

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121824\
 Data File : VY020631.D
 Acq On : 18 Dec 2024 13:20
 Operator : SY/MD
 Sample : P5287-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONES-A

Quant Time: Dec 18 14:22:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 18 05:27:13 2024
 Response via : Initial Calibration

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

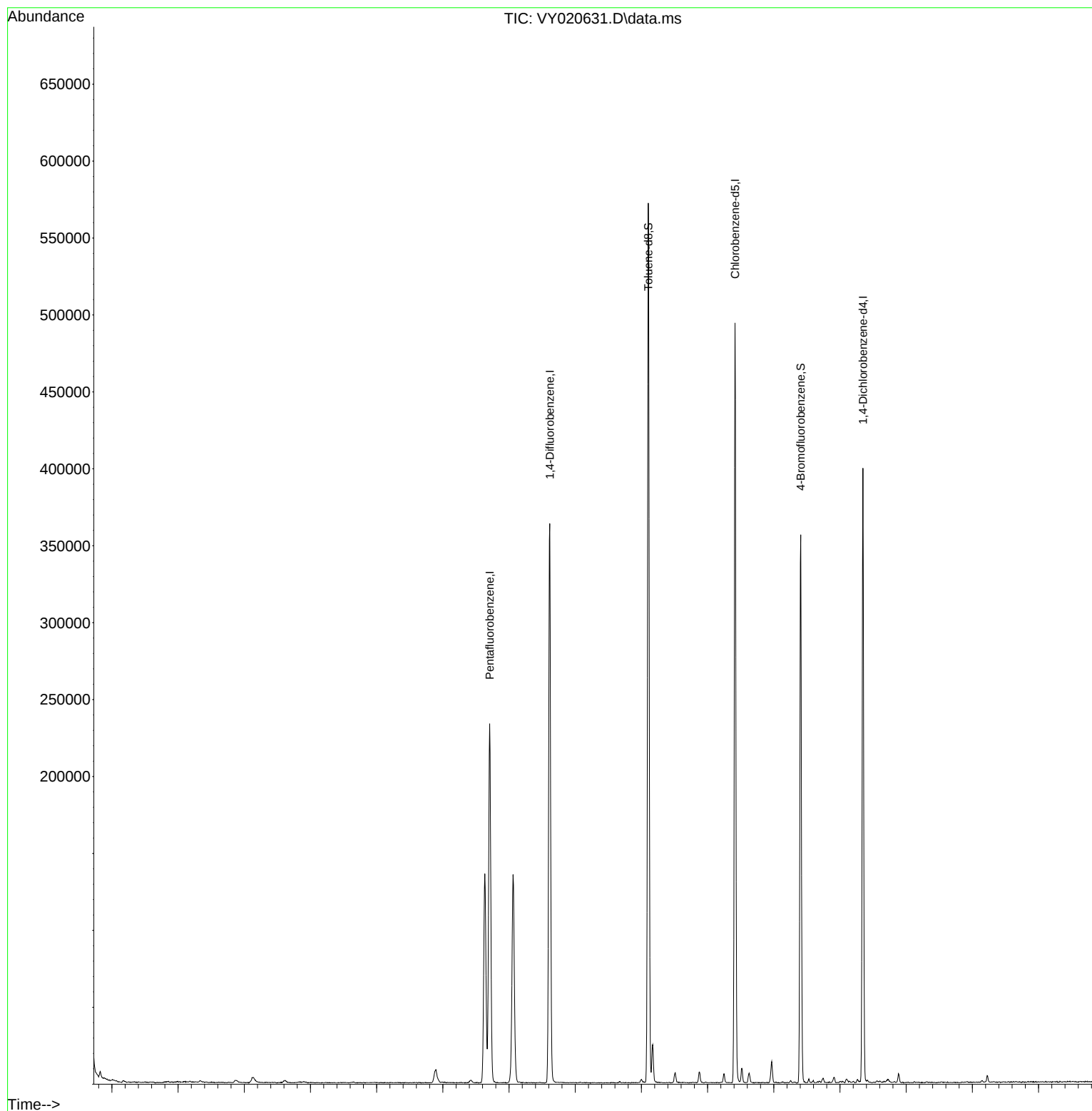
Internal Standards						
1) Pentafluorobenzene	7.707	168	175726	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	307969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	254407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	97258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98808	51.340	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.680%
35) Dibromofluoromethane	7.634	113	98324	45.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.600%
50) Toluene-d8	10.103	98	366060	48.185	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.408	95	108872	36.636	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.280%
Target Compounds						
16) Acetone	3.866	43	3418	2.569	ug/l	96
40) Benzene	8.079	78	18408	1.587	ug/l	98
52) Toluene	10.170	92	9822	1.362	ug/l	100

