

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078702.D
 Acq On : 18 Mar 2024 17:39
 Operator : RP/MD
 Sample : P1786-02RE
 Misc : 6.14G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22RE

Quant Time: Mar 19 01:29:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

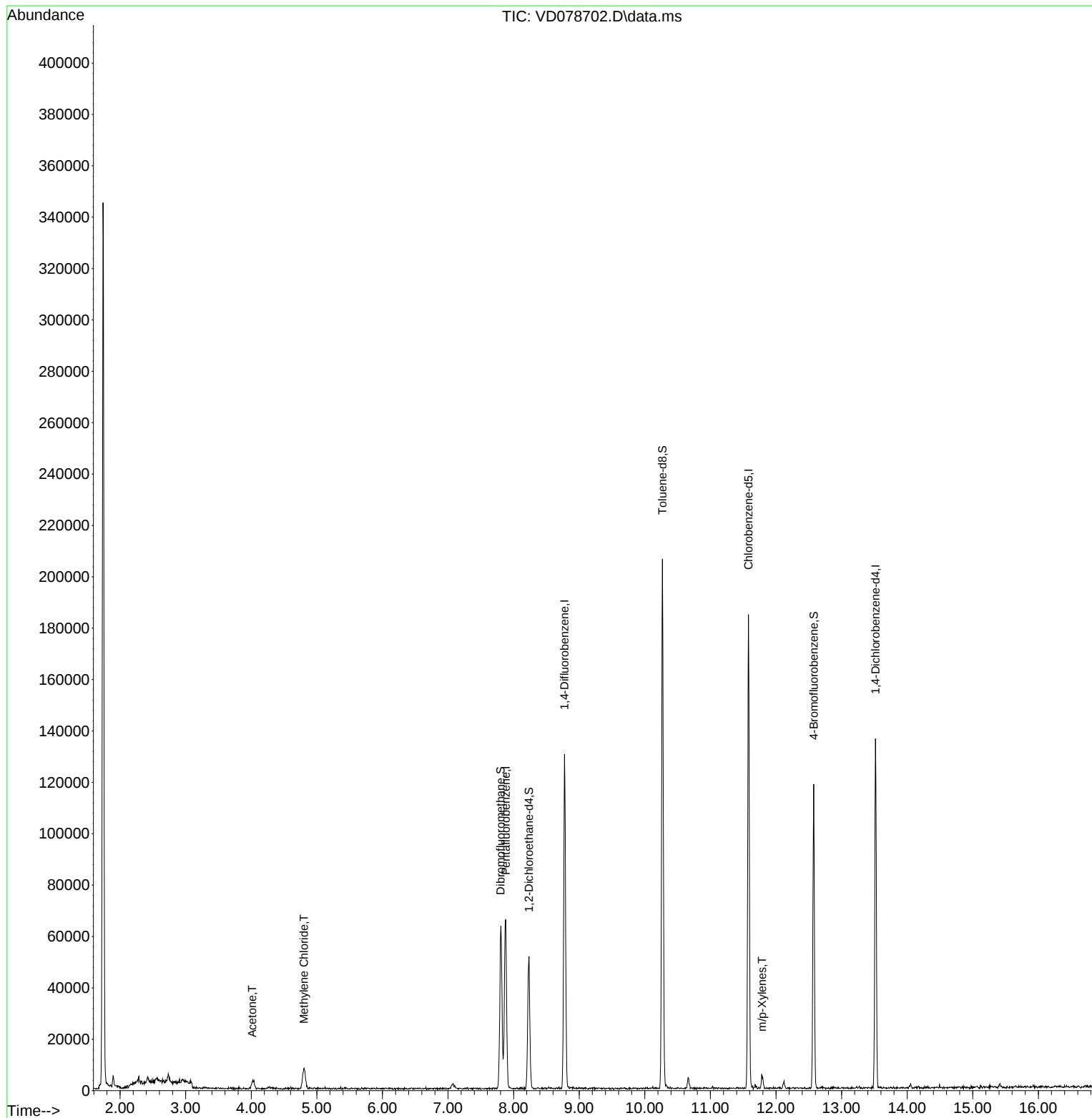
Internal Standards						
1) Pentafluorobenzene	7.881	168	54276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	116523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	110080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	38349	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39484	77.624	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.240%
35) Dibromofluoromethane	7.799	113	44305	59.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.120%
50) Toluene-d8	10.269	98	143603	52.047	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.575	95	32976	40.853	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.700%
Target Compounds						
					Qvalue	
16) Acetone	4.017	43	5564	56.568	ug/l #	83
20) Methylene Chloride	4.805	84	7253	6.586	ug/l	97
68) m/p-Xylenes	11.787	106	2196	1.380	ug/l	77

