

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078496.D
 Acq On : 21 Feb 2024 13:56
 Operator : RP/MD
 Sample : P1538-01
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20241096-COMPOSITE-35N-N-4-01

Quant Time: Feb 22 00:03:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

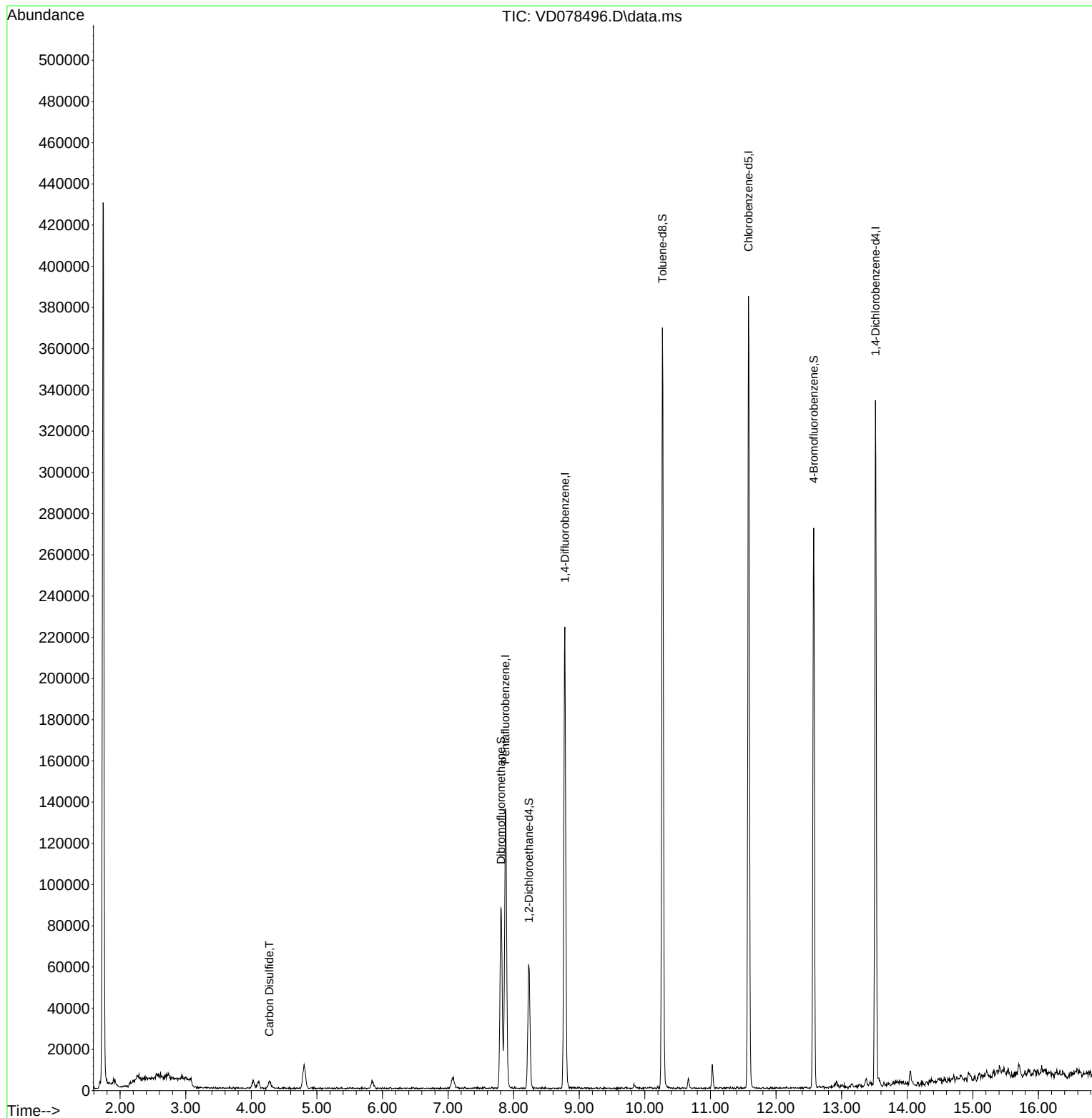
Internal Standards						
1) Pentafluorobenzene	7.875	168	103542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	205255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	48033	42.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.800%
35) Dibromofluoromethane	7.810	113	64825	49.719	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.440%
50) Toluene-d8	10.269	98	258749	49.611	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.575	95	83114	54.761	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.520%
Target Compounds						
17) Carbon Disulfide	4.275	76	6383	1.681	ug/l	Qvalue 96

