

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078419.D
 Acq On : 14 Feb 2024 17:30
 Operator : RP/MD
 Sample : P1464-02
 Misc : 4.04G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PN-2(NORTH-AREA)

Quant Time: Feb 15 03:42:44 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)

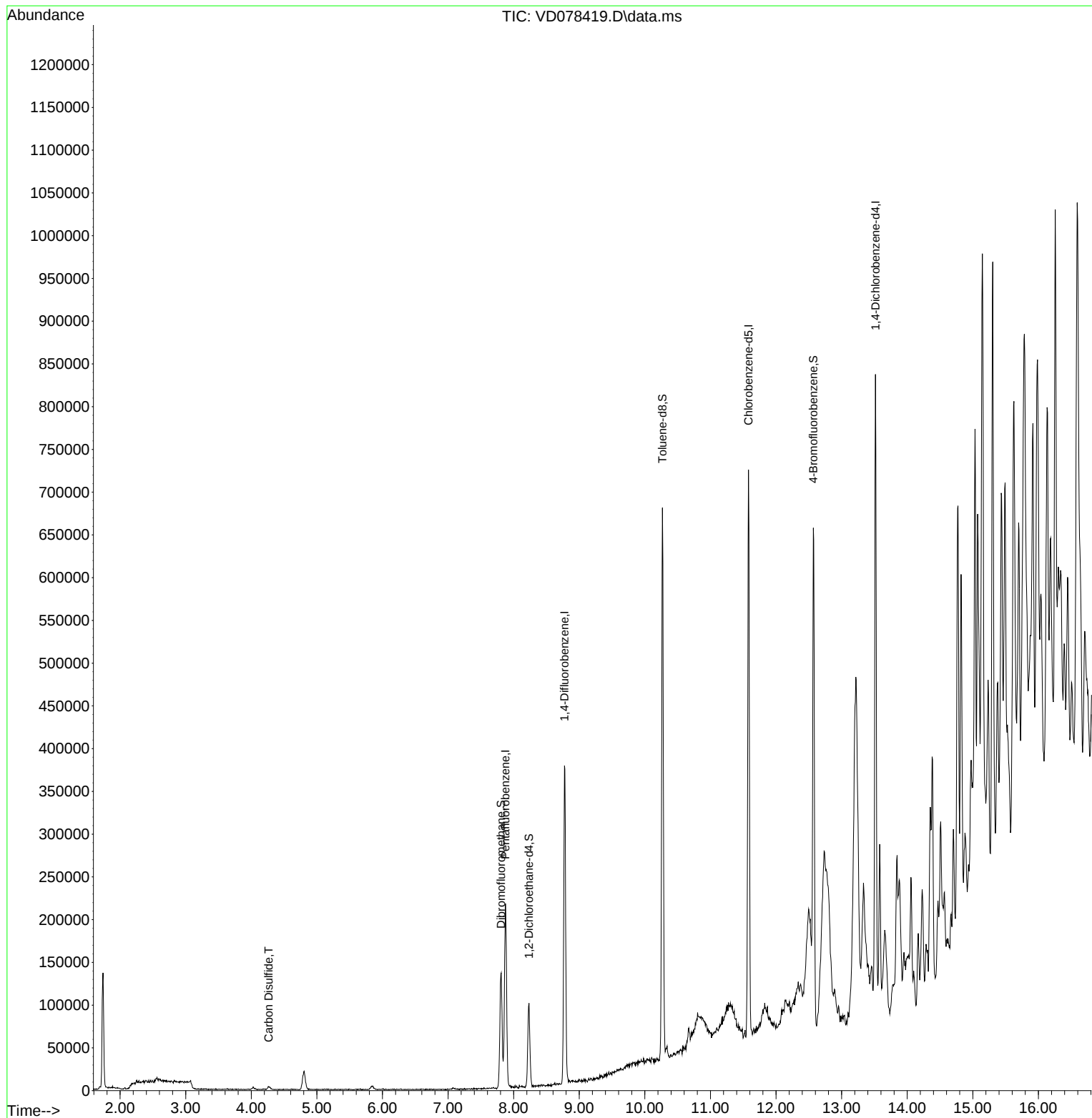
Internal Standards						
1) Pentafluorobenzene	7.875	168	166691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	338454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	404105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	201890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74250	41.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.400%
35) Dibromofluoromethane	7.810	113	98427	45.782	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.560%
50) Toluene-d8	10.269	98	452039	52.561	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.120%
62) 4-Bromofluorobenzene	12.569	95	178698	71.402	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	142.800%
Target Compounds						
17) Carbon Disulfide	4.263	76	7556	1.236	ug/l	Qvalue 98