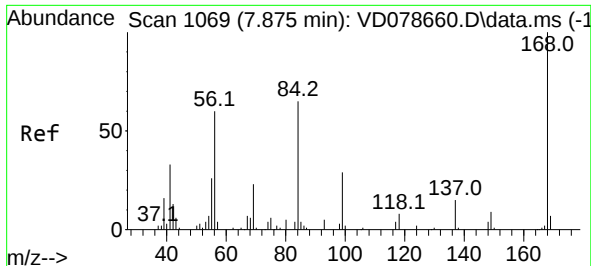
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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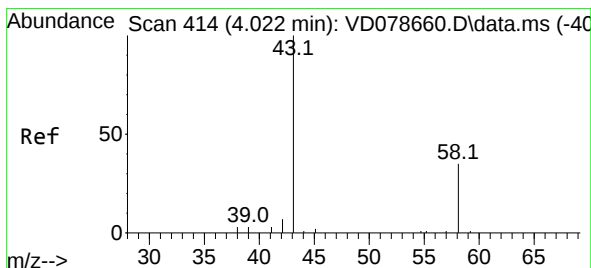
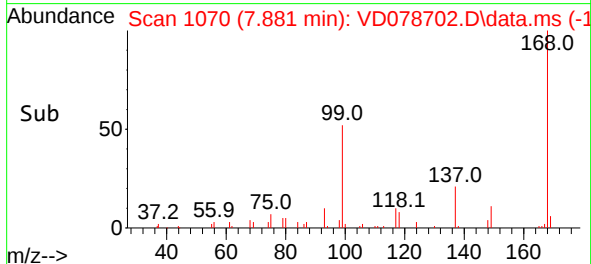
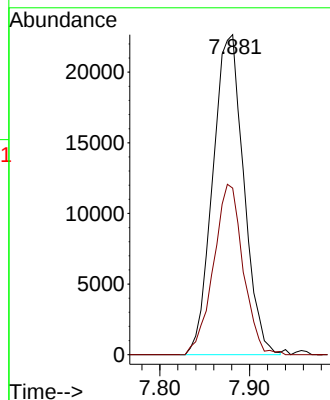
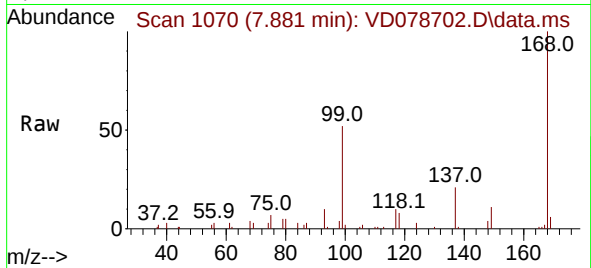




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

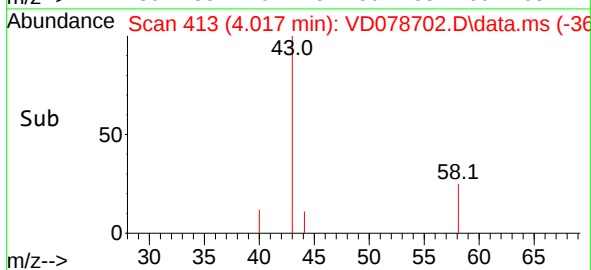
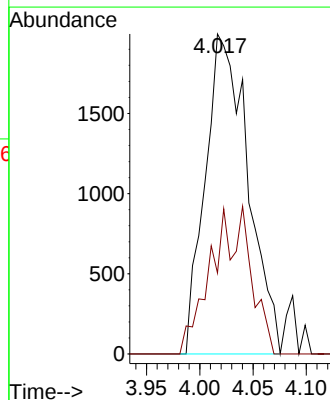
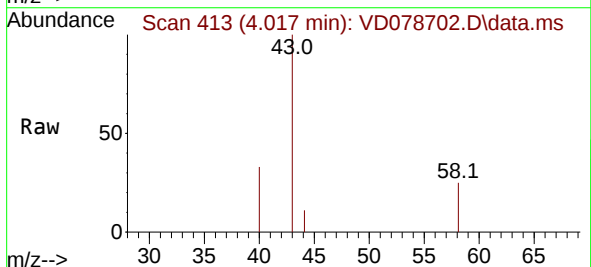
Instrument :
MSVOA_D
ClientSampleId :
TP-22RE

