

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079787.D
 Acq On : 05 Sep 2024 16:03
 Operator : RP/MD
 Sample : P3820-01RE
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STONE-1RE

Quant Time: Sep 06 01:38:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

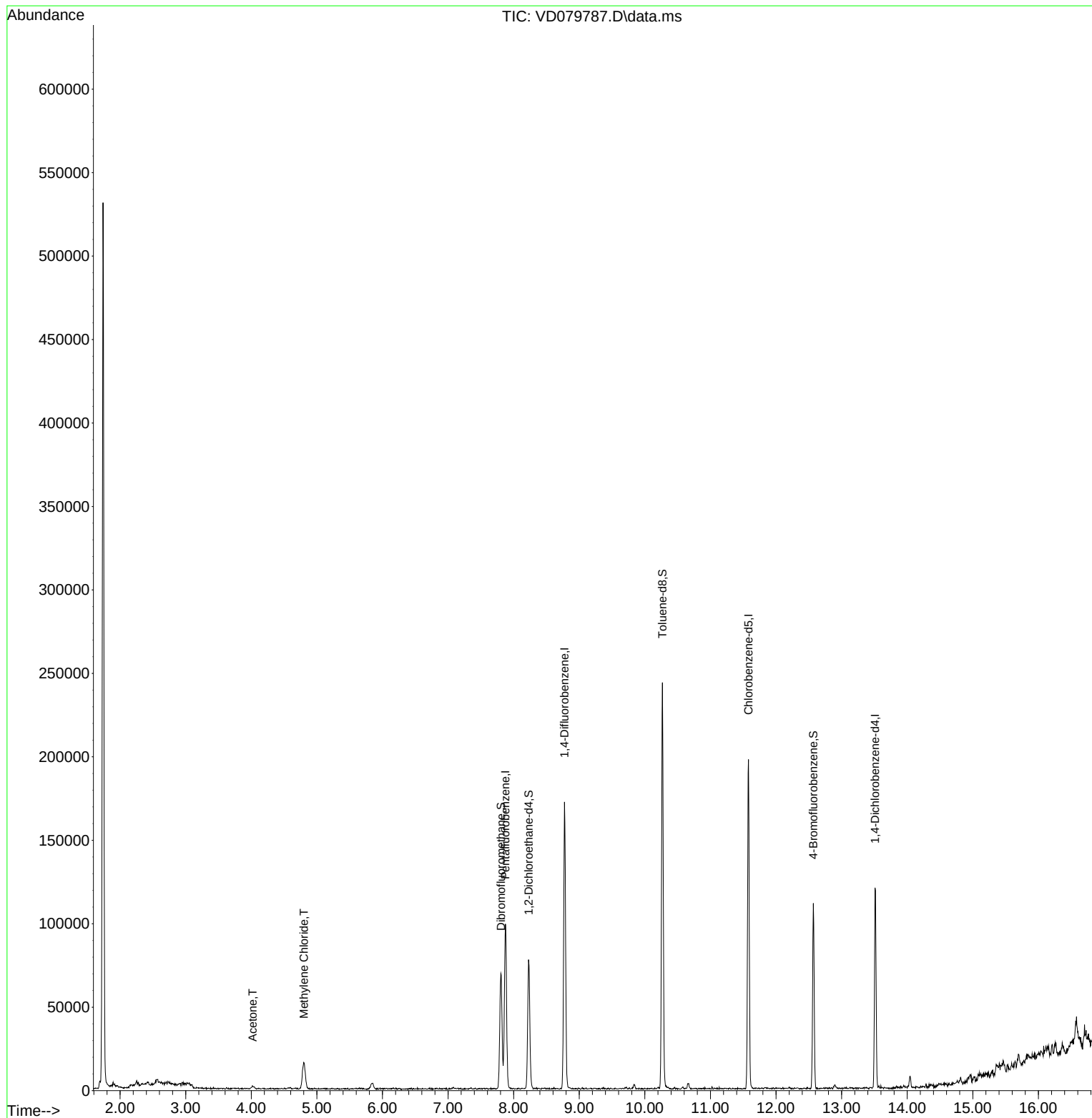
Internal Standards						
1) Pentafluorobenzene	7.875	168	67400	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	146493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	109414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	30454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60279	65.593	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	131.180%	
35) Dibromofluoromethane	7.810	113	50265	52.788	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	105.580%	
50) Toluene-d8	10.269	98	165271	40.470	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	80.940%	
62) 4-Bromofluorobenzene	12.569	95	33707	29.499	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	=	59.000%	
Target Compounds						
						Qvalue
16) Acetone	4.022	43	2480	13.004	ug/l	# 85
20) Methylene Chloride	4.804	84	12258	8.541	ug/l	# 73

