

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019581.D
 Acq On : 17 Sep 2024 13:28
 Operator : SY/MD
 Sample : P4023-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-TP-9

Quant Time: Sep 18 01:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

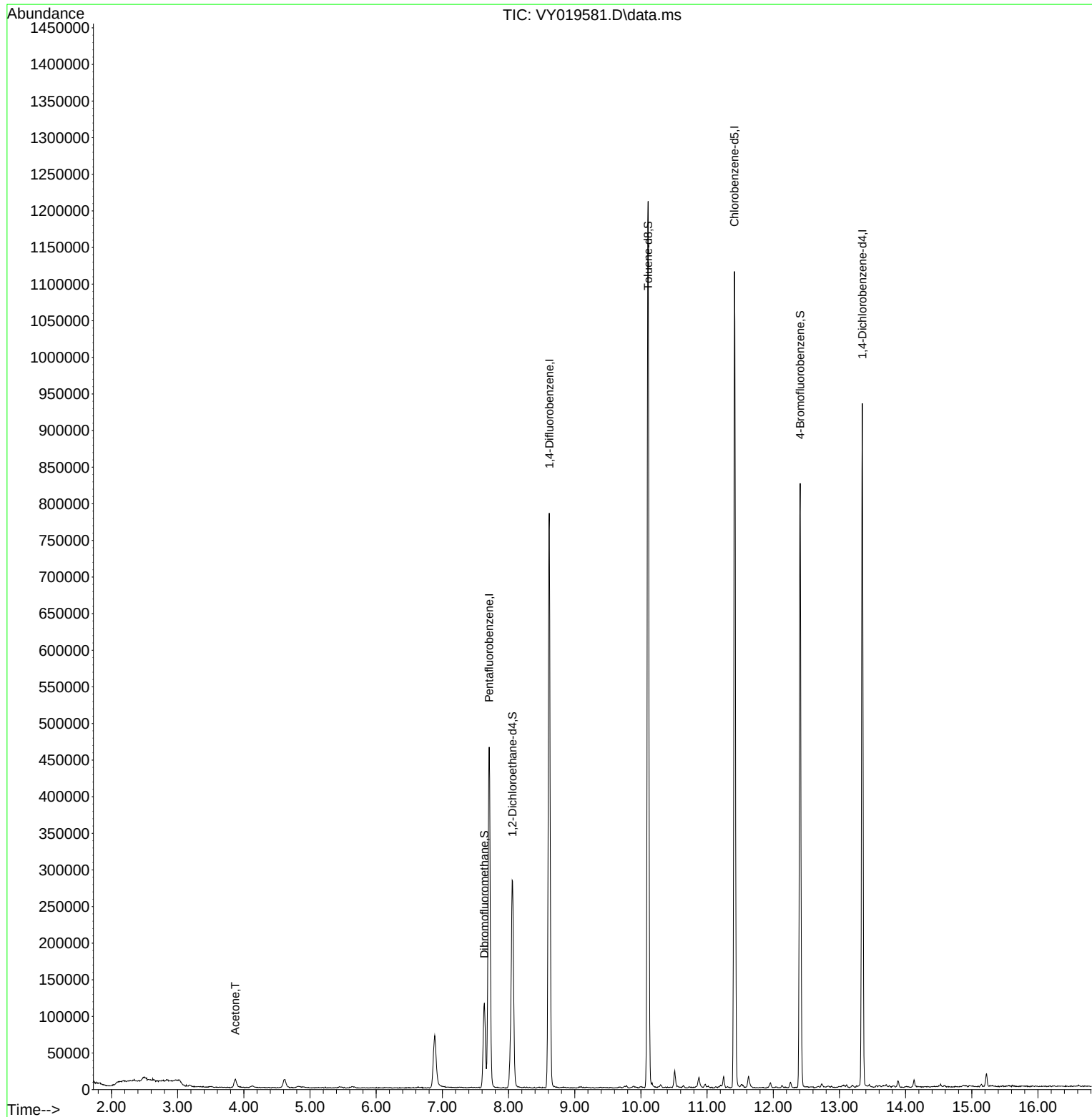
Internal Standards						
1) Pentafluorobenzene	7.707	168	343770	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	660806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	581598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	218985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	203031	63.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.560%	
35) Dibromofluoromethane	7.634	113	82252	21.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 43.900%#	
50) Toluene-d8	10.109	98	786651	56.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.540%	
62) 4-Bromofluorobenzene	12.408	95	255762	47.999	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 96.000%	
Target Compounds						
16) Acetone	3.873	43	21840	28.799	ug/l	# 81

