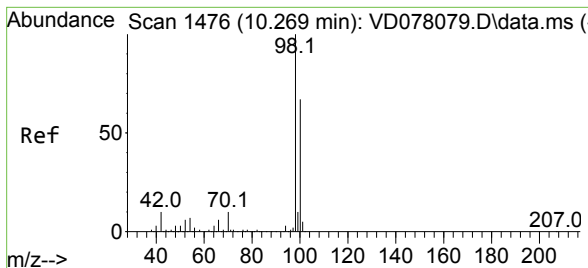
Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	33.4
88	12.3	0.0	26.2



#35
Dibromofluoromethane
Concen: 50.970 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078094.D
Acq: 28 Dec 2023 15:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	84.7	127.1
192	20.1	16.8	25.2

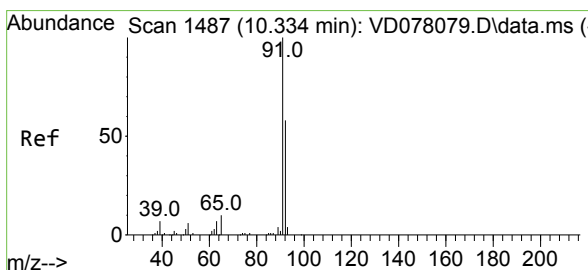
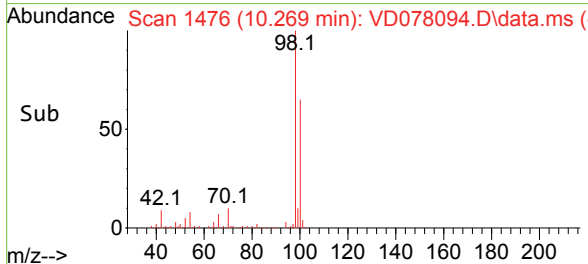
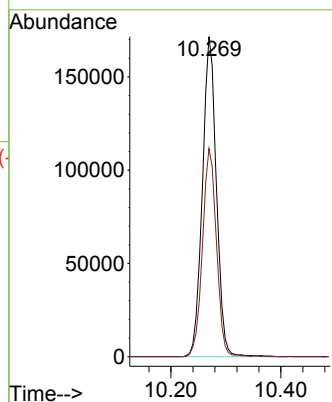
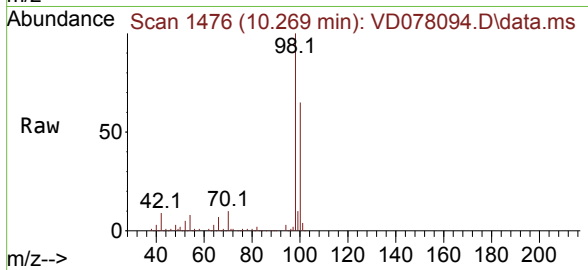




#50
Toluene-d8
Concen: 54.634 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078094.D
Acq: 28 Dec 2023 15:58

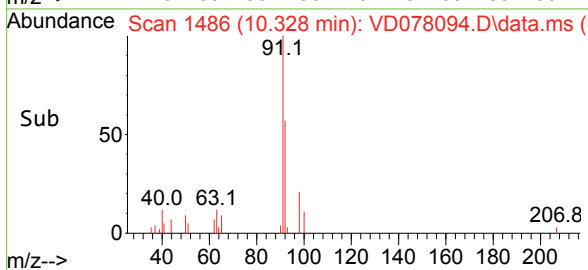
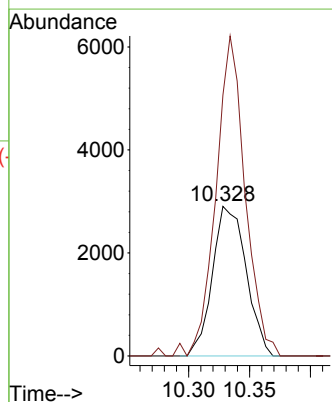
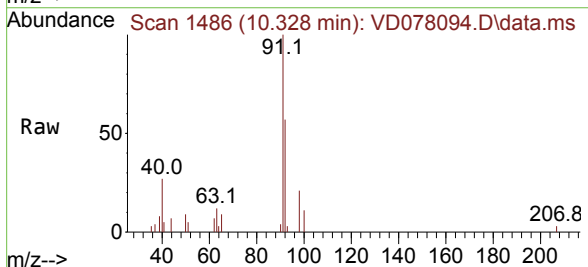
Instrument :
MSVOA_D
ClientSampleId :
TR-5-122723

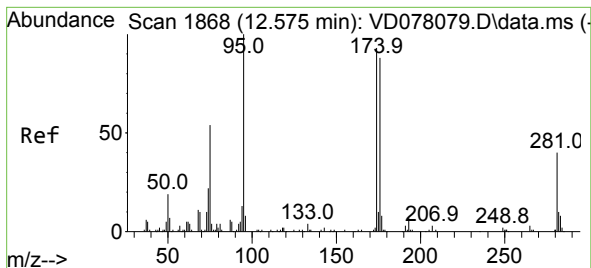
Tgt Ion: 98 Resp: 303351
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5



#52
Toluene
Concen: 1.348 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.005 min
Lab File: VD078094.D
Acq: 28 Dec 2023 15:58