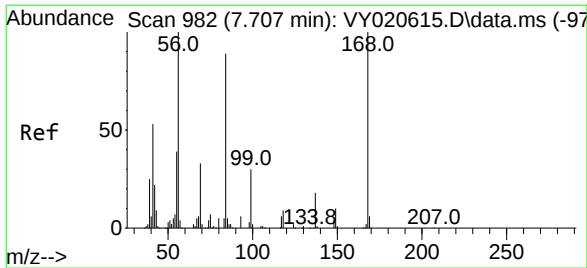
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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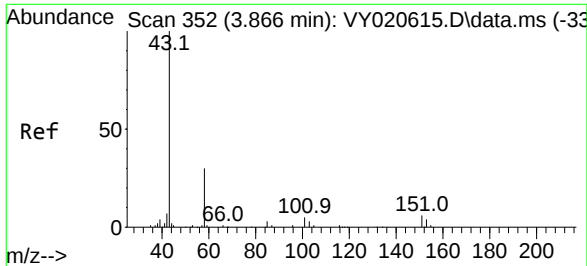
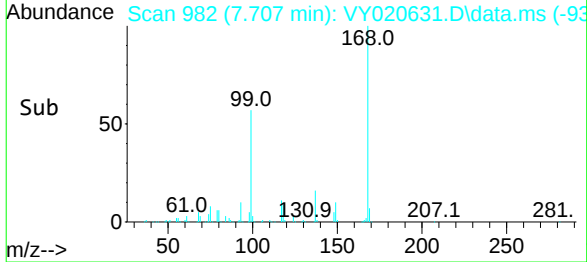
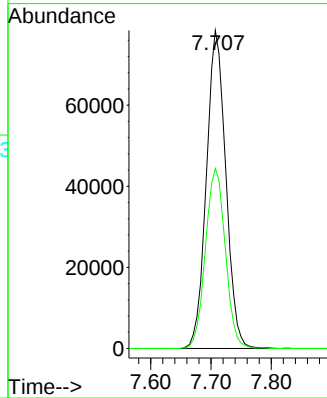
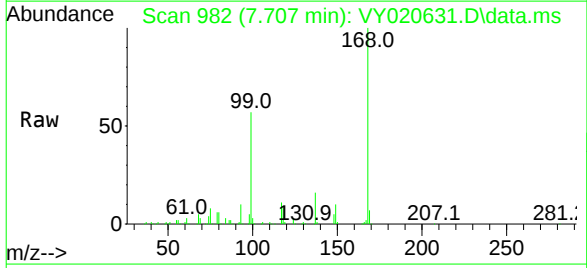




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 98
Delta R.T. 0.000 min
Lab File: VY020631.D
Acq: 18 Dec 2024 13:20

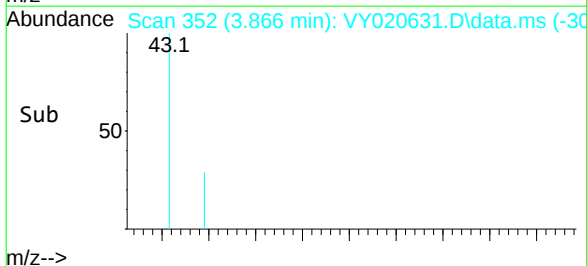
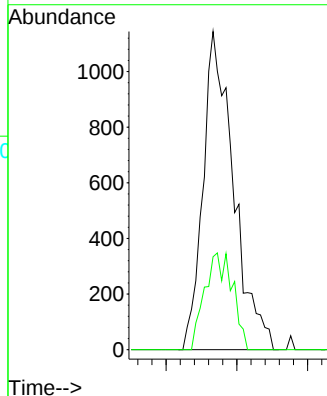
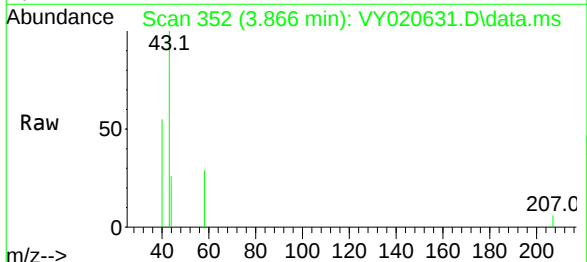
Instrument :
MSVOA_Y
ClientSampleId :
STONES-A