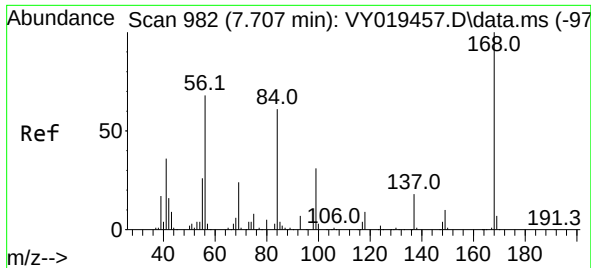
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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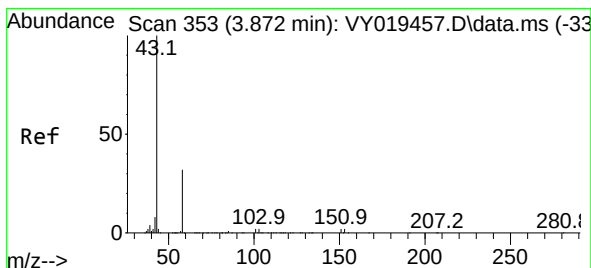
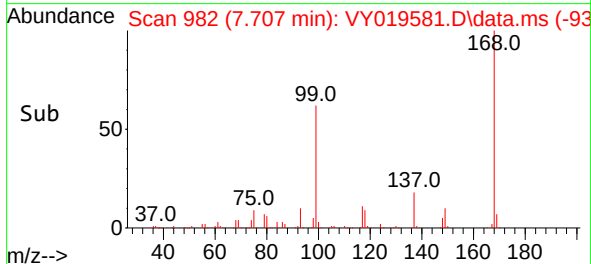
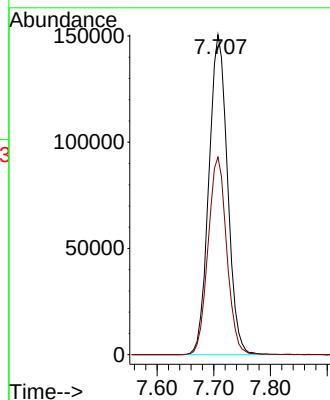
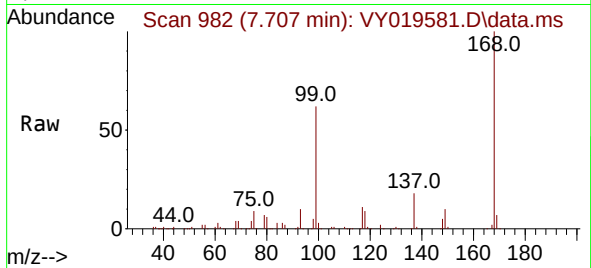




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019581.D
Acq: 17 Sep 2024 13:28

