

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079452.D
 Acq On : 30 Jul 2024 12:13
 Operator : RP/MD
 Sample : P3367-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-07252024

Quant Time: Jul 30 15:41:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

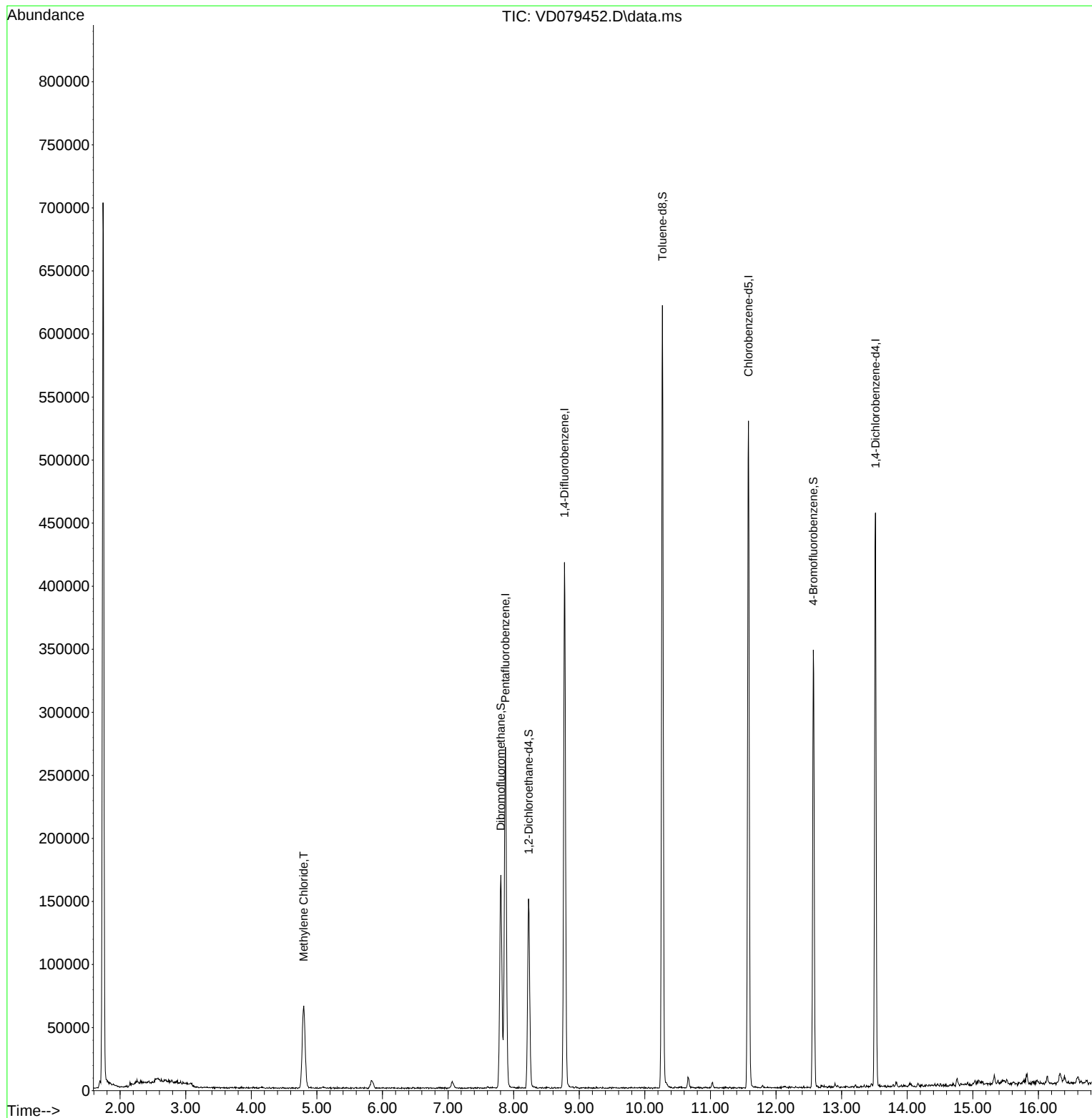
Internal Standards						
1) Pentafluorobenzene	7.875	168	218140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	381249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	327534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	113950	51.419	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.840%
35) Dibromofluoromethane	7.804	113	122582	47.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.000%
50) Toluene-d8	10.269	98	442253	44.133	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.260%
62) 4-Bromofluorobenzene	12.569	95	104776	36.131	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.260%
Target Compounds						
20) Methylene Chloride	4.799	84	53481	1.288	ug/l	88