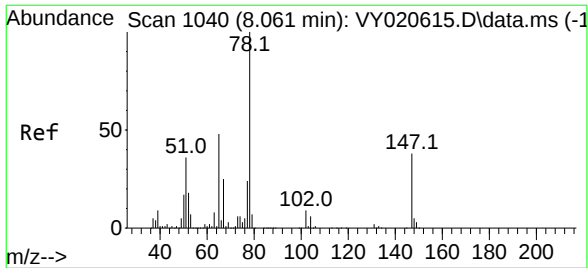
Tgt Ion: 168 Resp: 175726
Ion Ratio Lower Upper
168 100
99 56.6 47.0 70.6



#16
Acetone
Concen: 2.569 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY020631.D
Acq: 18 Dec 2024 13:20

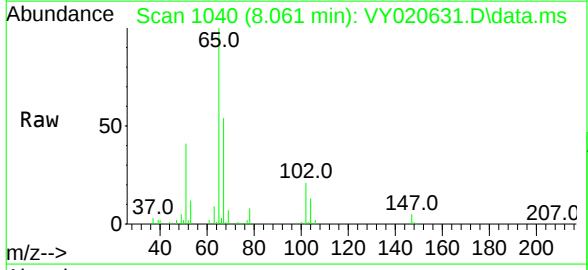
Tgt Ion: 43 Resp: 3418
Ion Ratio Lower Upper
43 100
58 29.2 25.0 37.6





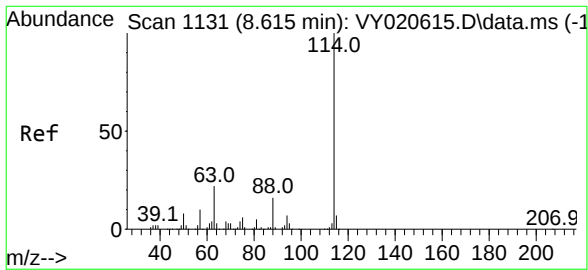
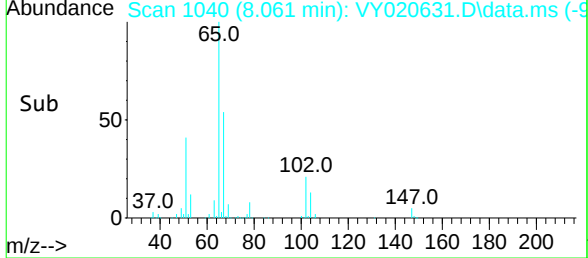
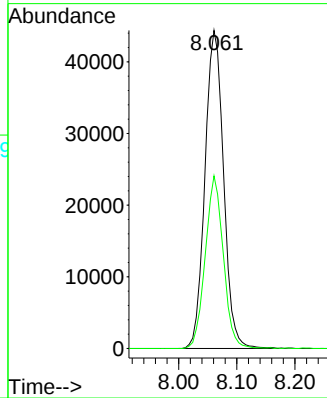
#33
 1,2-Dichloroethane-d4
 Concen: 51.340 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY020631.D
 Acq: 18 Dec 2024 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONES-A



