

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022024\
 Data File : VD078481.D
 Acq On : 20 Feb 2024 14:14
 Operator : RP/MD
 Sample : P1523-02
 Misc : 5.07G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20240764-COMPOSITE-39N-N-3-02

Quant Time: Feb 21 05:23:39 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)

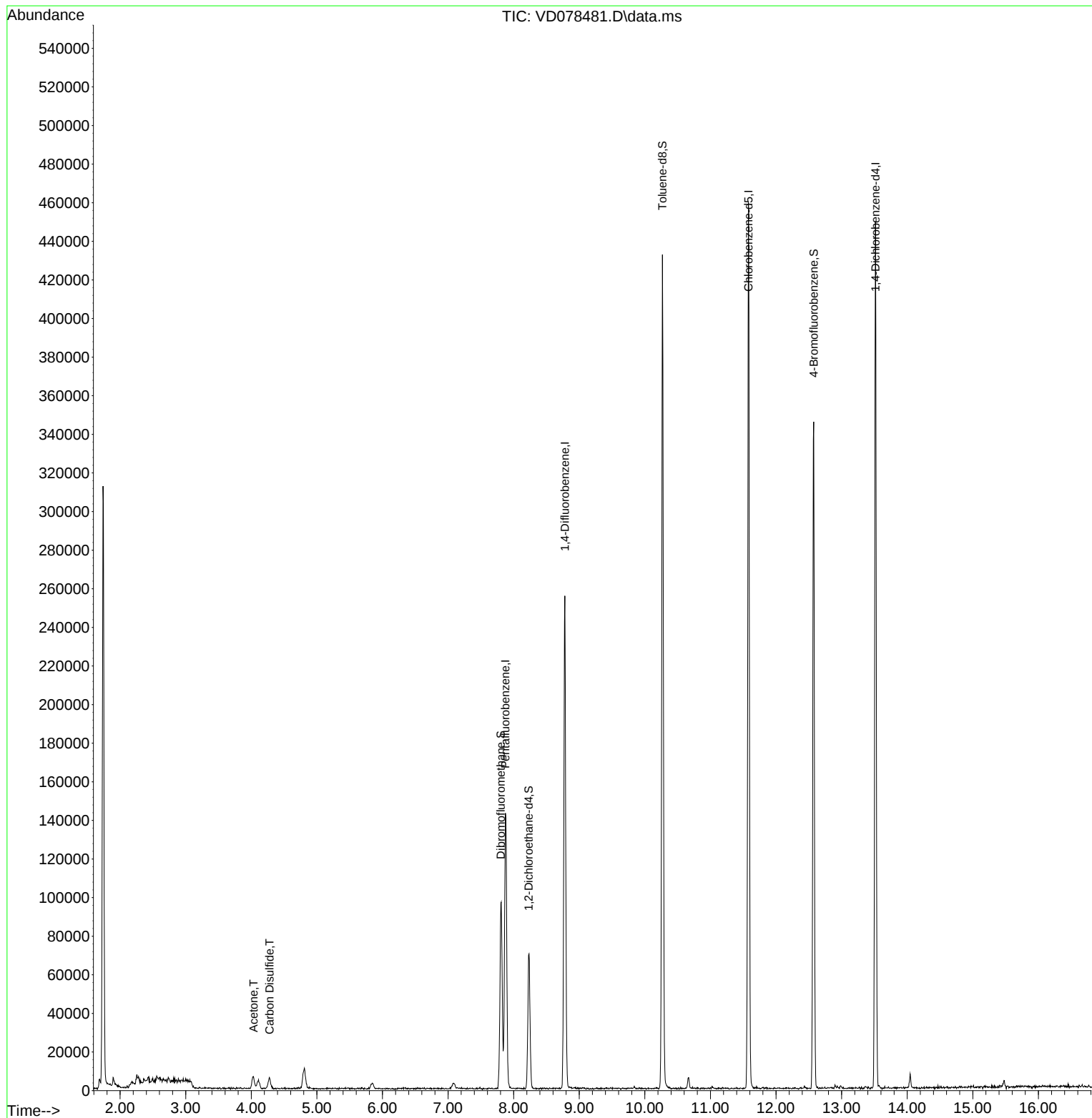
Internal Standards						
1) Pentafluorobenzene	7.875	168	112606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	227570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	267092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55639	45.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.400%
35) Dibromofluoromethane	7.804	113	71088	49.177	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.360%
50) Toluene-d8	10.269	98	292089	50.511	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.575	95	104432	62.059	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	124.120%
Target Compounds						
16) Acetone	4.034	43	10800	24.254	ug/l	95
17) Carbon Disulfide	4.281	76	11397	2.759	ug/l #	87