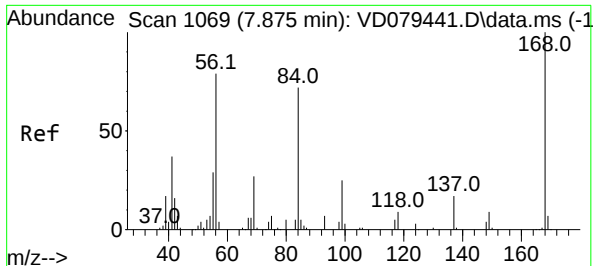
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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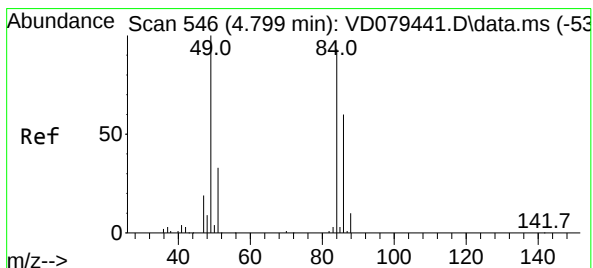
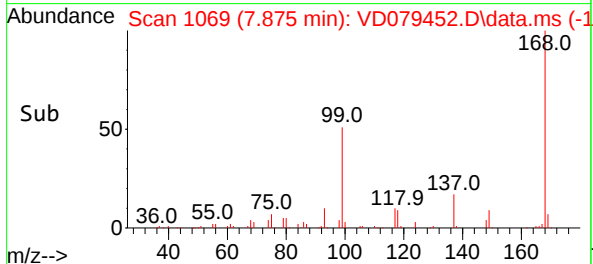
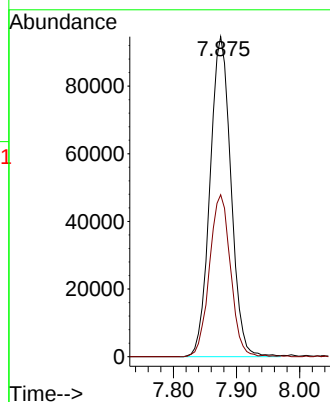
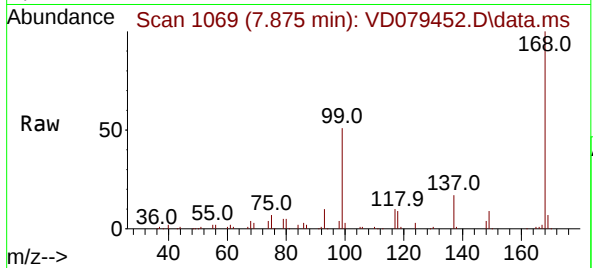




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

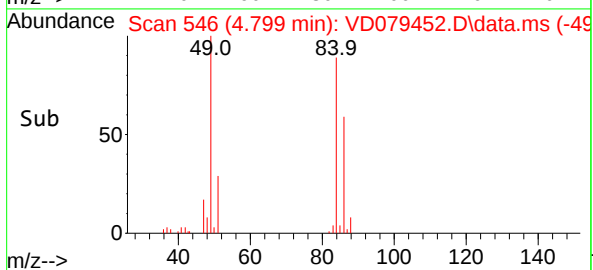
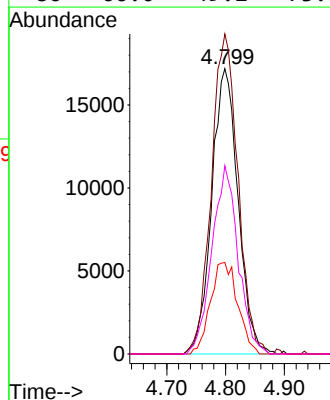
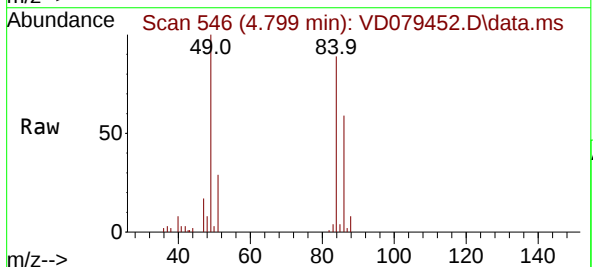
Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024