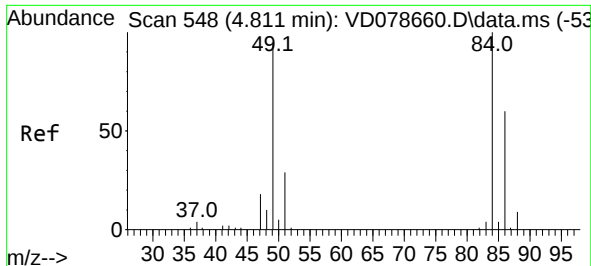
Tgt Ion:168 Resp: 54276
Ion Ratio Lower Upper
168 100
99 52.1 38.8 58.2



#16
Acetone
Concen: 56.568 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

Tgt Ion: 43 Resp: 5564
Ion Ratio Lower Upper
43 100
58 25.3 28.2 42.4#

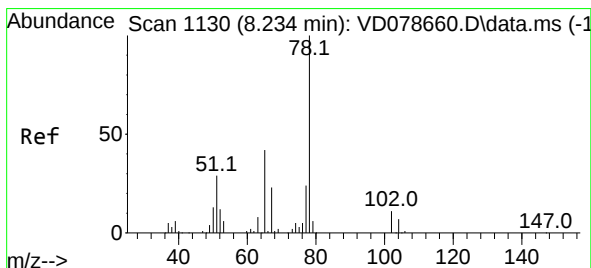
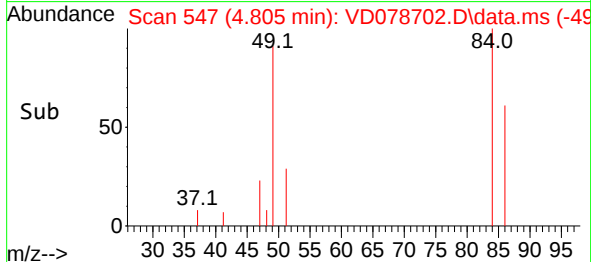
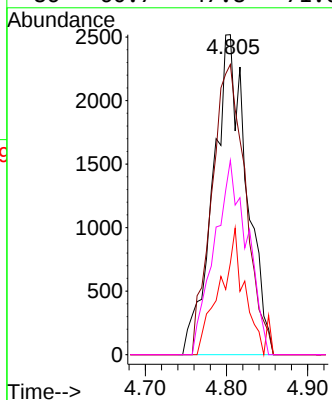
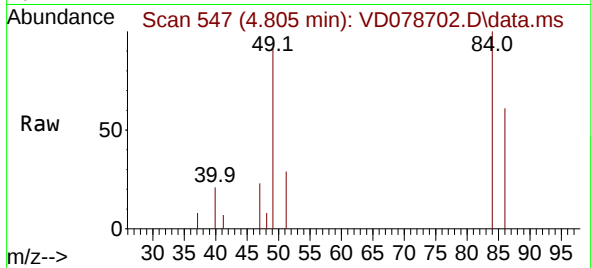




#20
Methylene Chloride
Concen: 6.586 ug/l
RT: 4.805 min Scan# 548
Delta R.T. -0.006 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