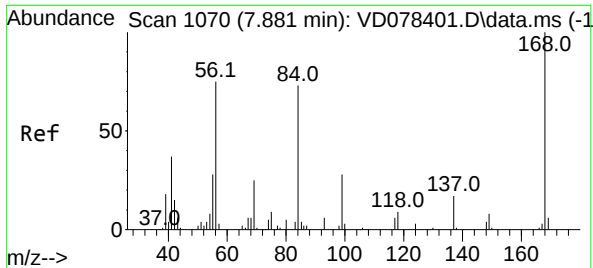
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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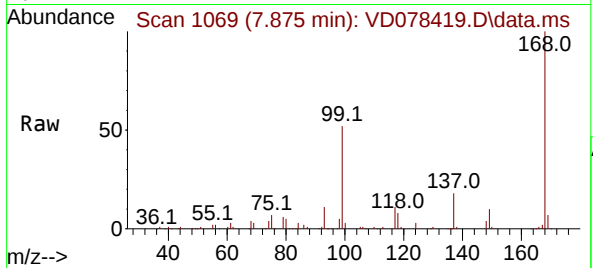
Quant Time: Feb 15 03:42:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
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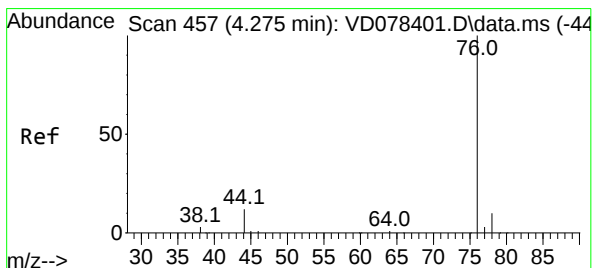
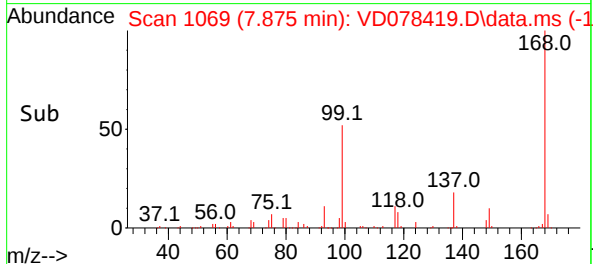
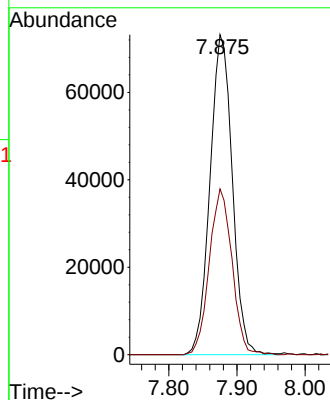


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078419.D
Acq: 14 Feb 2024 17:30

Instrument :
MSVOA_D
ClientSampleId :
PN-2(NORTH-AREA)

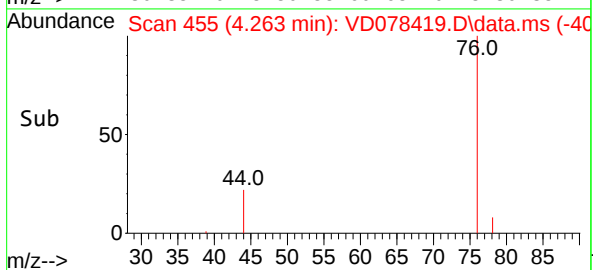
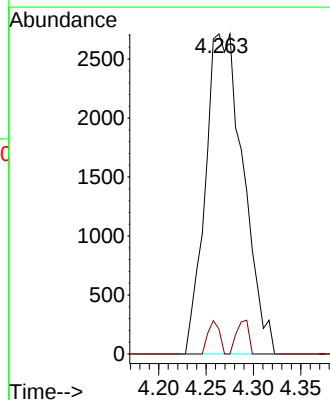
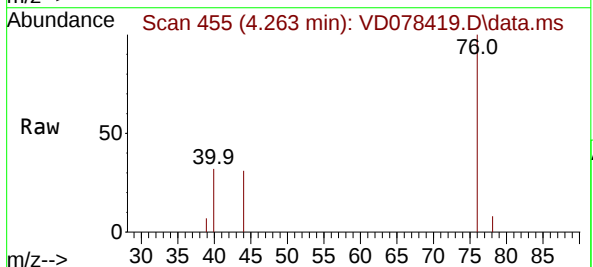