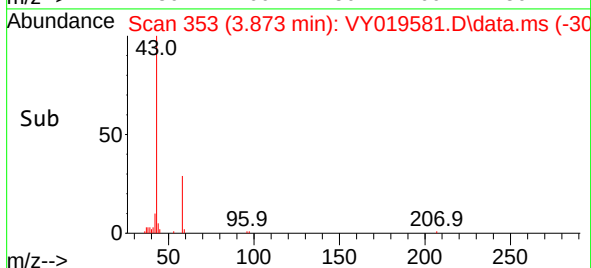
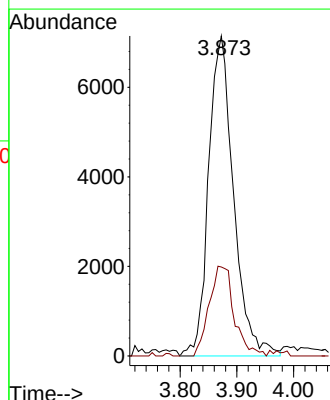
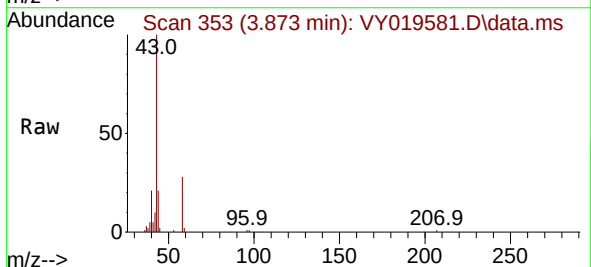
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-TP-9

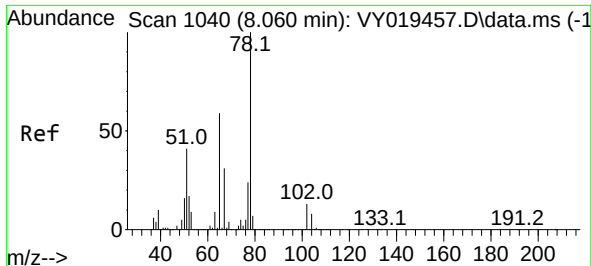
Tgt Ion:168 Resp: 343770
Ion Ratio Lower Upper
168 100
99 61.8 39.1 58.7#



#16
Acetone
Concen: 28.799 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019581.D
Acq: 17 Sep 2024 13:28

Tgt Ion: 43 Resp: 21840
Ion Ratio Lower Upper
43 100
58 27.8 31.7 47.5#





#33

1,2-Dichloroethane-d4

Concen: 63.781 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019581.D

Acq: 17 Sep 2024 13:28

Instrument :

MSVOA_Y

ClientSampleId :

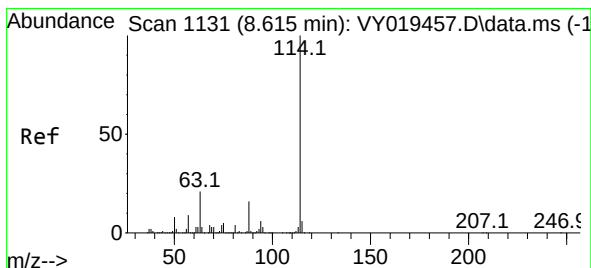
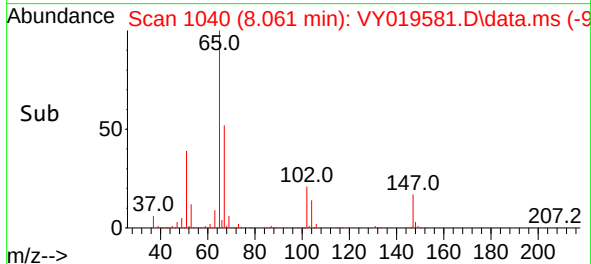
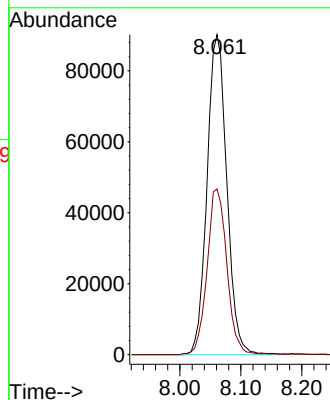
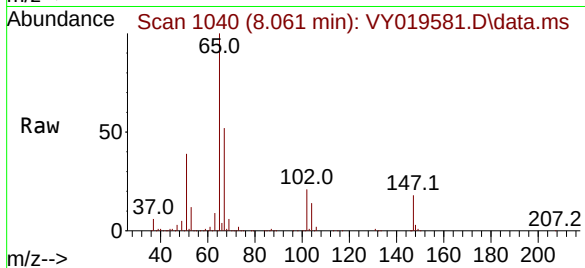
CONCRETE-TP-9