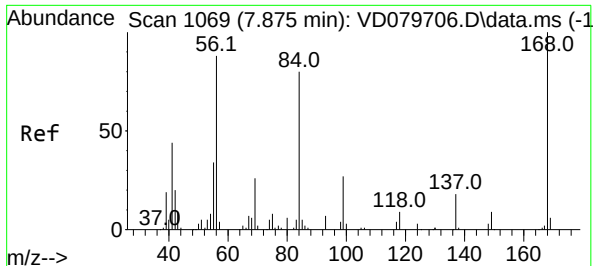
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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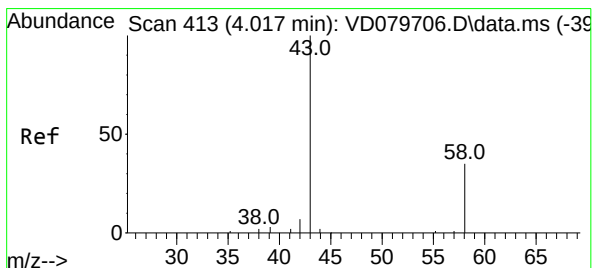
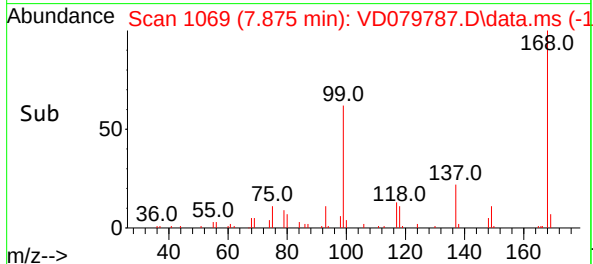
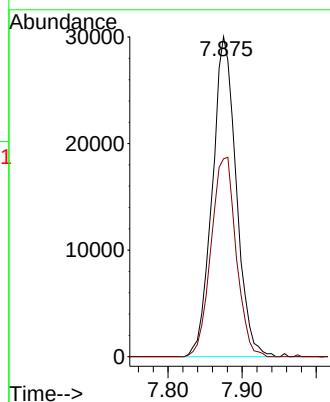
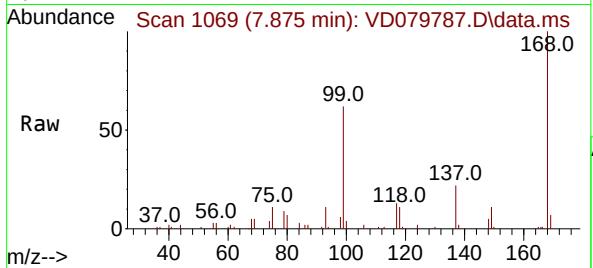




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

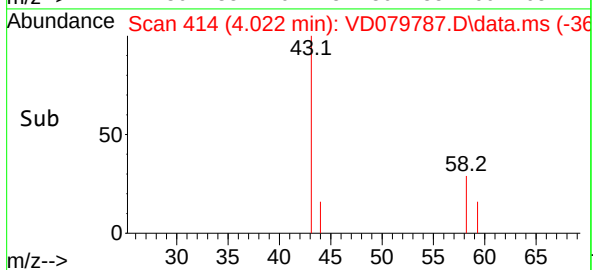
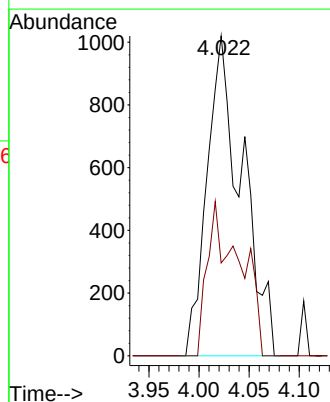
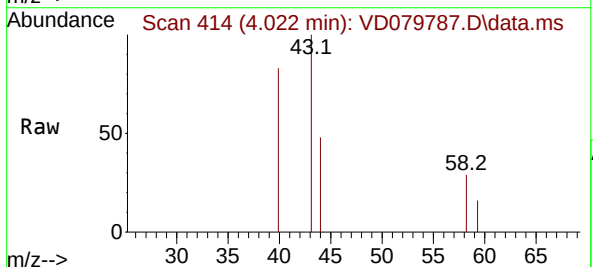
Instrument :
MSVOA_D
ClientSampleId :
STONE-1RE