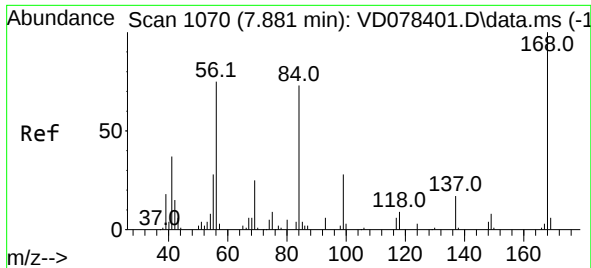
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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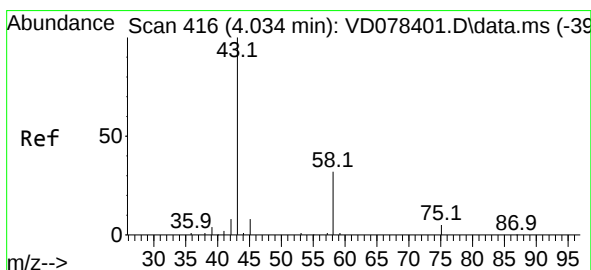
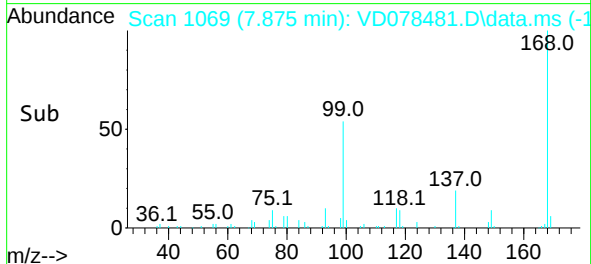
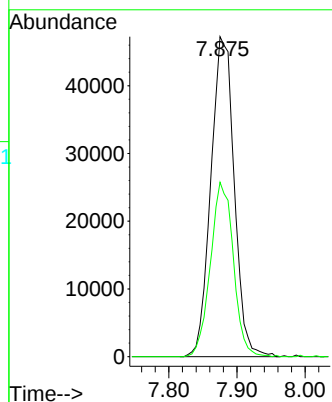
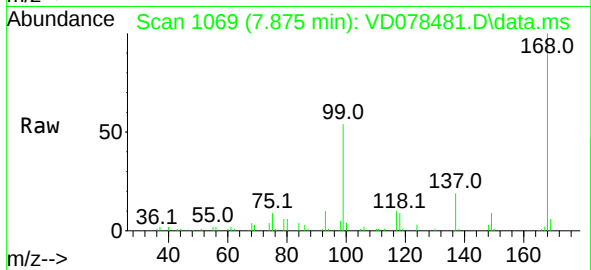




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078481.D
Acq: 20 Feb 2024 14:14

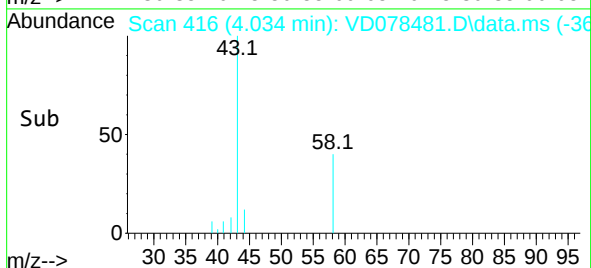
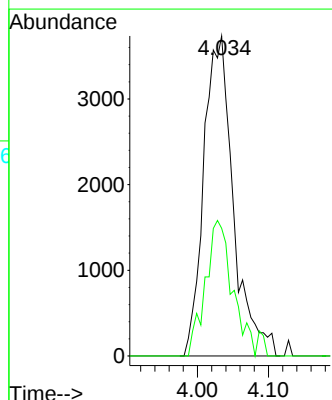
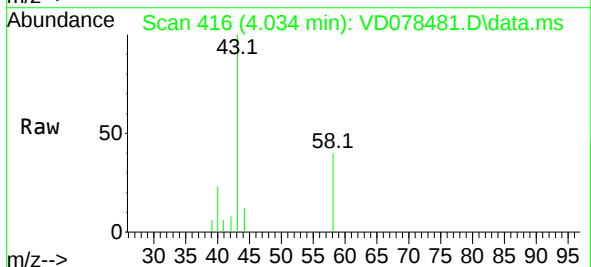
Instrument :
MSVOA_D
ClientSampleId :
20240764-COMPOSITE-39N-N-3-02