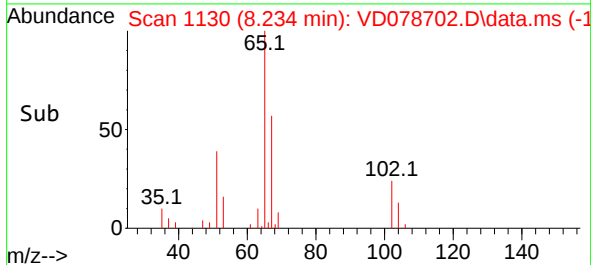
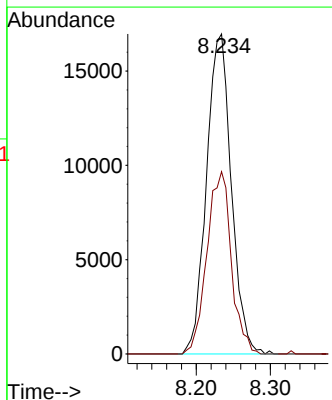
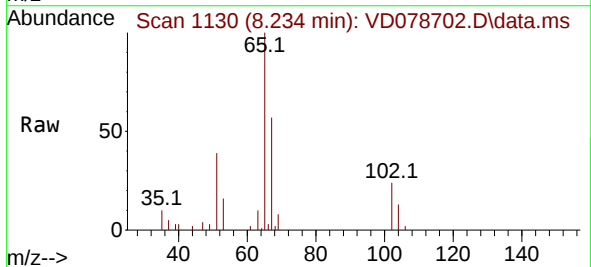
Instrument :
MSVOA_D
ClientSampleId :
TP-22RE

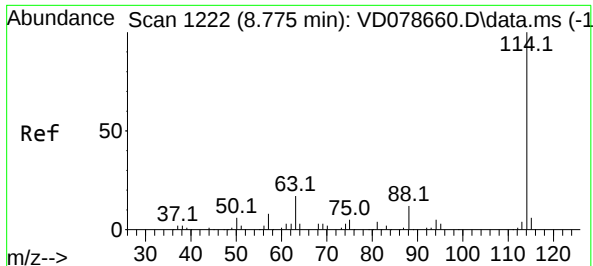
Tgt Ion: 84	Resp: 7253
Ion Ratio	Lower Upper
84 100	
49 90.7	75.6 113.4
51 28.7	23.4 35.0
86 60.7	47.8 71.6



#33
1,2-Dichloroethane-d4
Concen: 77.624 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

Tgt Ion: 65	Resp: 39484
Ion Ratio	Lower Upper
65 100	
67 56.0	0.0 110.2

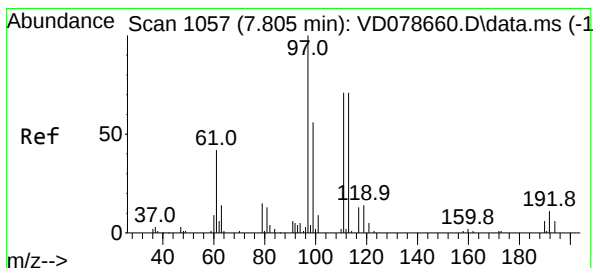
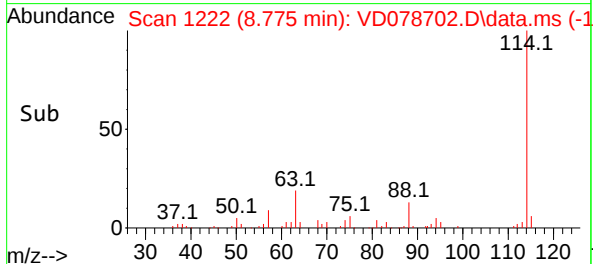
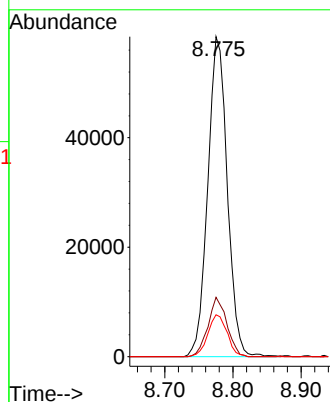
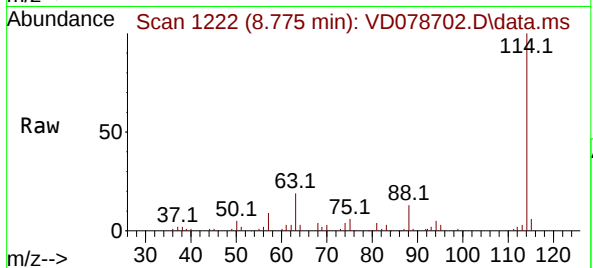