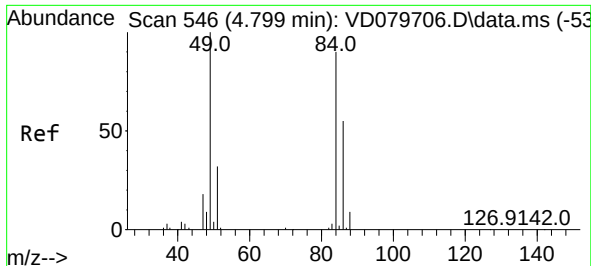
Tgt Ion:168 Resp: 67400
Ion Ratio Lower Upper
168 100
99 61.9 41.1 61.7#



#16
Acetone
Concen: 13.004 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

Tgt Ion: 43 Resp: 2480
Ion Ratio Lower Upper
43 100
58 29.0 30.4 45.6#

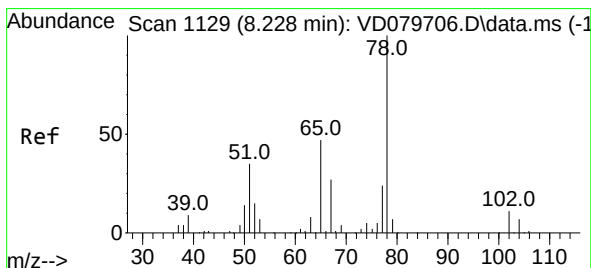
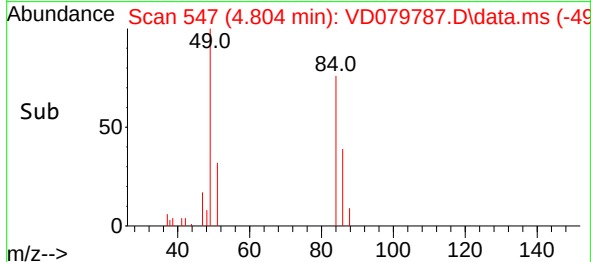
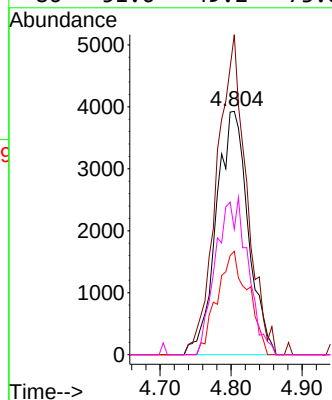
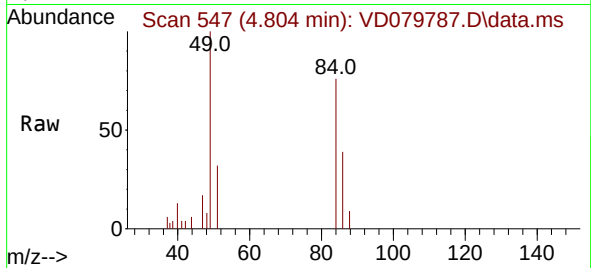




#20
Methylene Chloride
Concen: 8.541 ug/l
RT: 4.804 min Scan# 546
Delta R.T. 0.005 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

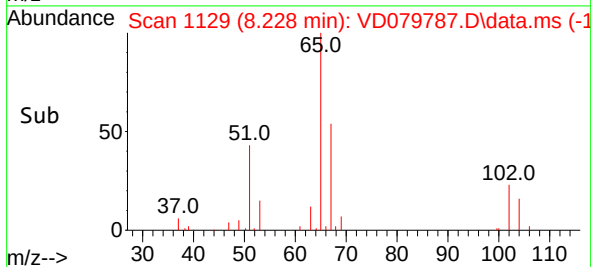
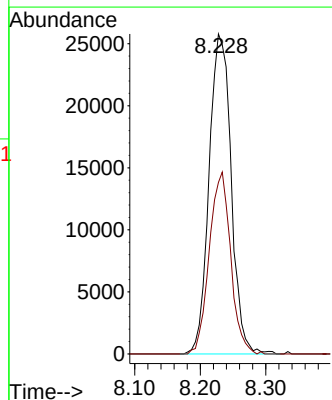
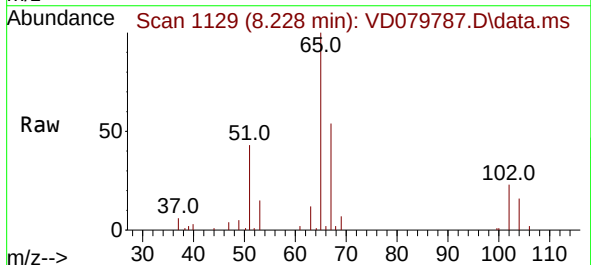
Instrument :
MSVOA_D
ClientSampleId :
STONE-1RE