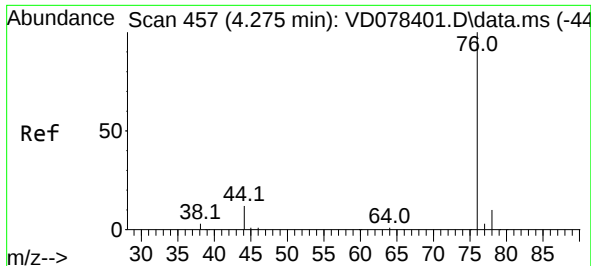
Tgt Ion:168 Resp: 112606
Ion Ratio Lower Upper
168 100
99 54.5 36.7 55.1



#16
Acetone
Concen: 24.254 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.000 min
Lab File: VD078481.D
Acq: 20 Feb 2024 14:14

Tgt Ion: 43 Resp: 10800
Ion Ratio Lower Upper
43 100
58 39.9 34.7 52.1

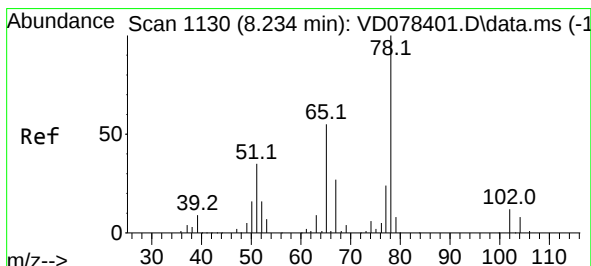
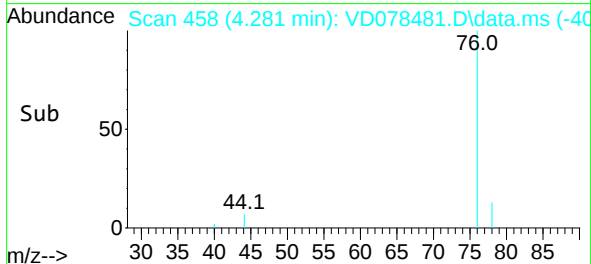
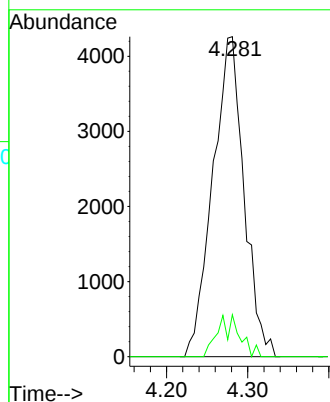
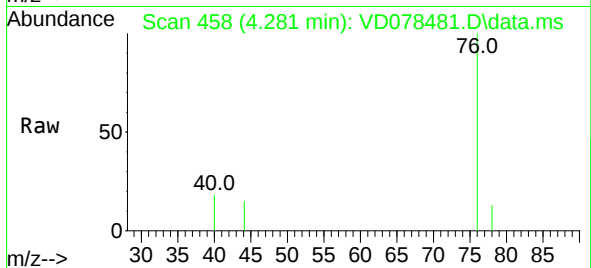




#17
Carbon Disulfide
Concen: 2.759 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078481.D
Acq: 20 Feb 2024 14:14

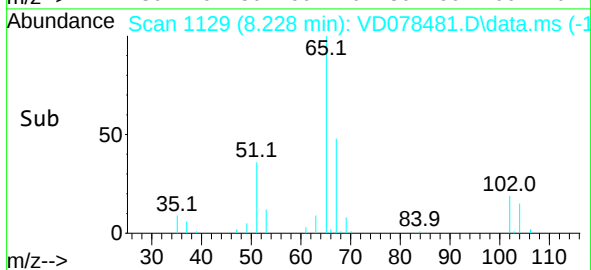
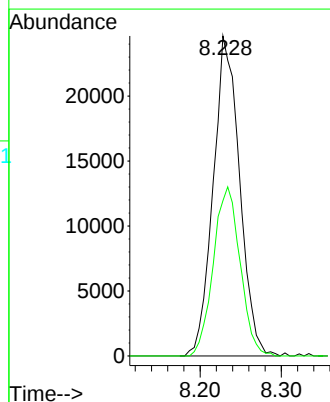
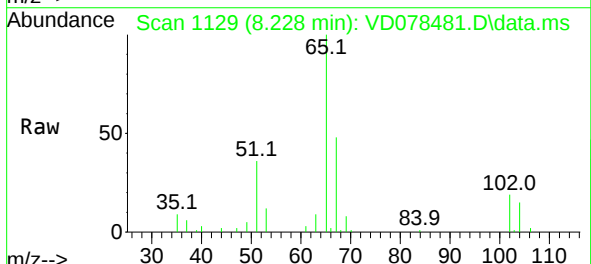
Instrument :
MSVOA_D
ClientSampleId :
20240764-COMPOSITE-39N-N-3-02