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

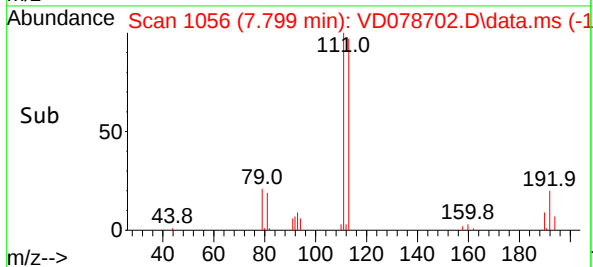
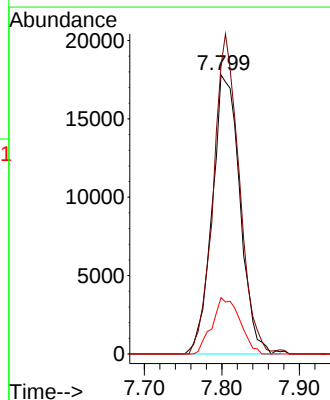
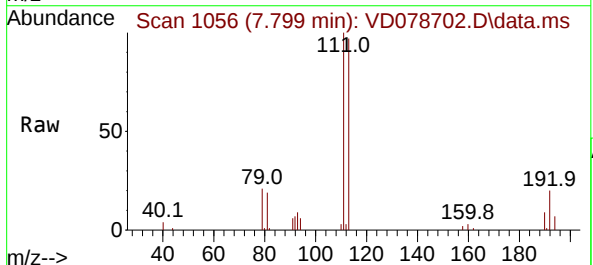
Instrument :
MSVOA_D
ClientSampleId :
TP-22RE

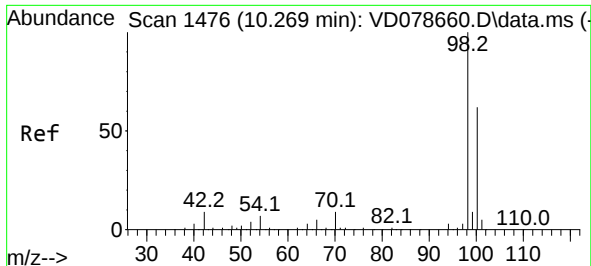
Tgt Ion:114 Resp: 116523
Ion Ratio Lower Upper
114 100
63 18.6 0.0 33.4
88 13.1 0.0 24.6



#35
Dibromofluoromethane
Concen: 59.055 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

Tgt Ion:113 Resp: 44305
Ion Ratio Lower Upper
113 100
111 106.6 81.9 122.9
192 20.2 15.4 23.0

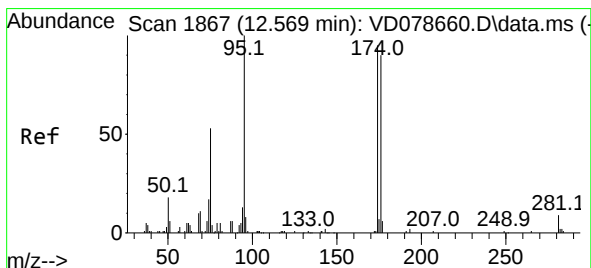
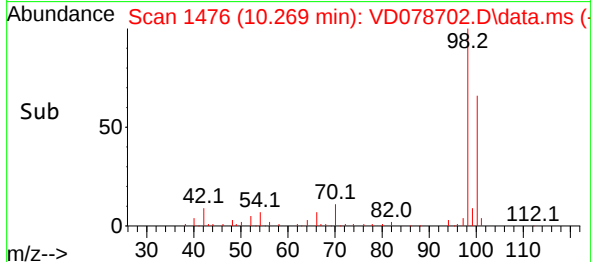
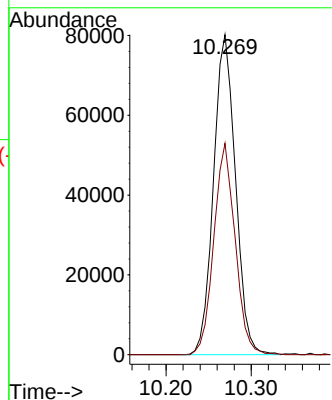
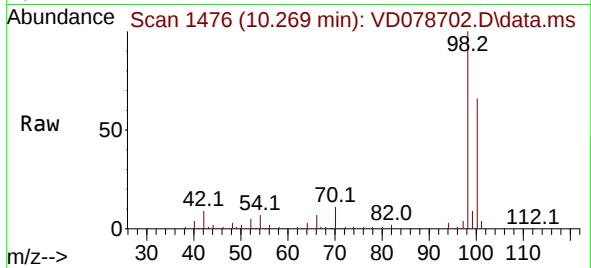