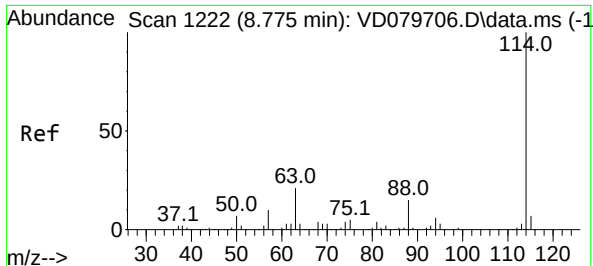
Tgt Ion:	84	Resp:	12258
Ion	Ratio	Lower	Upper
84	100		
49	131.5	75.6	113.4#
51	42.5	24.2	36.2#
86	51.6	49.2	73.8



#33
1,2-Dichloroethane-d4
Concen: 65.593 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

Tgt Ion:	65	Resp:	60279
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	111.0

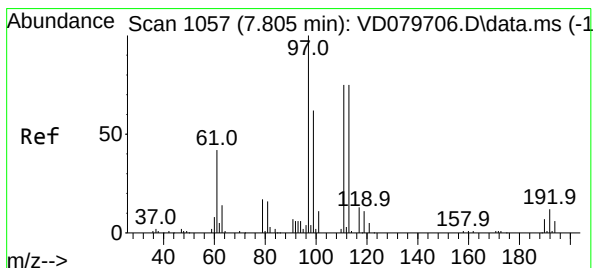
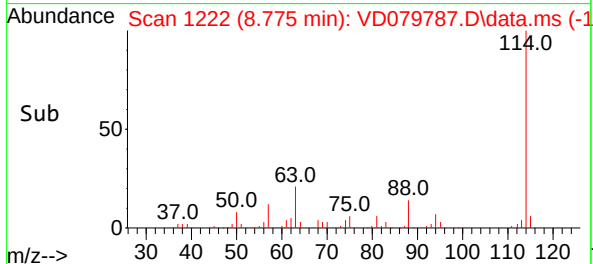
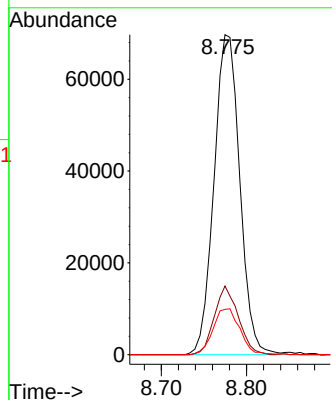
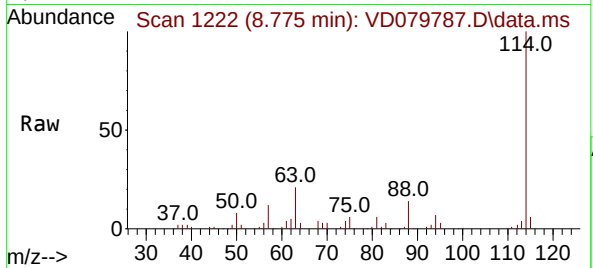




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

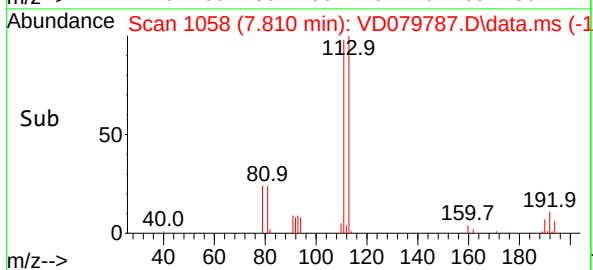
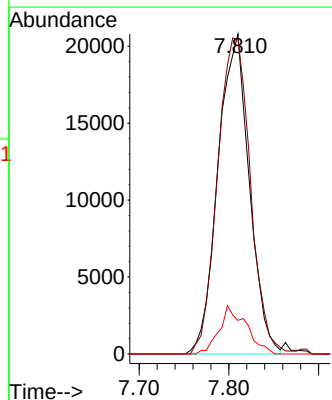
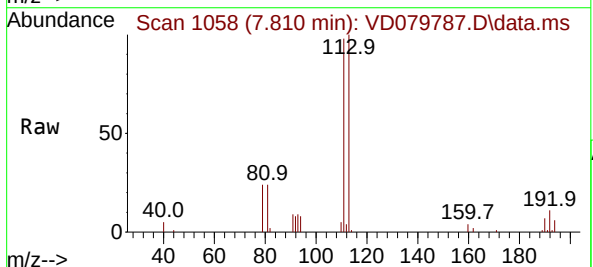
Instrument :
MSVOA_D
ClientSampleId :
STONE-1RE