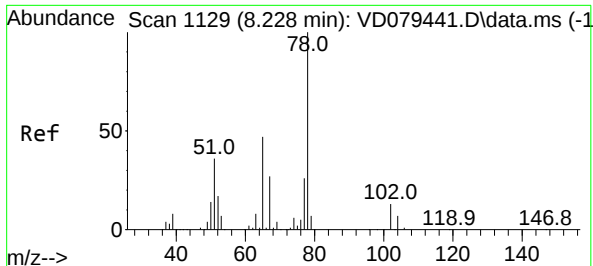
Tgt Ion:168 Resp: 218140
Ion Ratio Lower Upper
168 100
99 50.6 41.1 61.7



#20
Methylene Chloride
Concen: 1.288 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Tgt Ion: 84 Resp: 53481
Ion Ratio Lower Upper
84 100
49 112.1 75.6 113.4
51 32.1 24.2 36.2
86 66.0 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 51.419 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079452.D

Acq: 30 Jul 2024 12:13

Instrument :

MSVOA_D

ClientSampleId :

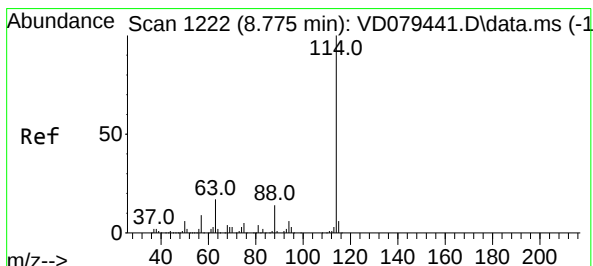
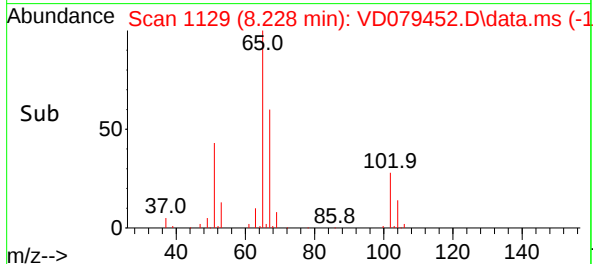
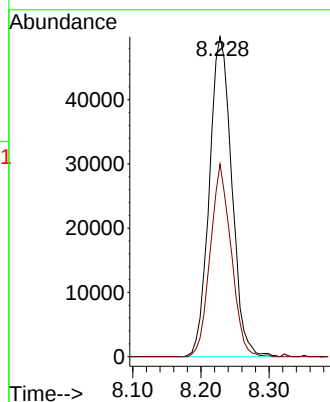
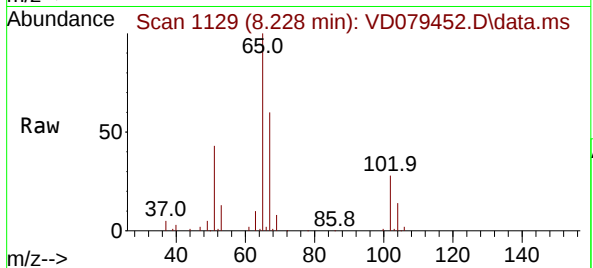
TR-06-07252024