#50
Toluene-d8
Concen: 52.047 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

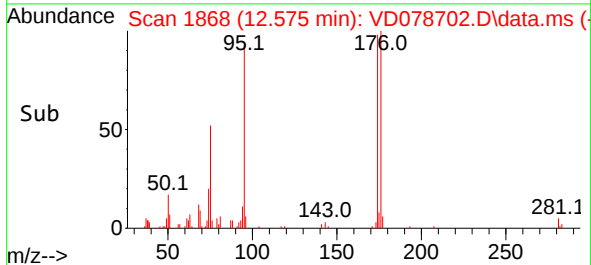
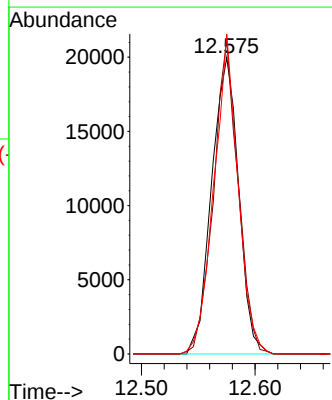
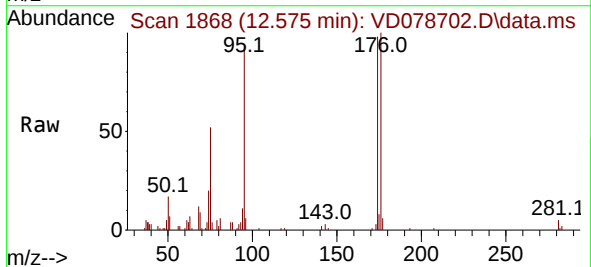
Instrument :
MSVOA_D
ClientSampleId :
TP-22RE

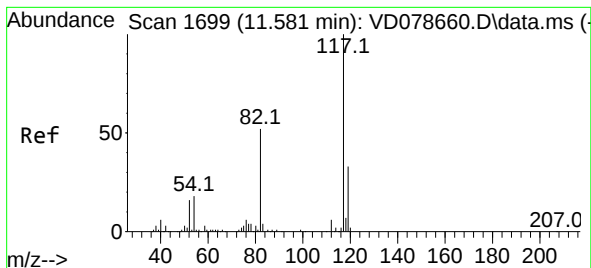
Tgt Ion: 98 Resp: 143603
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 40.853 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078702.D
Acq: 18 Mar 2024 17:39

Tgt Ion: 95 Resp: 32976
Ion Ratio Lower Upper
95 100
174 96.4 0.0 195.2
176 96.3 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078702.D

Acq: 18 Mar 2024 17:39

Instrument :

MSVOA_D

ClientSampleId :