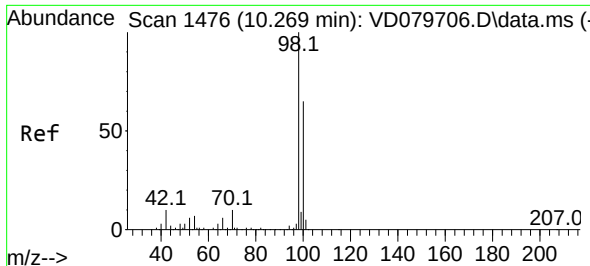
Tgt Ion:114 Resp: 146493
Ion Ratio Lower Upper
114 100
63 21.5 0.0 34.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 52.788 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

Tgt Ion:113 Resp: 50265
Ion Ratio Lower Upper
113 100
111 103.8 84.0 126.0
192 13.0 15.4 23.0#

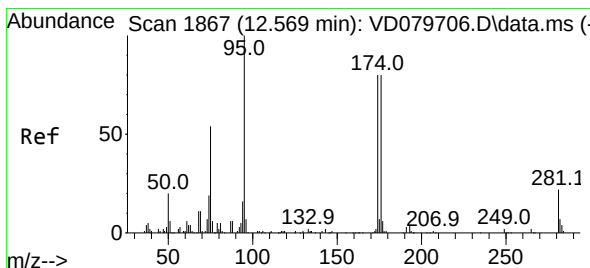
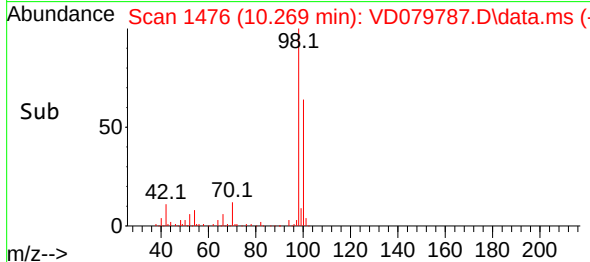
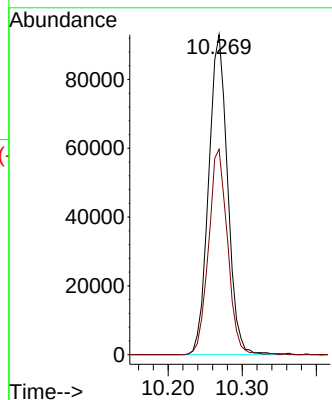
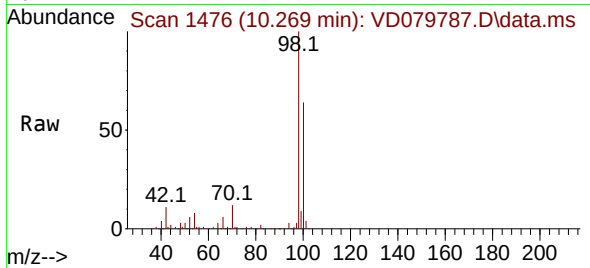




#50
Toluene-d8
Concen: 40.470 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