Tgt Ion: 65 Resp: 113950

Ion Ratio Lower Upper

65 100

67 56.2 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079452.D

Acq: 30 Jul 2024 12:13

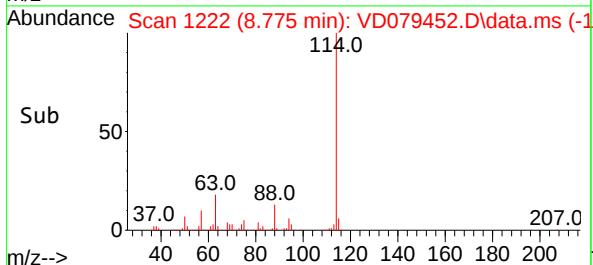
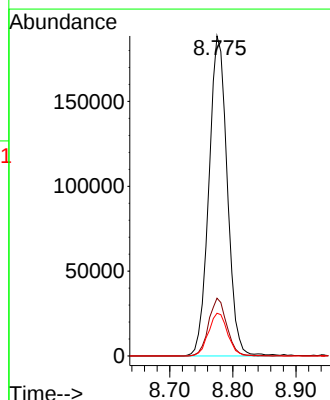
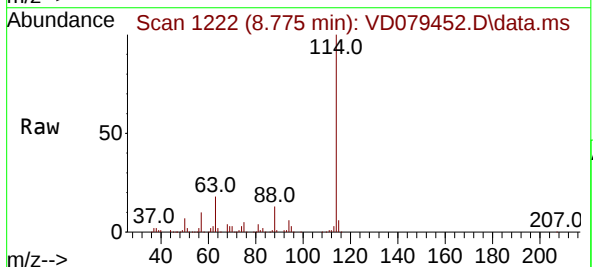
Tgt Ion: 114 Resp: 381249

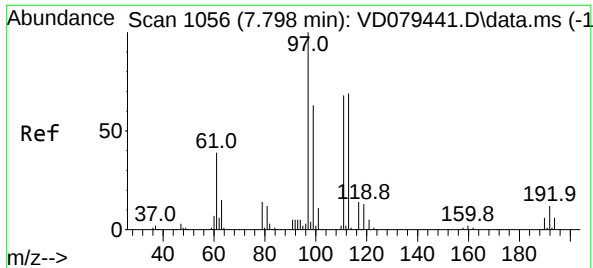
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

88 13.4 0.0 27.2

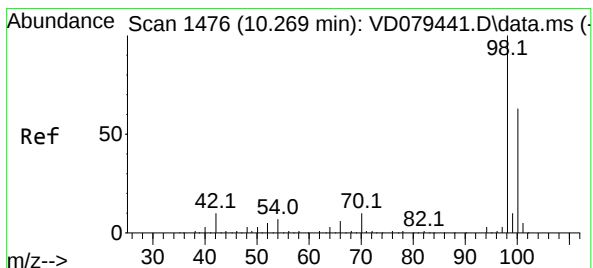
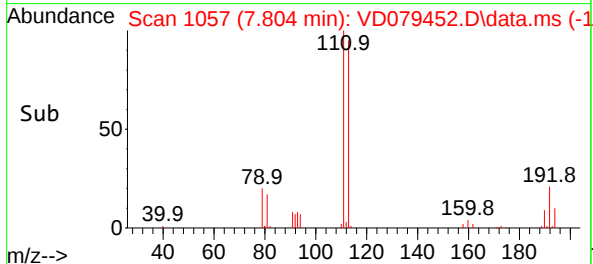
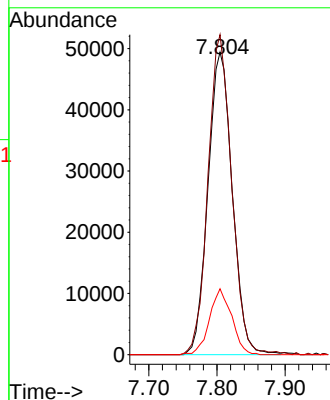
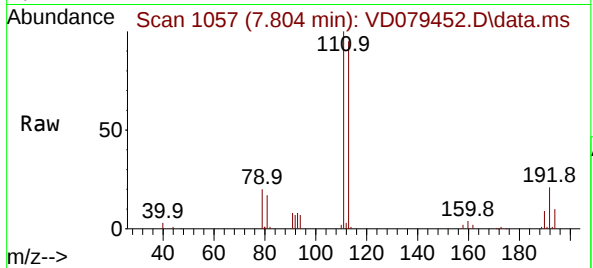




