

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010239.D
 Acq On : 31 Aug 2022 12:46
 Operator : KP/MD
 Sample : N4398-01
 Misc : 4.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROCK-FINES-QA/QC-COMP

Quant Time: Aug 31 14:45:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

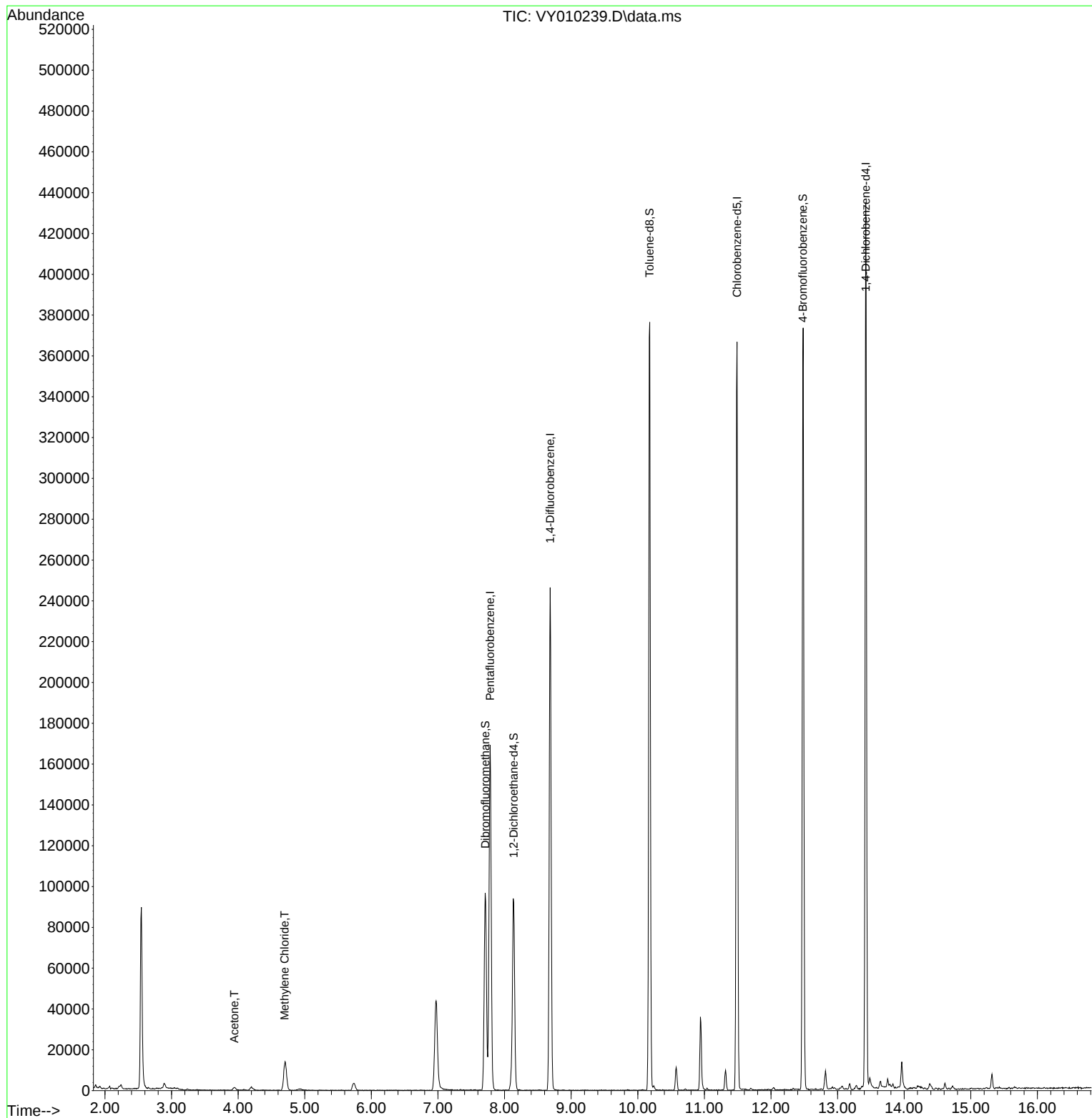
Internal Standards						
1) Pentafluorobenzene	7.783	168	142124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	222556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	212528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	72525	60.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.220%	
35) Dibromofluoromethane	7.710	113	68110	53.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.540%	
50) Toluene-d8	10.179	98	255920	53.829	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.477	95	106562	60.097	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 120.200%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	2531	10.060	ug/l #	82
20) Methylene Chloride	4.698	84	11188	7.552	ug/l #	75