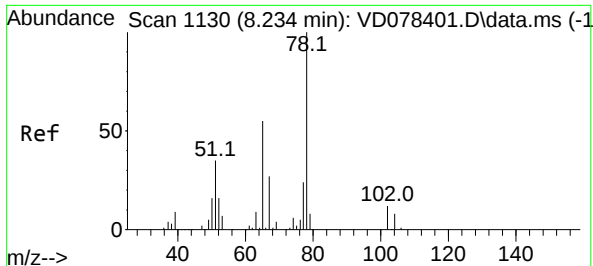
Tgt Ion:168 Resp: 166691
Ion Ratio Lower Upper
168 100
99 51.8 36.7 55.1



#17
Carbon Disulfide
Concen: 1.236 ug/l
RT: 4.263 min Scan# 455
Delta R.T. -0.012 min
Lab File: VD078419.D
Acq: 14 Feb 2024 17:30

Tgt Ion: 76 Resp: 7556
Ion Ratio Lower Upper
76 100
78 7.8 6.8 10.2





#33

1,2-Dichloroethane-d4

Concen: 41.196 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078419.D

Acq: 14 Feb 2024 17:30

Instrument :

MSVOA_D

ClientSampleId :

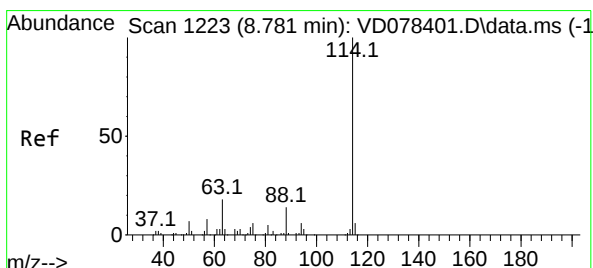
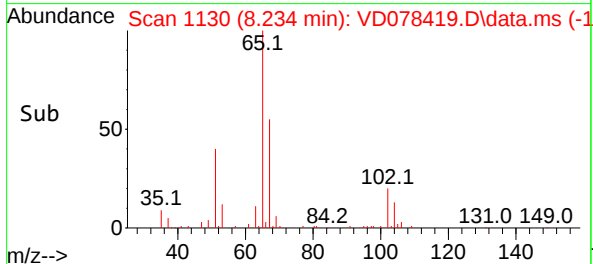
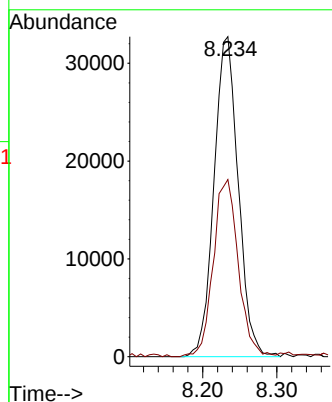
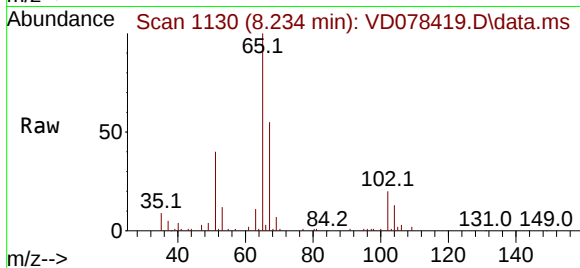
PN-2(NORTH-AREA)