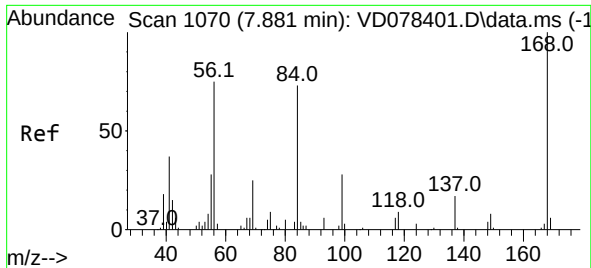
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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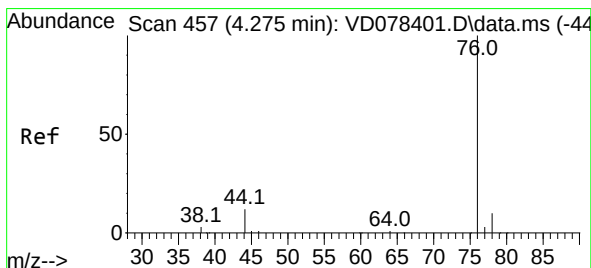
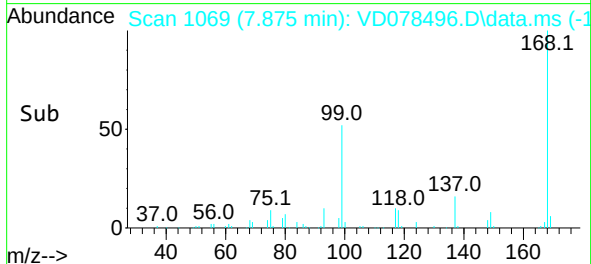
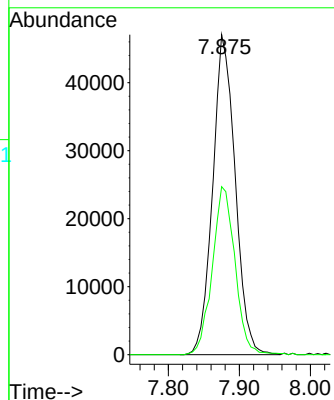
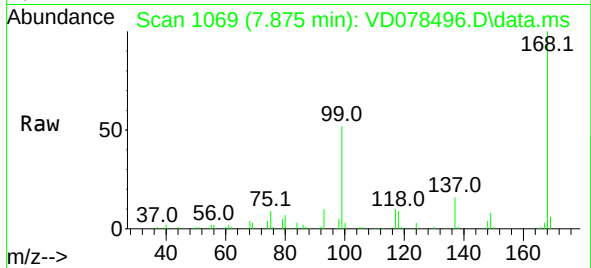




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD078496.D
Acq: 21 Feb 2024 13:56

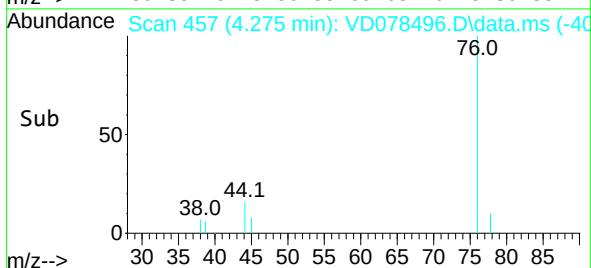
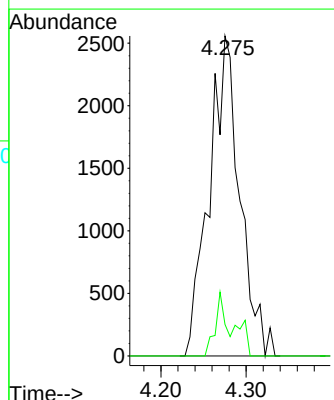
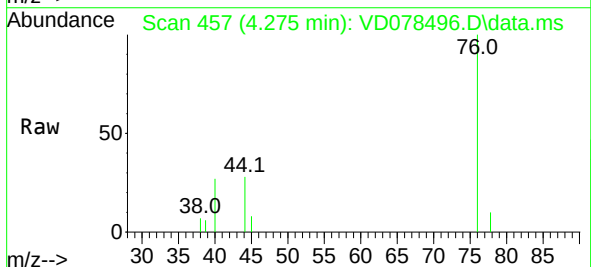
Instrument :
MSVOA_D
ClientSampleId :
20241096-COMPOSITE-35N-N-4-01