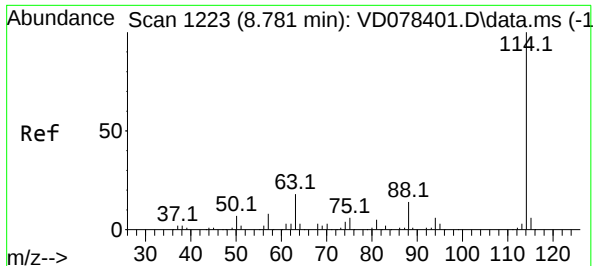
Tgt Ion: 76 Resp: 11397
Ion Ratio Lower Upper
76 100
78 13.1 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 45.698 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078481.D
Acq: 20 Feb 2024 14:14

Tgt Ion: 65 Resp: 55639
Ion Ratio Lower Upper
65 100
67 53.6 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: VD078481.D

Acq: 20 Feb 2024 14:14

Instrument :

MSVOA_D

ClientSampleId :

20240764-COMPOSITE-39N-N-3-02

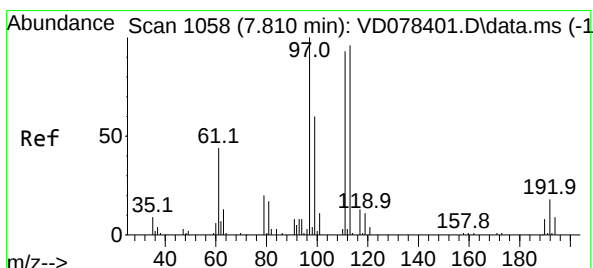
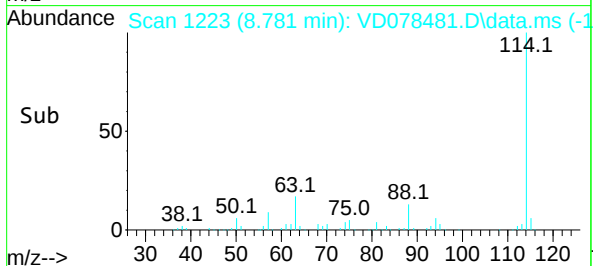
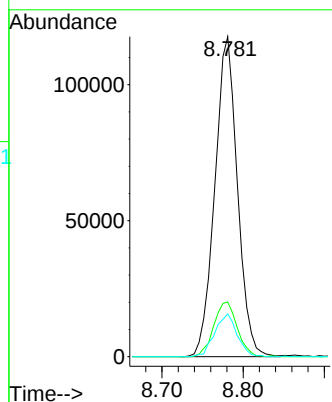
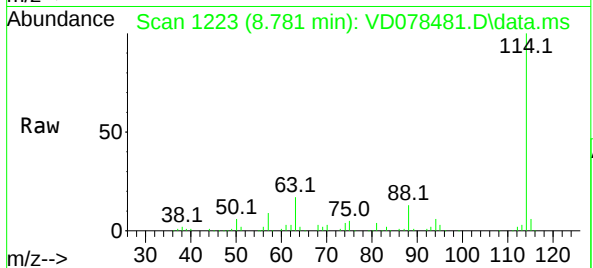
Tgt Ion:114 Resp: 227570

Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.177 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078481.D