Tgt Ion: 65 Resp: 98808

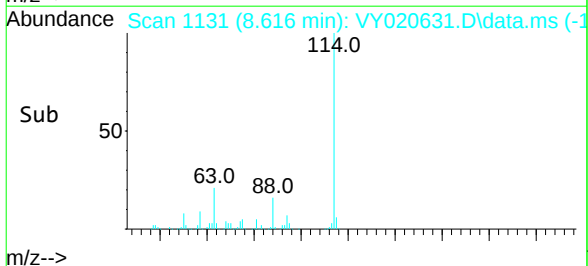
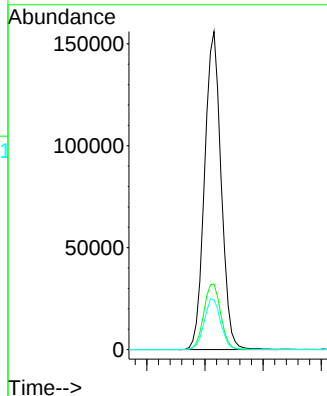
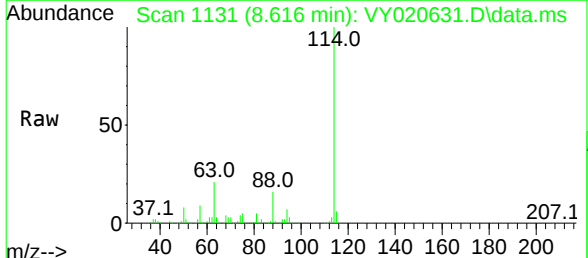
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	108.0

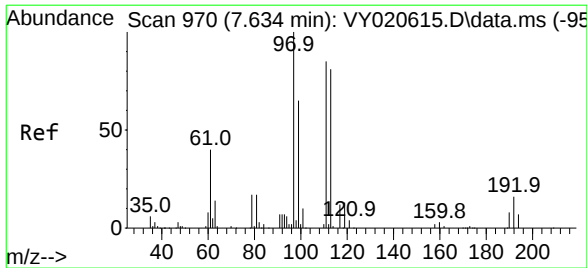


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020631.D
 Acq: 18 Dec 2024 13:20

Tgt Ion: 114 Resp: 307969

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	44.0
88	15.6	0.0	32.8





#35

Dibromofluoromethane

Concen: 45.300 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY020631.D

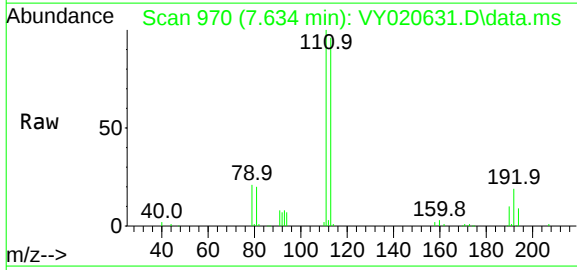
Acq: 18 Dec 2024 13:20

Instrument :

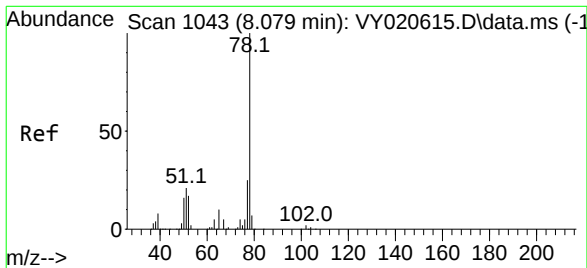
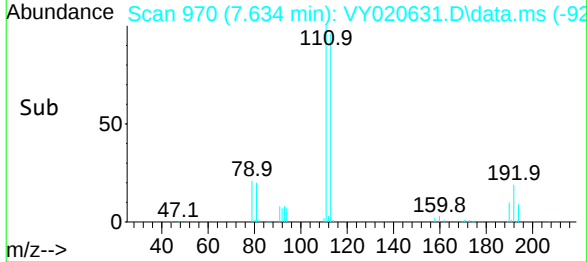
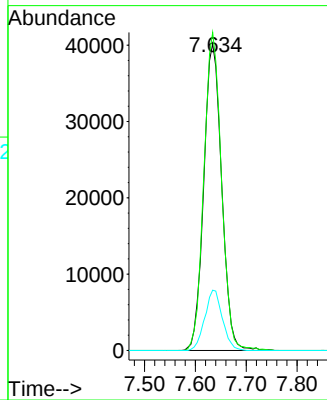
MSVOA_Y

ClientSampleId :