#35
 Dibromofluoromethane
 Concen: 47.504 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD079452.D
 Acq: 30 Jul 2024 12:13

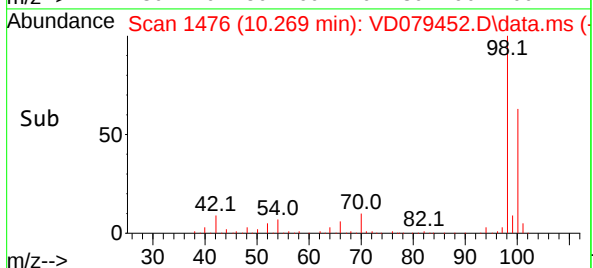
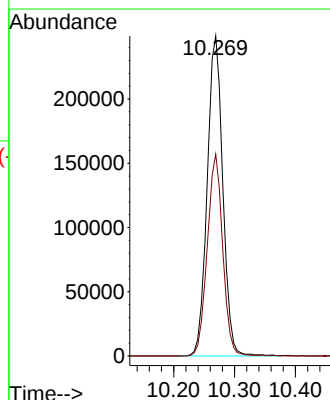
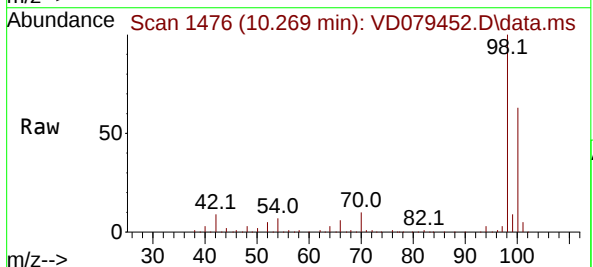
Instrument :
 MSVOA_D
 ClientSampleId :
 TR-06-07252024

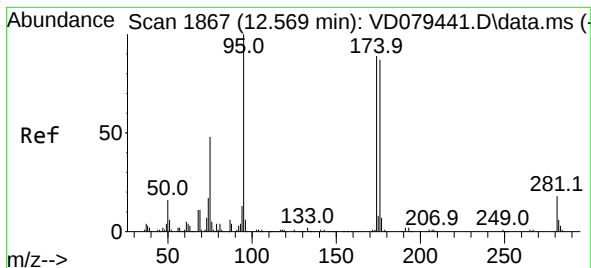
Tgt Ion:113 Resp: 122582
 Ion Ratio Lower Upper
 113 100
 111 103.0 84.0 126.0
 192 19.9 15.4 23.0



#50
 Toluene-d8
 Concen: 44.133 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.006 min
 Lab File: VD079452.D
 Acq: 30 Jul 2024 12:13