Acq: 20 Feb 2024 14:14

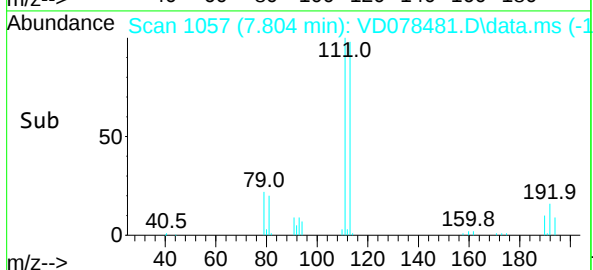
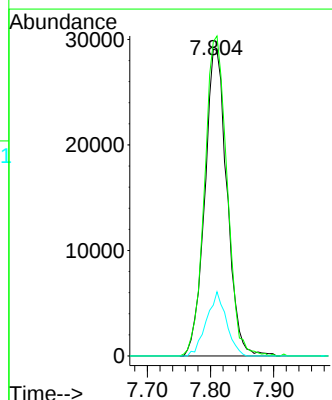
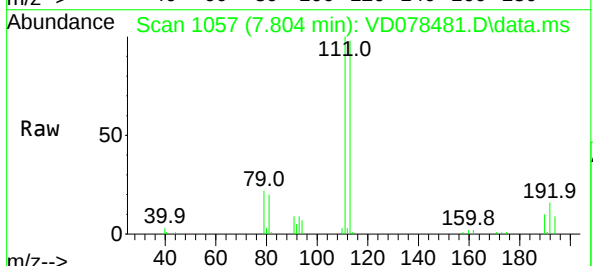
Tgt Ion:113 Resp: 71088

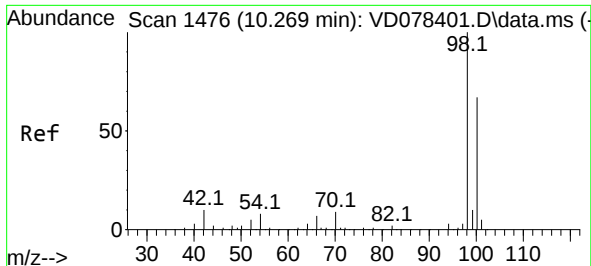
Ion Ratio Lower Upper

113 100

111 105.3 84.7 127.1

192 18.7 16.8 25.2

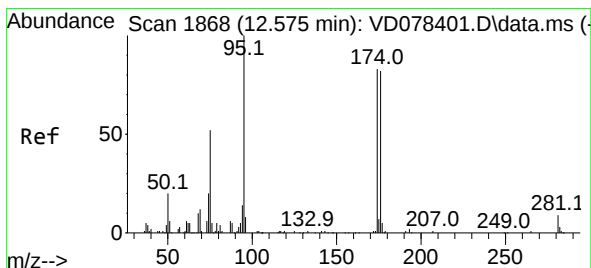
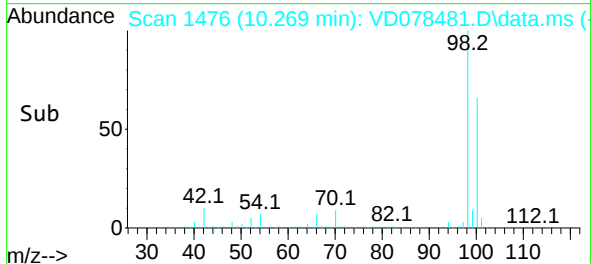
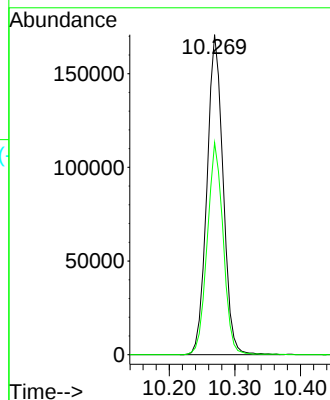
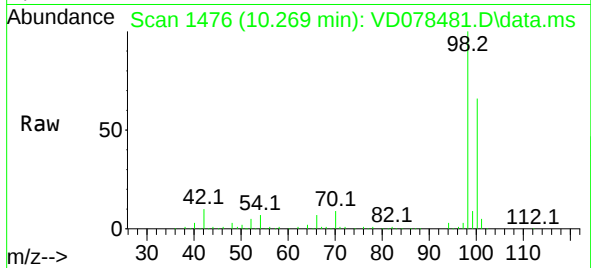




#50
Toluene-d8
Concen: 50.511 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078481.D
Acq: 20 Feb 2024 14:14