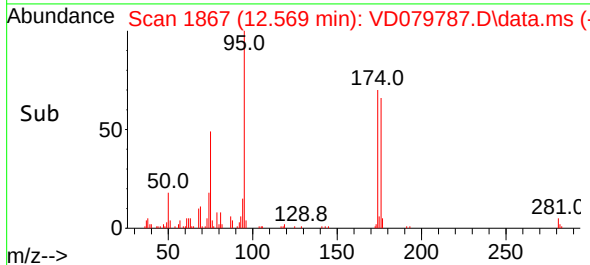
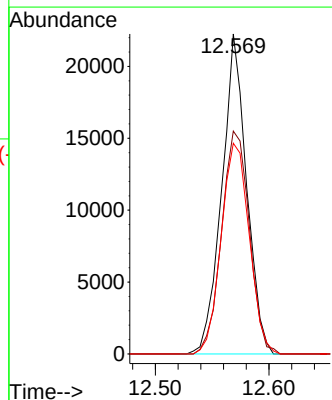
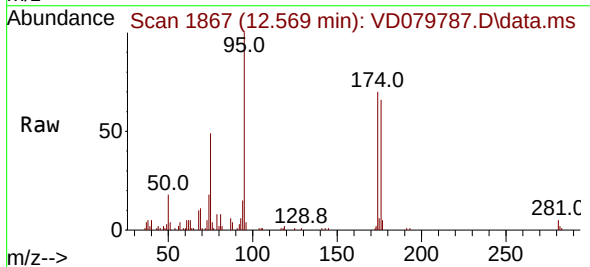
Instrument :
MSVOA_D
ClientSampleId :
STONE-1RE

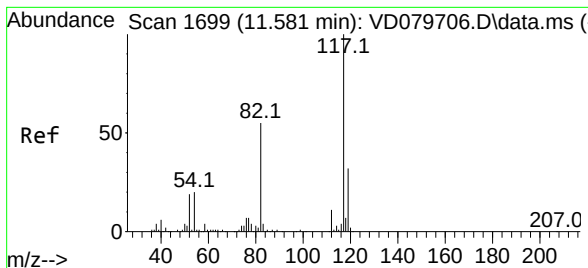
Tgt Ion: 98 Resp: 165271
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 29.499 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079787.D
Acq: 05 Sep 2024 16:03

Tgt Ion: 95 Resp: 33707
Ion Ratio Lower Upper
95 100
174 77.9 0.0 195.4
176 74.6 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079787.D

Acq: 05 Sep 2024 16:03

Instrument :

MSVOA_D

ClientSampleId :

STONE-1RE

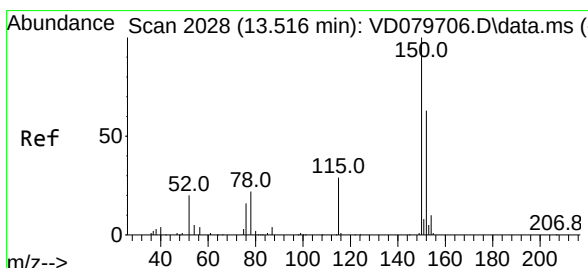
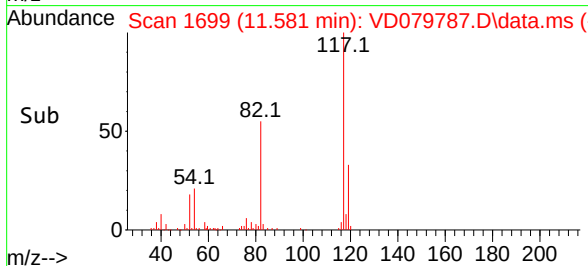
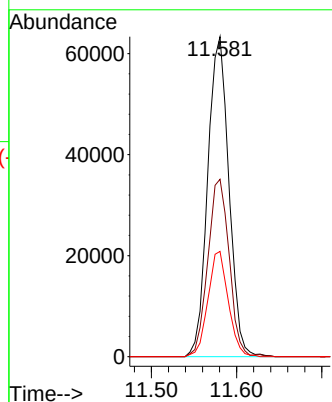
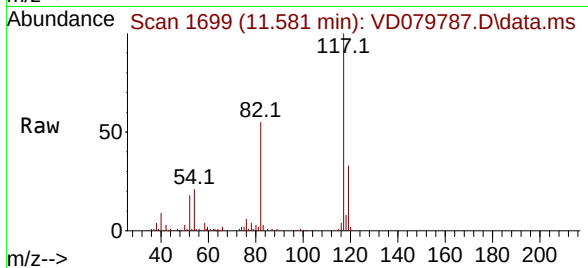
Tgt Ion:117 Resp: 109414

Ion Ratio Lower Upper

117 100

82 55.4 39.8 59.6

119 32.9 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 2027

Delta R.T. -0.006 min

Lab File: VD079787.D

Acq: 05 Sep 2024 16:03

Tgt Ion:152 Resp: 30454

Ion Ratio Lower Upper

152 100

115 64.6 26.5 79.5

150 161.7 0.0 341.6