Tgt Ion: 65 Resp: 203031

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019581.D

Acq: 17 Sep 2024 13:28

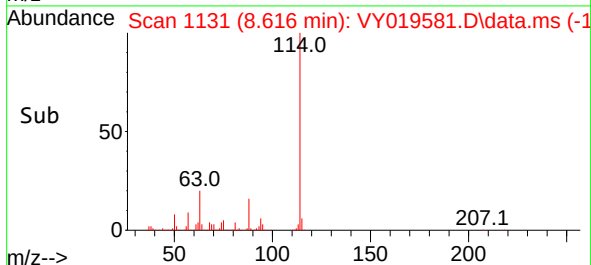
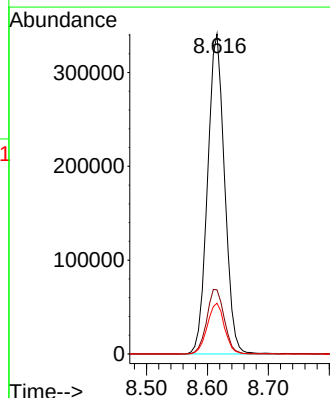
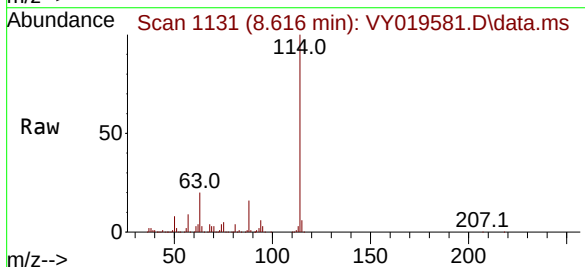
Tgt Ion: 114 Resp: 660806

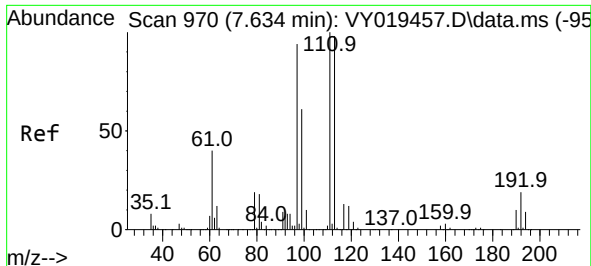
Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

88 15.9 0.0 27.2

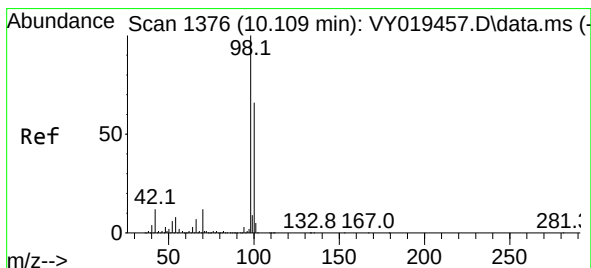
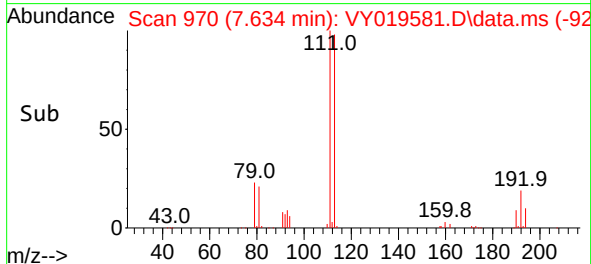
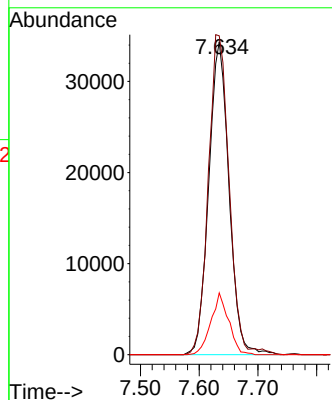
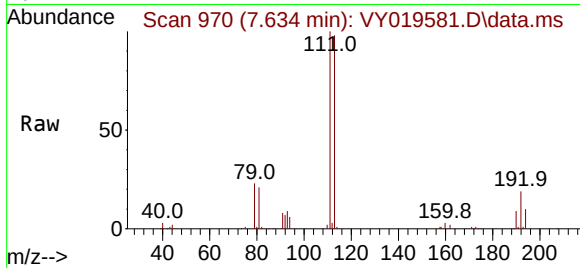