STONES-A



Tgt Ion:	113	Resp:	98324
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.9	124.3
192	19.4	15.7	23.5



#40

Benzene

Concen: 1.587 ug/l

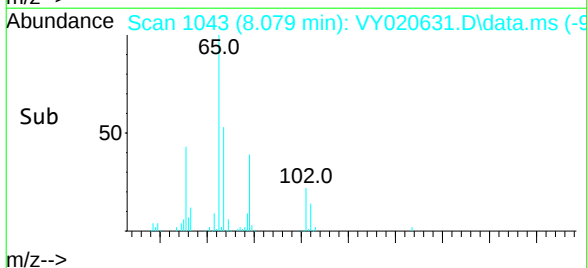
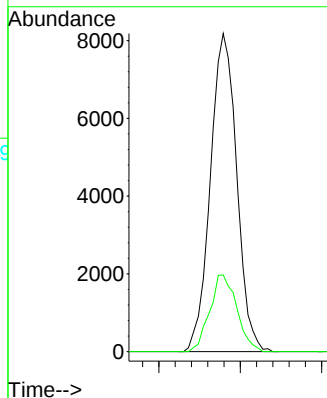
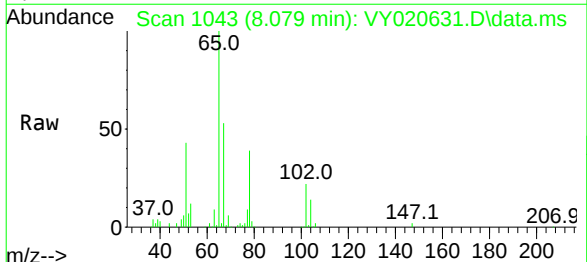
RT: 8.079 min Scan# 1043

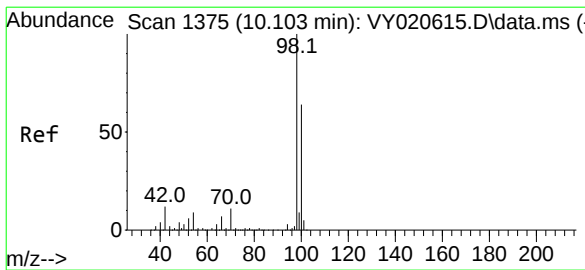
Delta R.T. 0.000 min

Lab File: VY020631.D

Acq: 18 Dec 2024 13:20

Tgt Ion:	78	Resp:	18408
Ion	Ratio	Lower	Upper
78	100		
77	24.1	20.1	30.1





#50

Toluene-d8

Concen: 48.185 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY020631.D

Acq: 18 Dec 2024 13:20

Instrument :

MSVOA_Y

ClientSampleId :

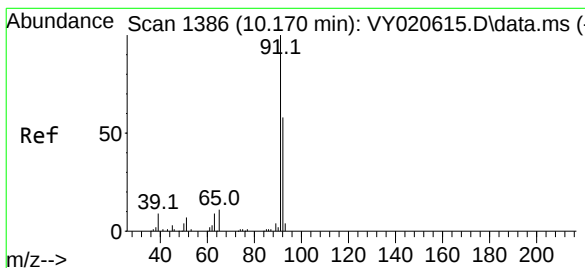
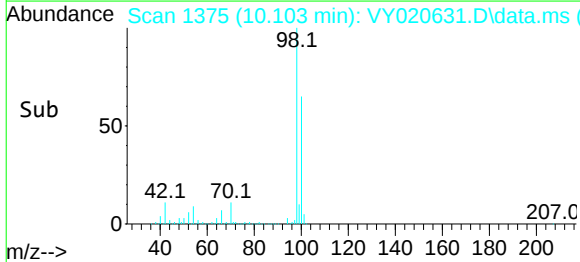
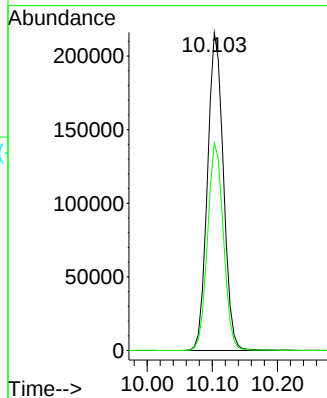
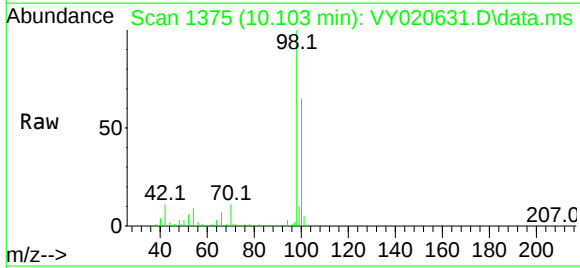
STONES-A