Tgt Ion: 65 Resp: 74250

Ion Ratio Lower Upper

65 100

67 57.0 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: VD078419.D

Acq: 14 Feb 2024 17:30

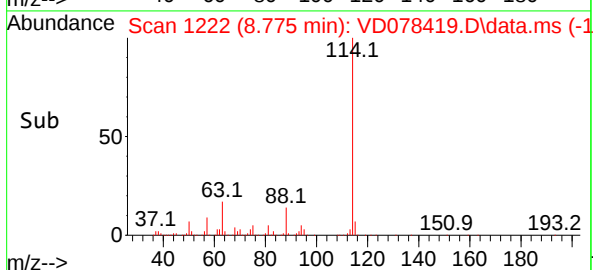
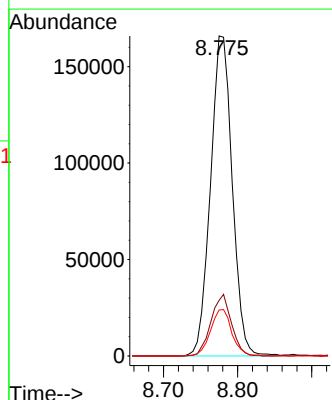
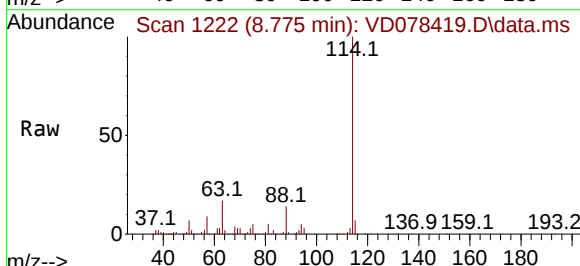
Tgt Ion: 114 Resp: 338454

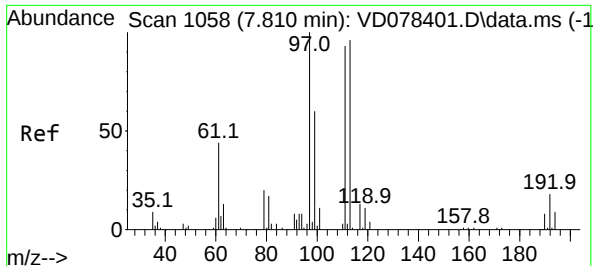
Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.4

88 14.4 0.0 26.2

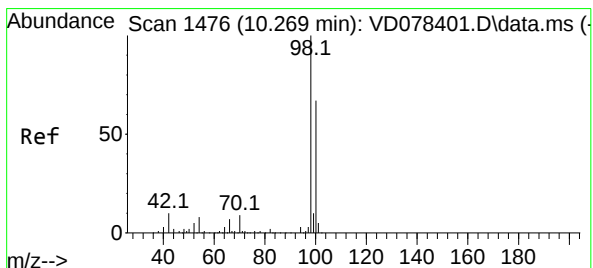
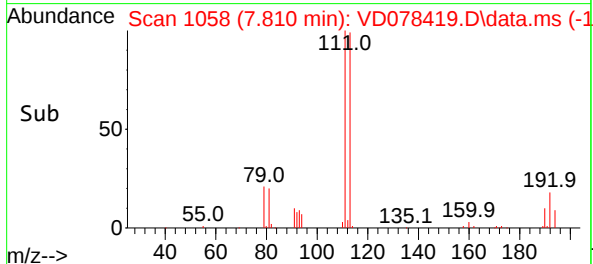
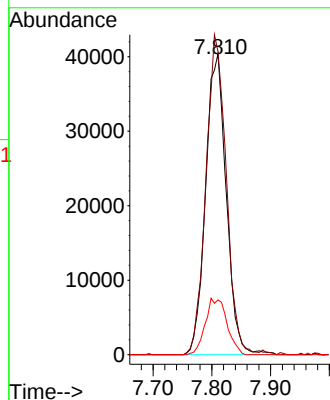
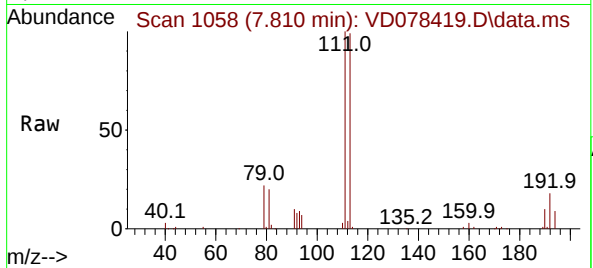