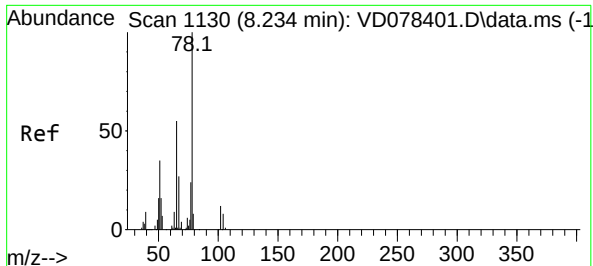
Tgt Ion:168 Resp: 103542
Ion Ratio Lower Upper
168 100
99 52.5 36.7 55.1



#17
Carbon Disulfide
Concen: 1.681 ug/l
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
Lab File: VD078496.D
Acq: 21 Feb 2024 13:56

Tgt Ion: 76 Resp: 6383
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2





#33

1,2-Dichloroethane-d4

Concen: 42.904 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078496.D

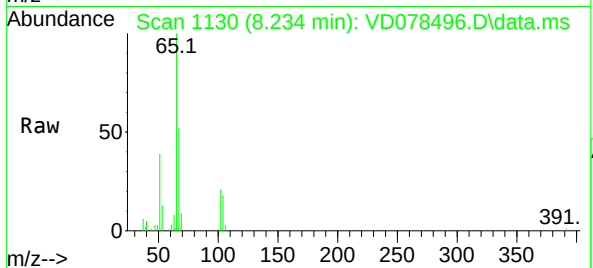
Acq: 21 Feb 2024 13:56

Instrument :

MSVOA_D

ClientSampleId :

20241096-COMPOSITE-35N-N-4-01

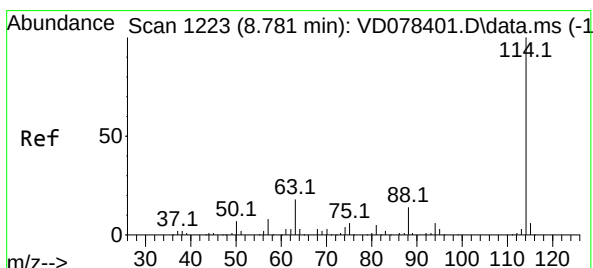
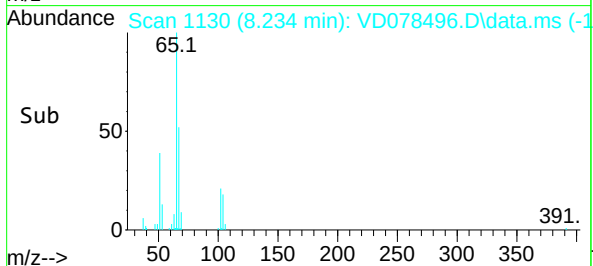
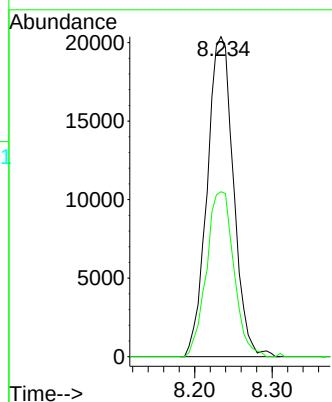