Tgt Ion: 98 Resp: 366060

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1



#52

Toluene

Concen: 1.362 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020631.D

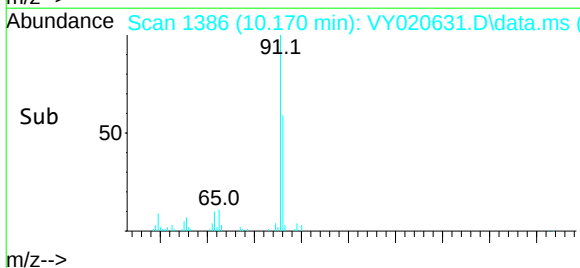
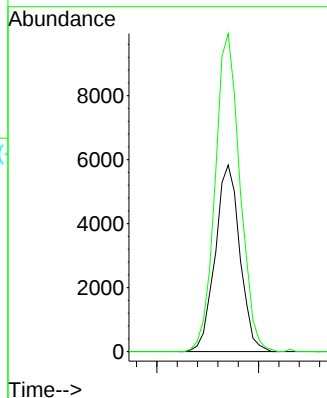
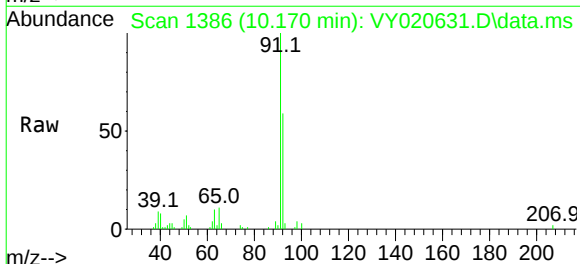
Acq: 18 Dec 2024 13:20

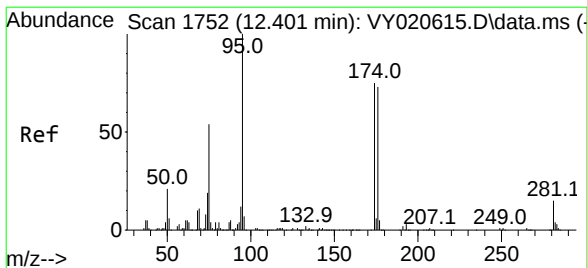
Tgt Ion: 92 Resp: 9822

Ion Ratio Lower Upper

92 100

91 171.6 137.4 206.0

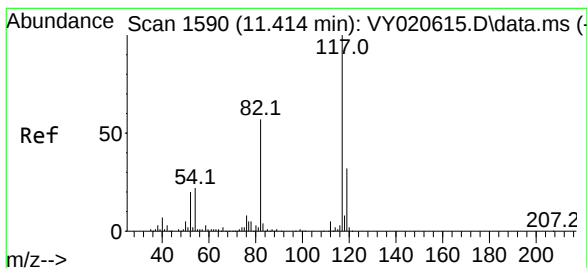
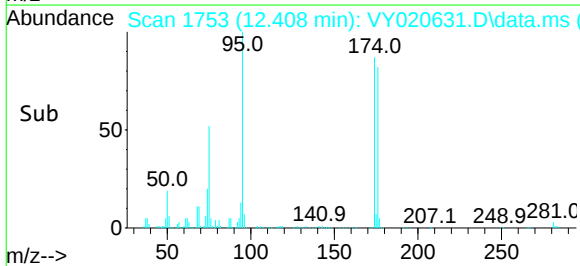
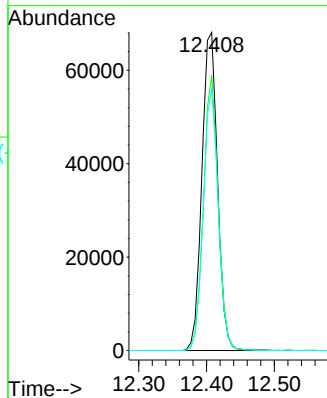
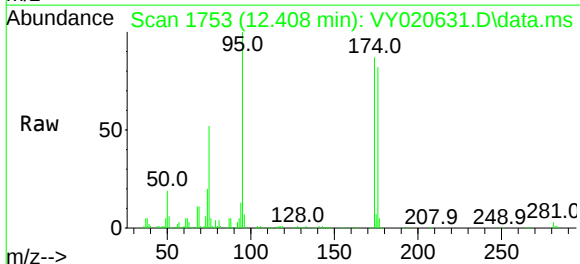