Tgt Ion: 92 Resp: 5594
Ion Ratio Lower Upper
92 100
91 185.9 143.0 214.4

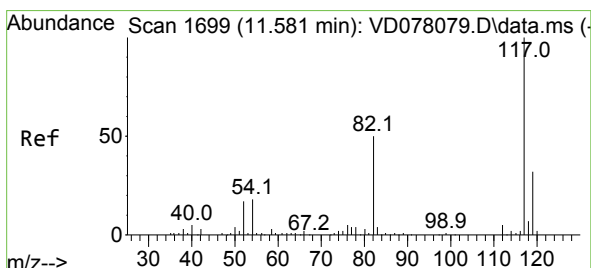
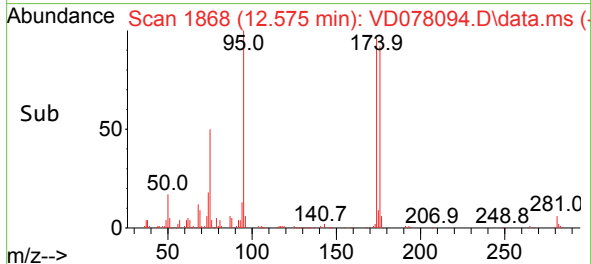
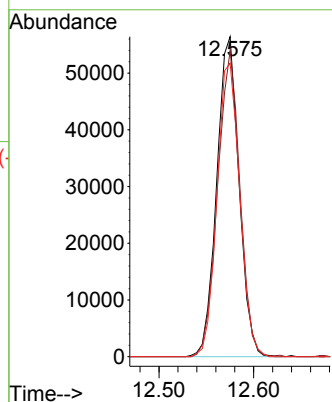
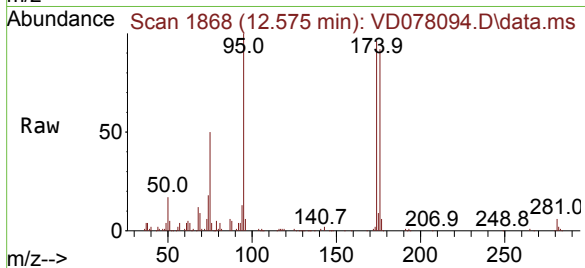




#62
4-Bromofluorobenzene
Concen: 51.556 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078094.D
Acq: 28 Dec 2023 15:58

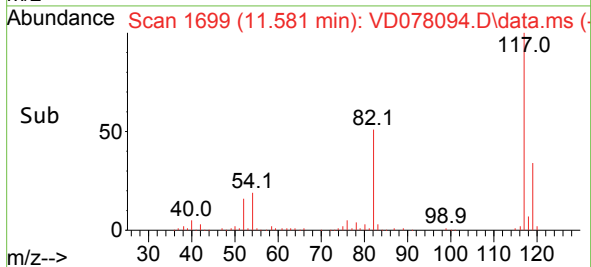
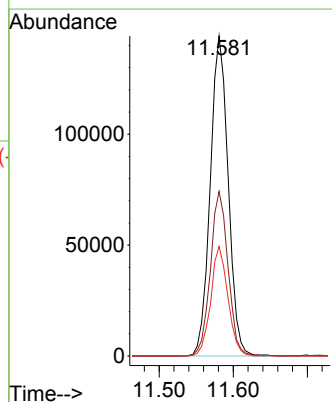
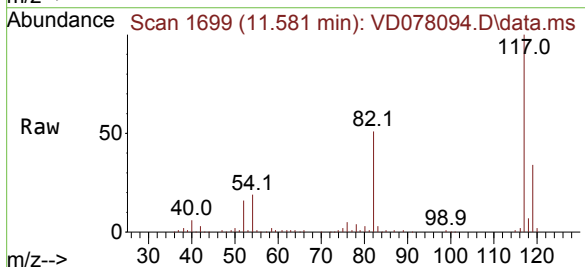
Instrument :
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TR-5-122723

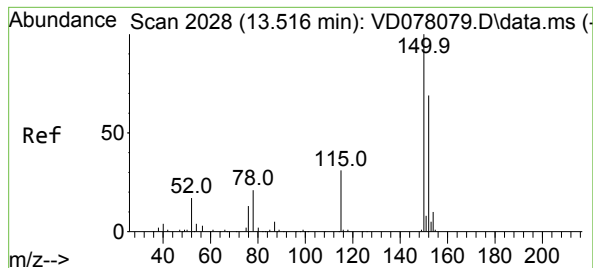
Tgt Ion:	95	Resp:	92108
Ion	Ratio	Lower	Upper
95	100		
174	95.8	0.0	201.8
176	93.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078094.D
Acq: 28 Dec 2023 15:58

Tgt Ion:	117	Resp:	242464
Ion	Ratio	Lower	Upper
117	100		
82	51.4	38.3	57.5
119	34.3	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: VD078094.D

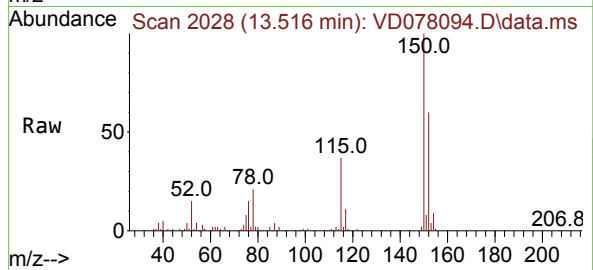
Acq: 28 Dec 2023 15:58

Instrument :

MSVOA_D

ClientSampleId :

TR-5-122723



Tgt Ion:152 Resp: 107912

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 159.4 0.0 353.6