Tgt Ion: 65 Resp: 48033

Ion Ratio Lower Upper

65 100

67 53.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078496.D

Acq: 21 Feb 2024 13:56

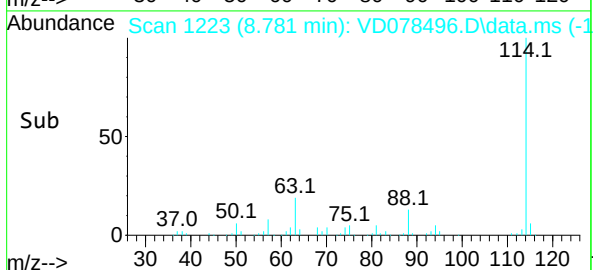
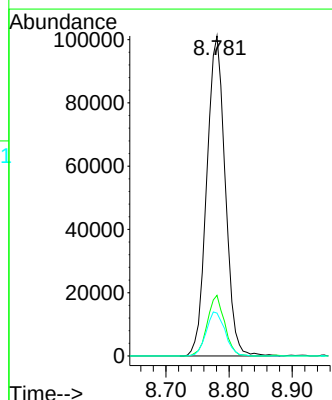
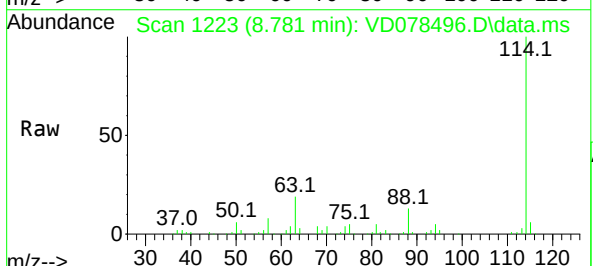
Tgt Ion: 114 Resp: 205255

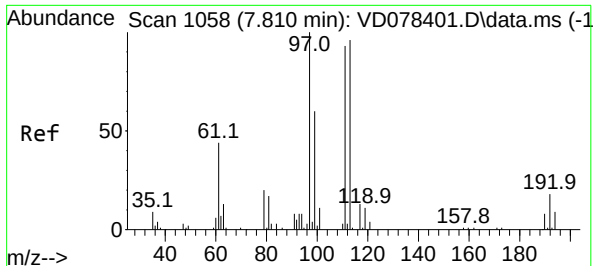
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

88 13.4 0.0 26.2

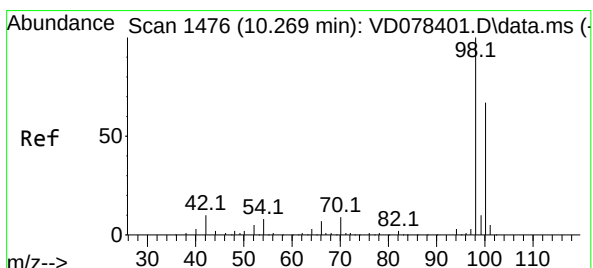
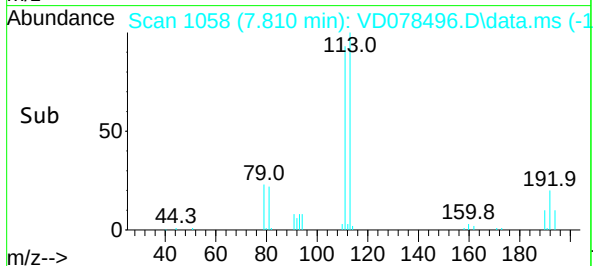
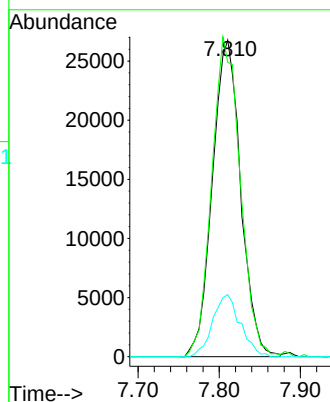
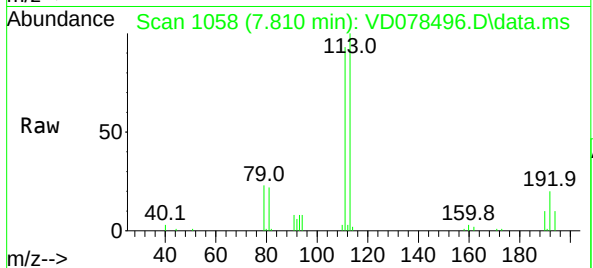