#35
Dibromofluoromethane
Concen: 45.782 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078419.D
Acq: 14 Feb 2024 17:30

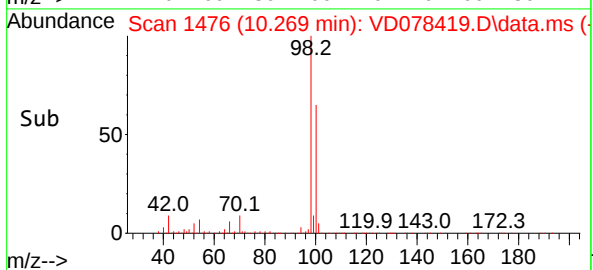
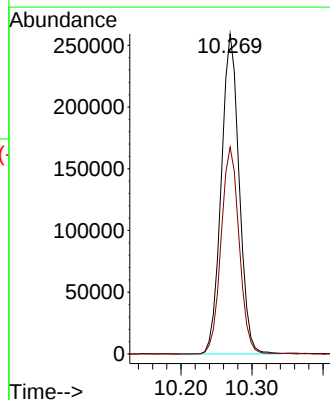
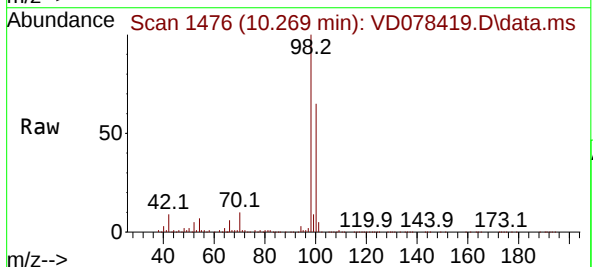
Instrument :
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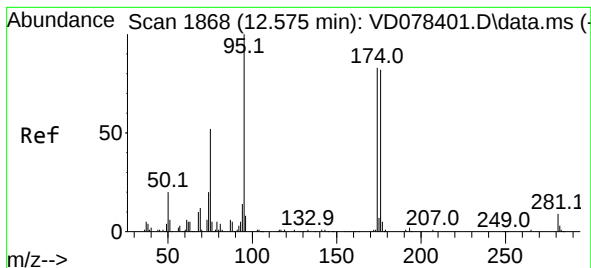
Tgt Ion:113 Resp: 98427
Ion Ratio Lower Upper
113 100
111 104.5 84.7 127.1
192 19.6 16.8 25.2



#50
Toluene-d8
Concen: 52.561 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078419.D
Acq: 14 Feb 2024 17:30

Tgt Ion: 98 Resp: 452039
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5

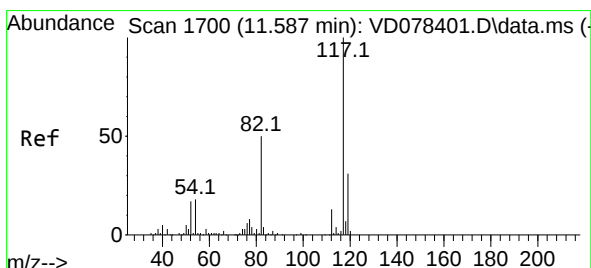
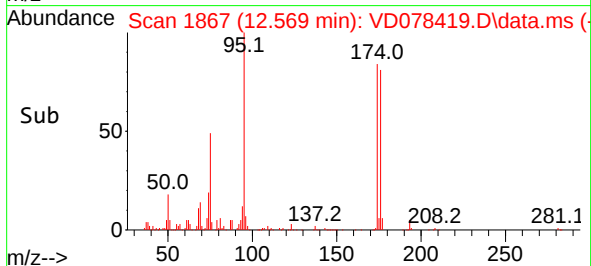
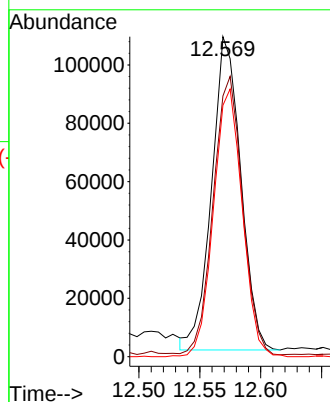
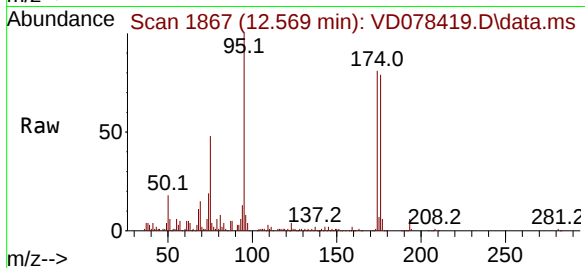