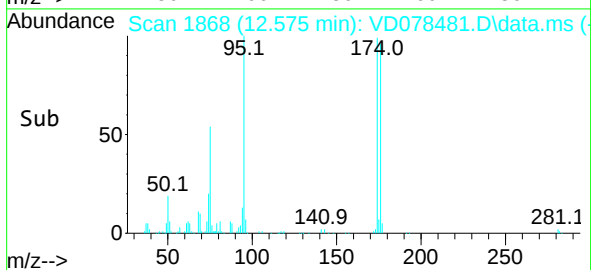
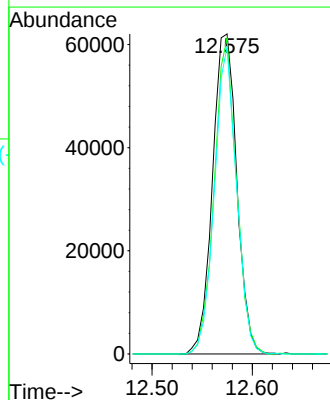
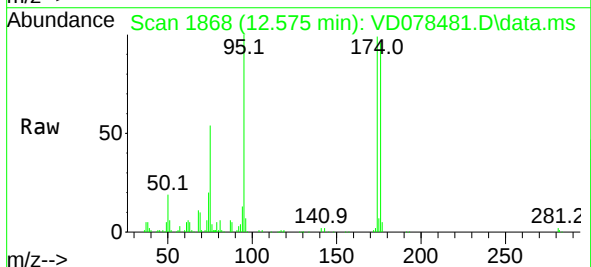
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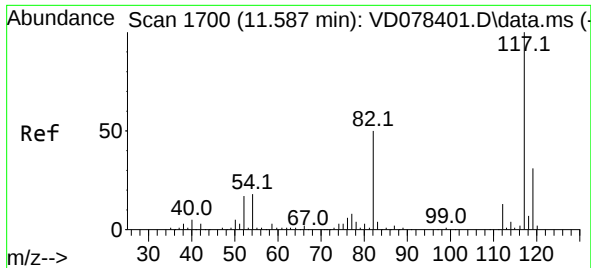
Tgt Ion: 98 Resp: 292089
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 62.059 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078481.D
Acq: 20 Feb 2024 14:14

Tgt Ion: 95 Resp: 104432
Ion Ratio Lower Upper
95 100
174 90.4 0.0 201.8
176 87.4 0.0 191.8

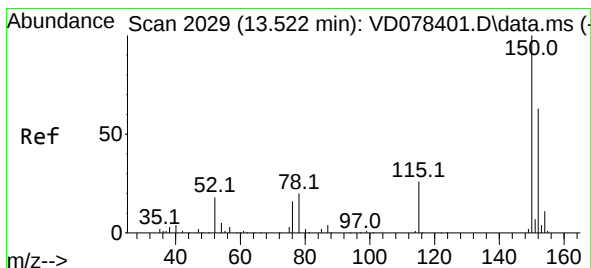
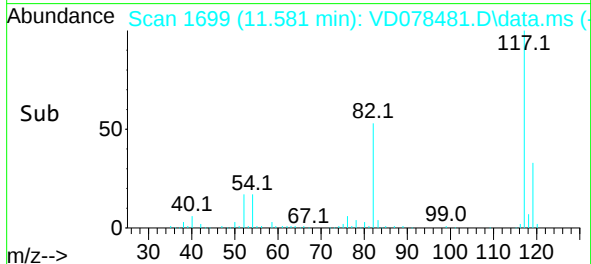
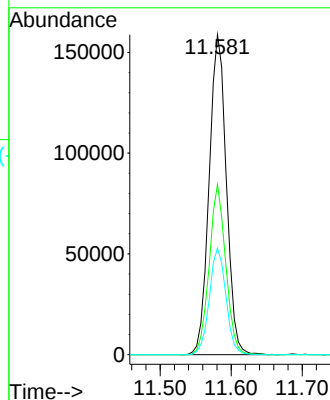
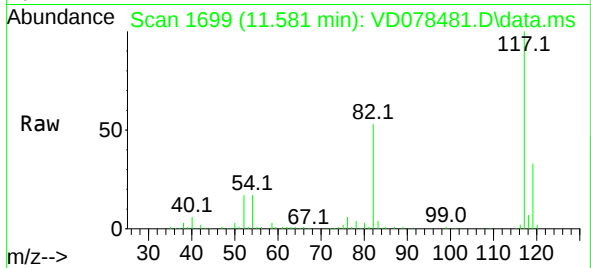




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078481.D
Acq: 20 Feb 2024 14:14

Instrument :
MSVOA_D
ClientSampleId :
20240764-COMPOSITE-39N-N-3-02

Tgt Ion:117 Resp: 267092
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 33.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078481.D
Acq: 20 Feb 2024 14:14

Tgt Ion:152 Resp: 121460
Ion Ratio Lower Upper
152 100
115 53.8 27.1 81.3
150 154.5 0.0 353.6