#35
Dibromofluoromethane
Concen: 21.953 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019581.D
Acq: 17 Sep 2024 13:28

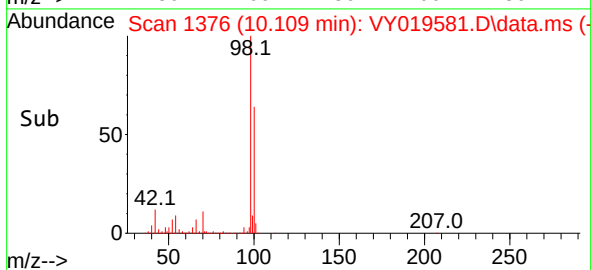
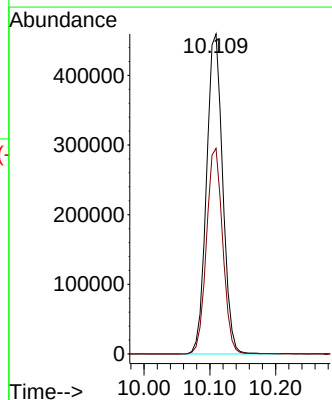
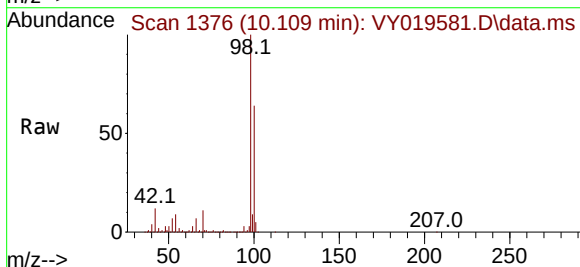
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-TP-9

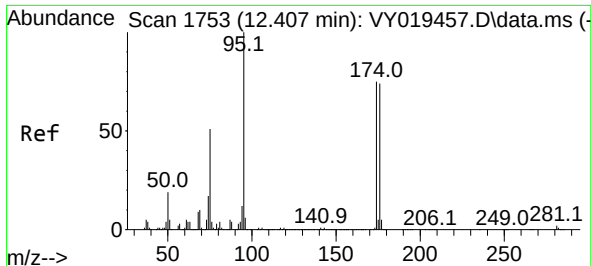
Tgt Ion:113 Resp: 82252
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 17.4 15.9 23.9



#50
Toluene-d8
Concen: 56.765 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019581.D
Acq: 17 Sep 2024 13:28