TP-22RE

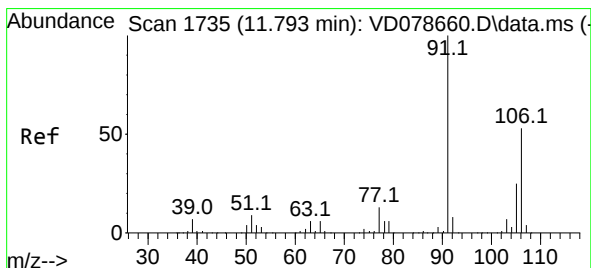
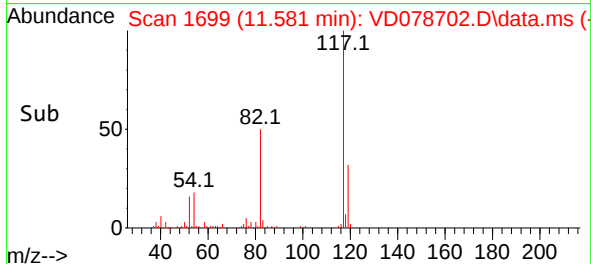
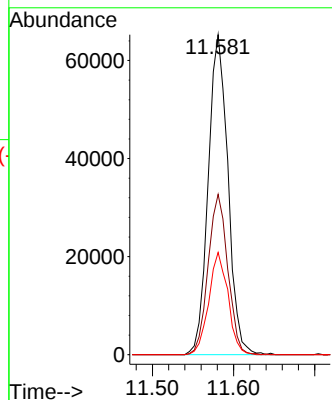
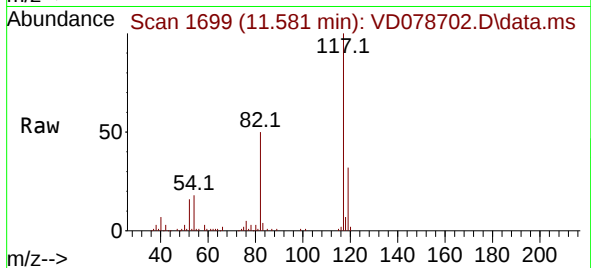
Tgt Ion:117 Resp: 110080

Ion Ratio Lower Upper

117 100

82 50.1 41.4 62.2

119 31.9 26.5 39.7



#68

m/p-Xylenes

Concen: 1.380 ug/l

RT: 11.787 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VD078702.D

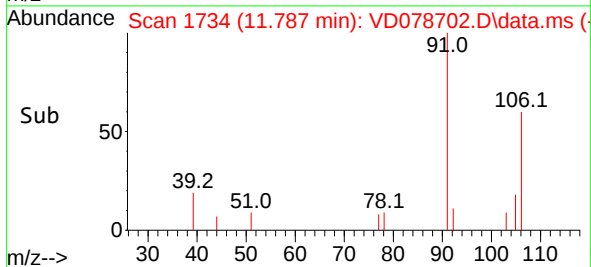
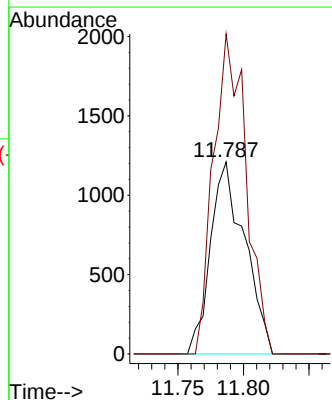
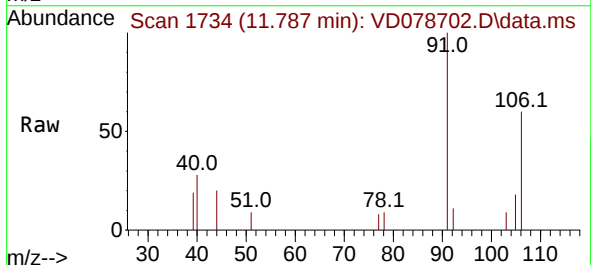
Acq: 18 Mar 2024 17:39

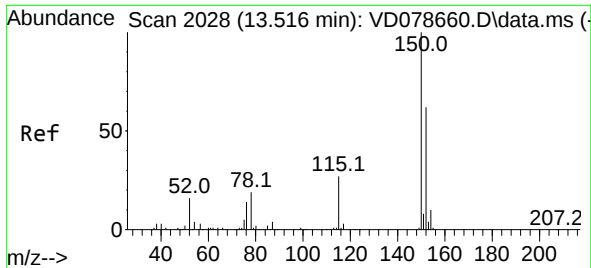
Tgt Ion:106 Resp: 2196

Ion Ratio Lower Upper

106 100

91 158.3 154.4 231.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078702.D
 Acq: 18 Mar 2024 17:39

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-22RE

Tgt Ion:152 Resp: 38349
 Ion Ratio Lower Upper
 152 100
 115 54.0 27.1 81.2
 150 156.0 0.0 350.2