#35
 Dibromofluoromethane
 Concen: 49.719 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. -0.000 min
 Lab File: VD078496.D
 Acq: 21 Feb 2024 13:56

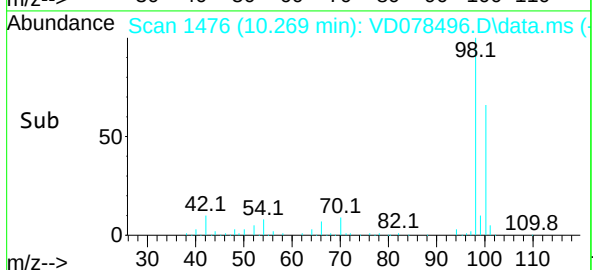
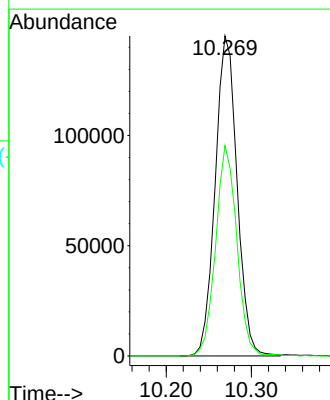
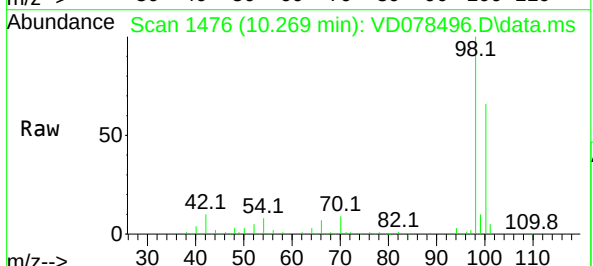
Instrument : MSVOA_D
 ClientSampleId : 20241096-COMPOSITE-35N-N-4-01

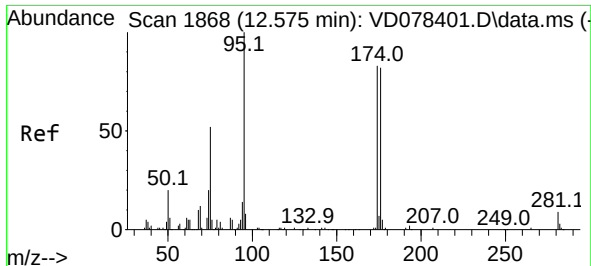
Tgt Ion:	113	Resp:	64825
Ion	Ratio	Lower	Upper
113	100		
111	101.6	84.7	127.1
192	19.2	16.8	25.2



#50
 Toluene-d8
 Concen: 49.611 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD078496.D
 Acq: 21 Feb 2024 13:56

Tgt Ion:	98	Resp:	258749
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.3	75.5

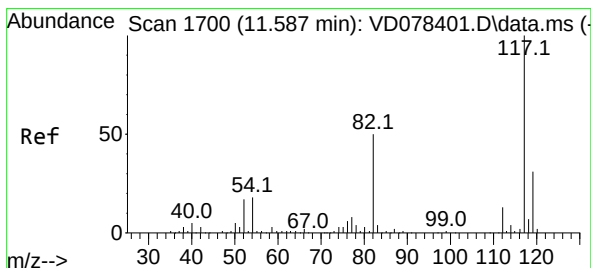
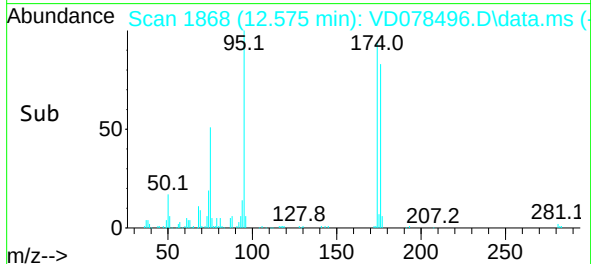
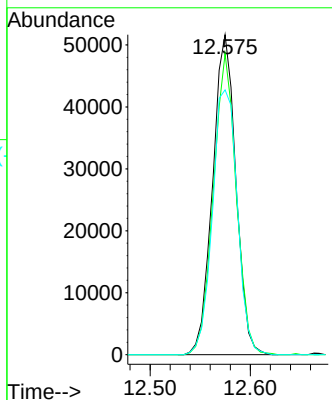
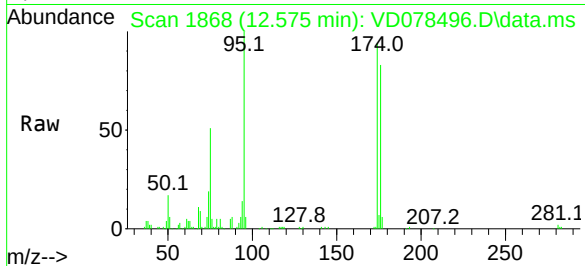