Tgt Ion: 98 Resp: 786651
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

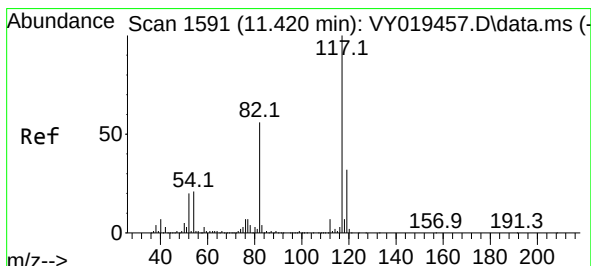
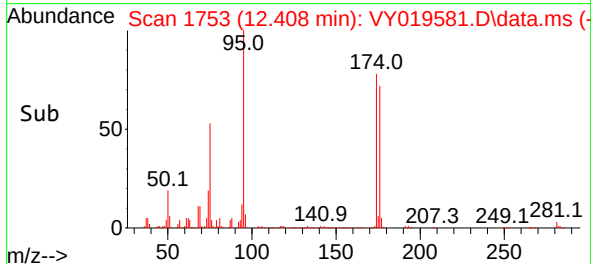
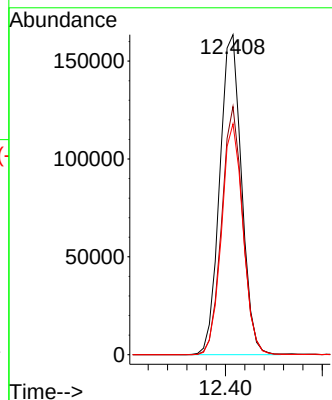
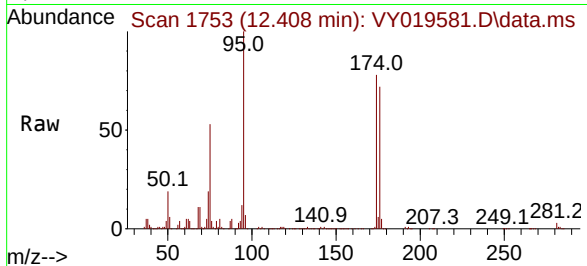




#62
4-Bromofluorobenzene
Concen: 47.999 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019581.D
Acq: 17 Sep 2024 13:28

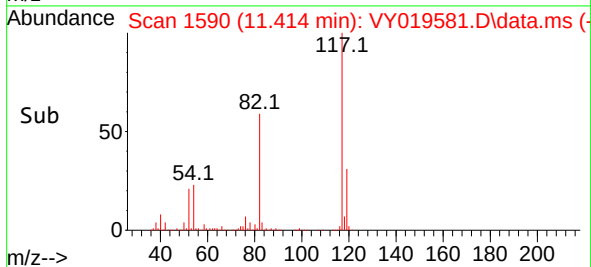
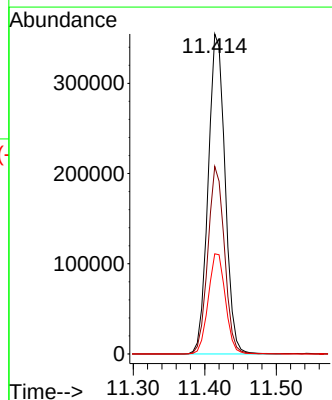
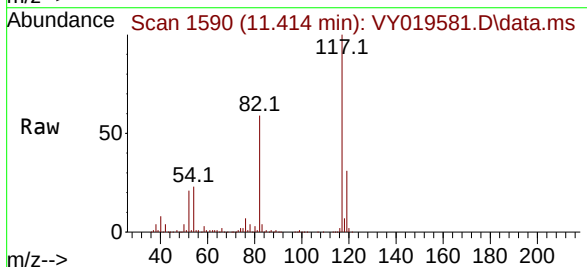
Instrument :
MSVOA_Y
ClientSampleId :
CONCRETE-TP-9

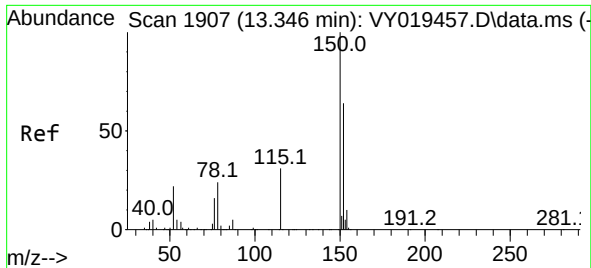
Tgt Ion: 95 Resp: 255762
Ion Ratio Lower Upper
95 100
174 74.8 0.0 175.6
176 71.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019581.D
Acq: 17 Sep 2024 13:28

Tgt Ion: 117 Resp: 581598
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.347 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019581.D
 Acq: 17 Sep 2024 13:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONCRETE-TP-9

Tgt Ion:152 Resp: 218985
 Ion Ratio Lower Upper
 152 100
 115 61.7 28.2 84.7
 150 156.9 0.0 345.6