#62
4-Bromofluorobenzene
Concen: 36.636 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY020631.D
Acq: 18 Dec 2024 13:20

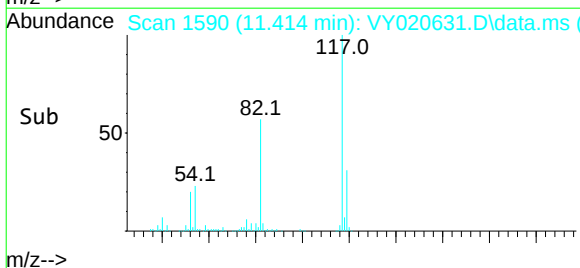
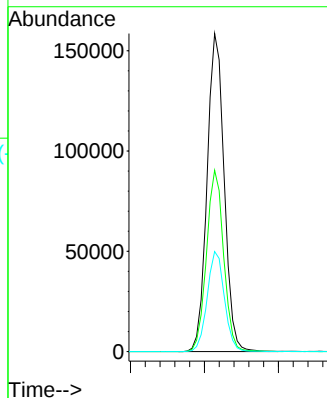
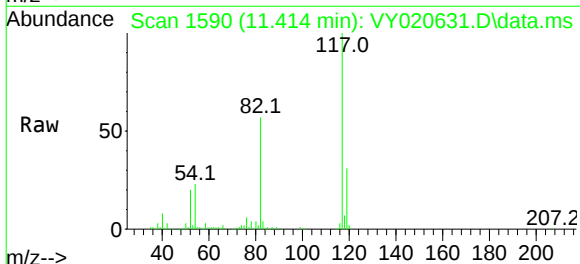
Instrument :
MSVOA_Y
ClientSampleId :
STONES-A

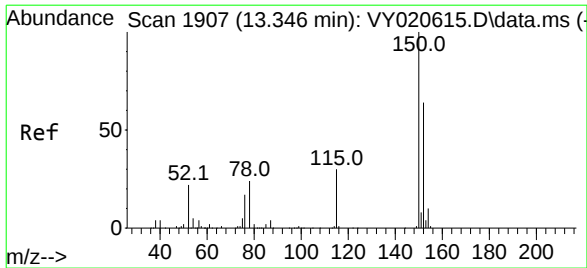
Tgt Ion:	95	Ratio	100	Lower	Upper
95	100				
174	81.5		0.0	161.8	
176	78.7		0.0	156.6	



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY020631.D
Acq: 18 Dec 2024 13:20

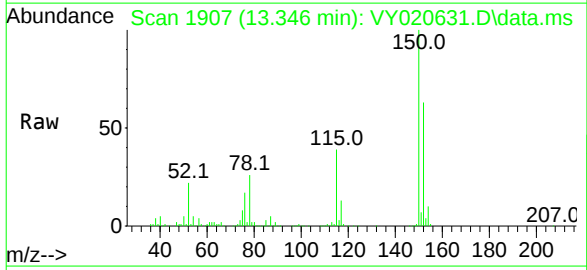
Tgt Ion:	117	Ratio	100	Lower	Upper
117	100				
82	57.0		45.8	68.6	
119	31.5		25.3	37.9	





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VY020631.D
 Acq: 18 Dec 2024 13:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONES-A



Tgt Ion:	152	Resp:	97258
Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.2	90.6
150	158.5	0.0	355.4