Tgt Ion: 98 Resp: 442253
 Ion Ratio Lower Upper
 98 100
 100 62.3 51.6 77.4

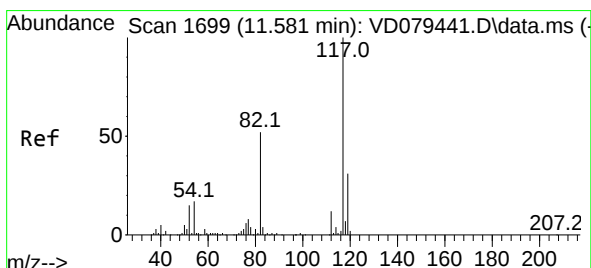
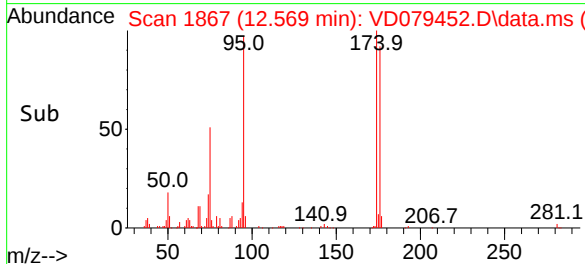
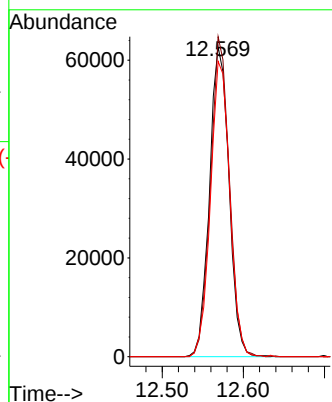
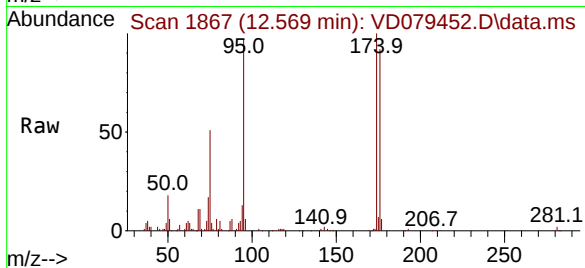




#62
4-Bromofluorobenzene
Concen: 36.131 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

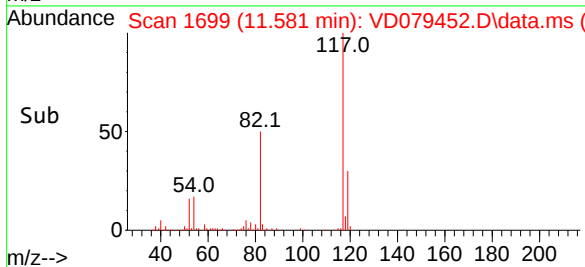
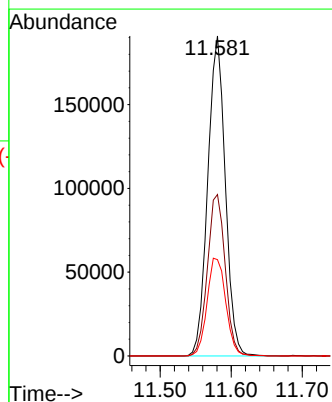
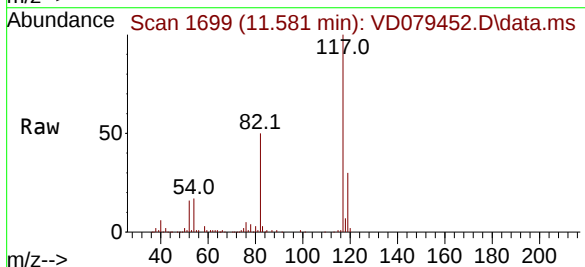
Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024

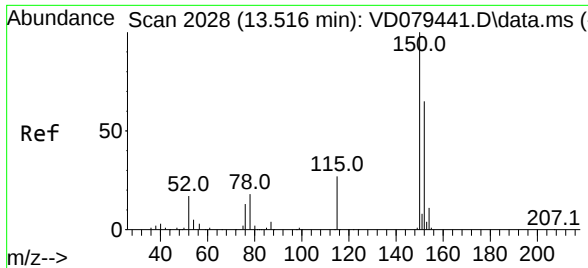
Tgt Ion: 95 Resp: 104776
Ion Ratio Lower Upper
95 100
174 100.1 0.0 195.4
176 94.3 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Tgt Ion: 117 Resp: 327534
Ion Ratio Lower Upper
117 100
82 50.4 39.8 59.6
119 30.1 25.7 38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD079452.D
Acq: 30 Jul 2024 12:13

Instrument :
MSVOA_D
ClientSampleId :
TR-06-07252024

Tgt Ion:	152	Resp:	129128
Ion Ratio	Lower	Upper	
152	100		
115	55.0	26.5	79.5
150	157.2	0.0	341.6