#62
4-Bromofluorobenzene
Concen: 54.761 ug/l
RT: 12.575 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078496.D
Acq: 21 Feb 2024 13:56

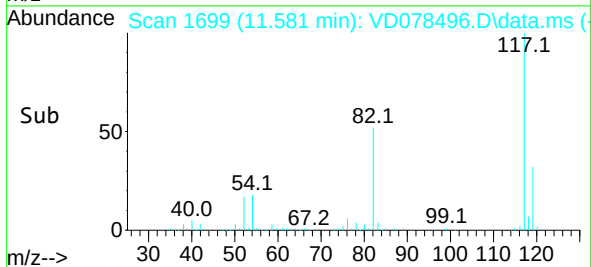
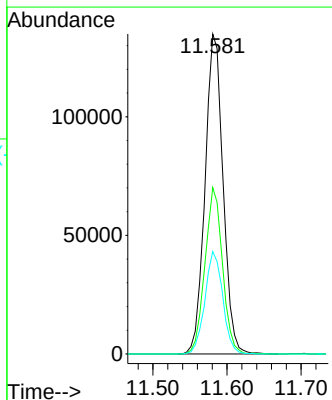
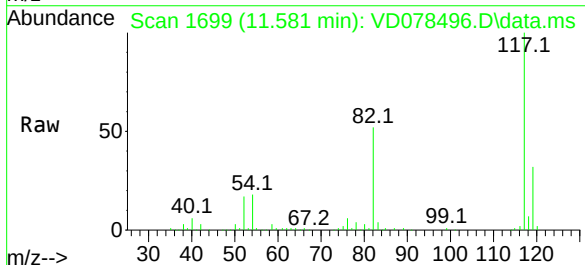
Instrument : MSVOA_D
ClientSampleId : 20241096-COMPOSITE-35N-N-4-01

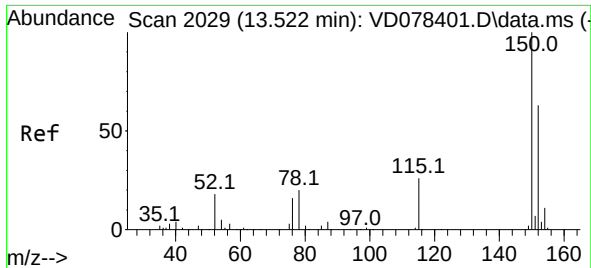
Tgt Ion:	95	Resp:	83114
Ion	Ratio	Lower	Upper
95	100		
174	92.4	0.0	201.8
176	88.8	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078496.D
Acq: 21 Feb 2024 13:56

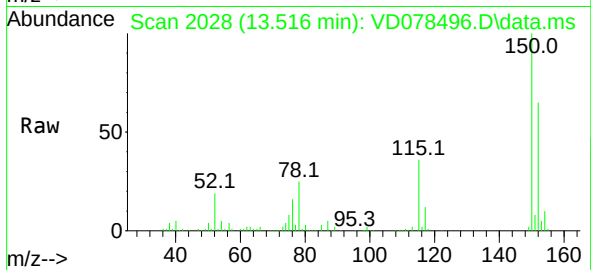
Tgt Ion:	117	Resp:	227862
Ion	Ratio	Lower	Upper
117	100		
82	52.0	38.3	57.5
119	32.0	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078496.D
 Acq: 21 Feb 2024 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 20241096-COMPOSITE-35N-N-4-01



Tgt Ion:152 Resp: 91034
 Ion Ratio Lower Upper
 152 100
 115 55.6 27.1 81.3
 150 157.8 0.0 353.6