#62
4-Bromofluorobenzene
Concen: 71.402 ug/l
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078419.D
Acq: 14 Feb 2024 17:30

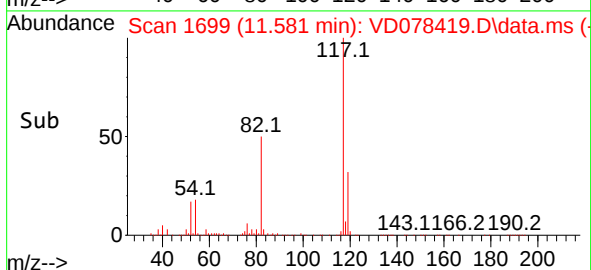
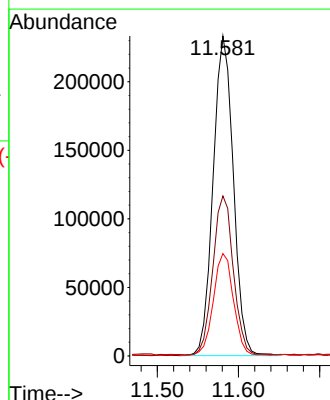
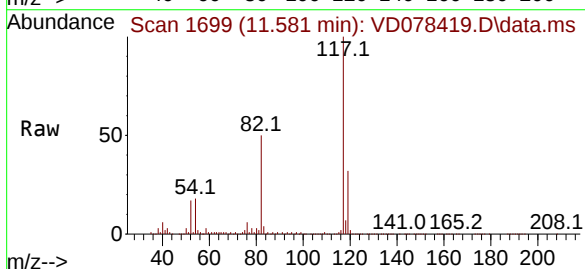
Instrument :
MSVOA_D
ClientSampleId :
PN-2(NORTH-AREA)

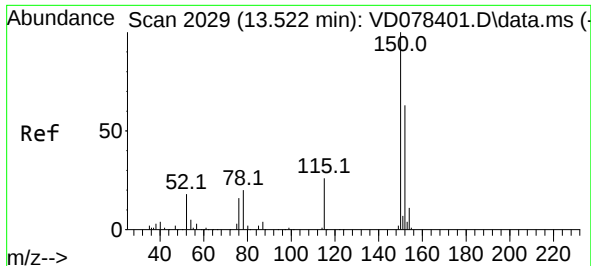
Tgt Ion: 95 Resp: 178698
Ion Ratio Lower Upper
95 100
174 89.3 0.0 201.8
176 84.6 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078419.D
Acq: 14 Feb 2024 17:30

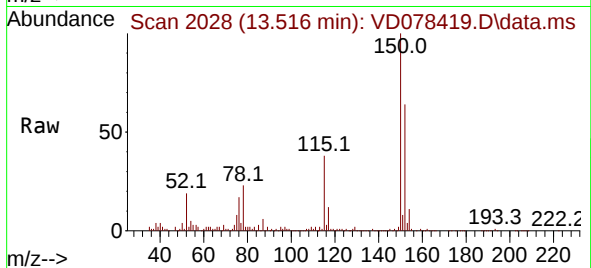
Tgt Ion:117 Resp: 404105
Ion Ratio Lower Upper
117 100
82 49.7 38.3 57.5
119 31.7 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078419.D
 Acq: 14 Feb 2024 17:30

Instrument :
 MSVOA_D
 ClientSampleId :
 PN-2(NORTH-AREA)



Tgt Ion:152 Resp: 201890

Ion	Ratio	Lower	Upper
152	100		
115	57.8	27.1	81.3
150	158.5	0.0	353.6