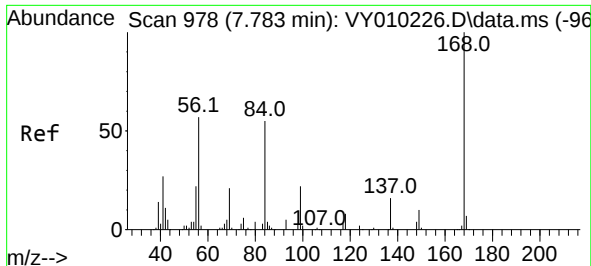
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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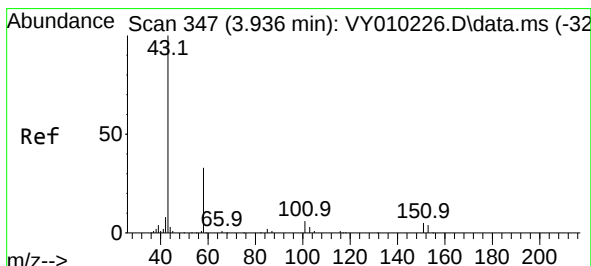
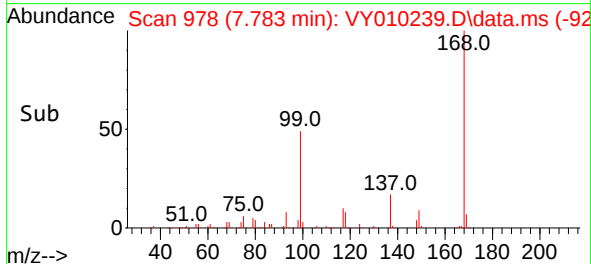
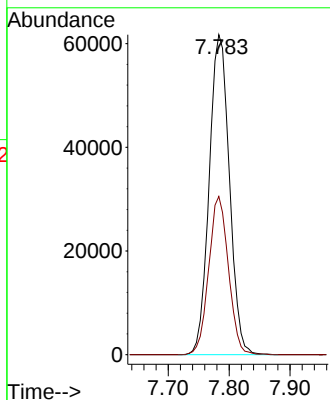
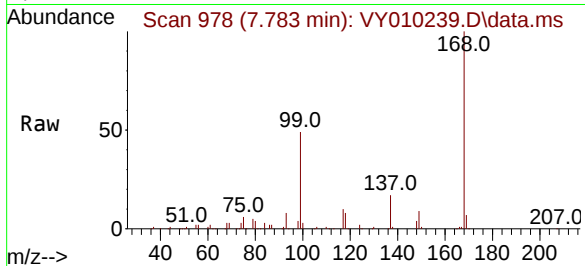




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010239.D
Acq: 31 Aug 2022 12:46

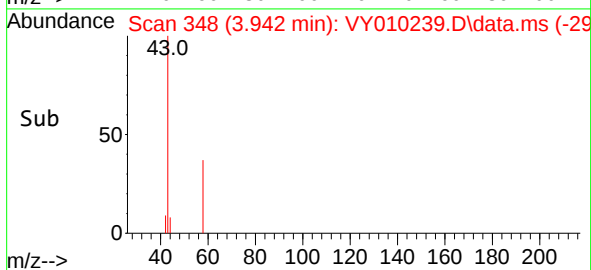
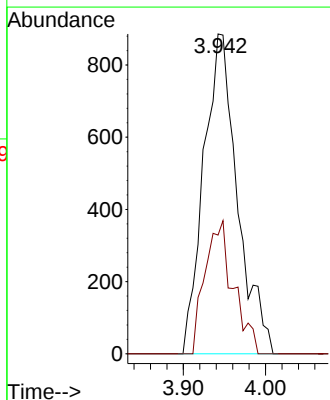
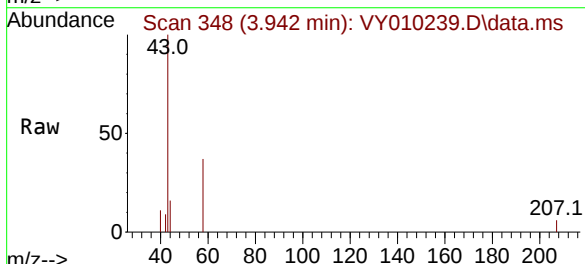
Instrument :
MSVOA_Y
ClientSampleId :
ROCK-FINES-QA/QC-COMP

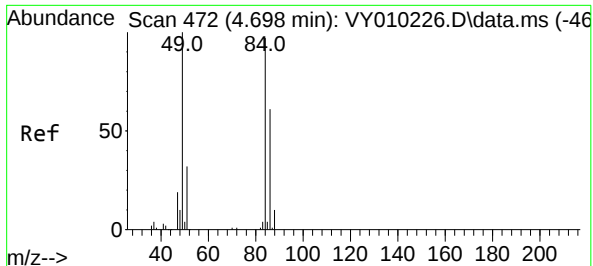
Tgt Ion:168 Resp: 142124
Ion Ratio Lower Upper
168 100
99 49.5 46.9 70.3



#16
Acetone
Concen: 10.060 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010239.D
Acq: 31 Aug 2022 12:46

Tgt Ion: 43 Resp: 2531
Ion Ratio Lower Upper
43 100
58 37.1 22.0 33.0#

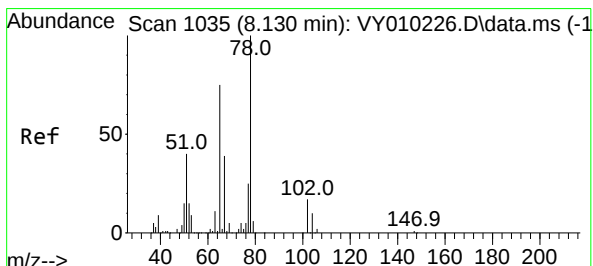
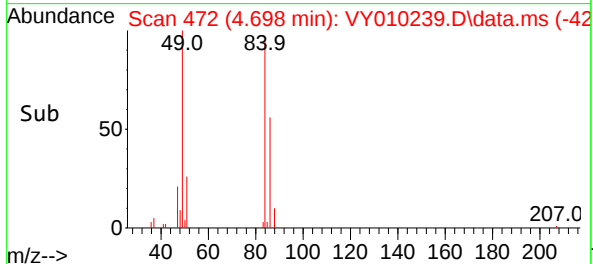
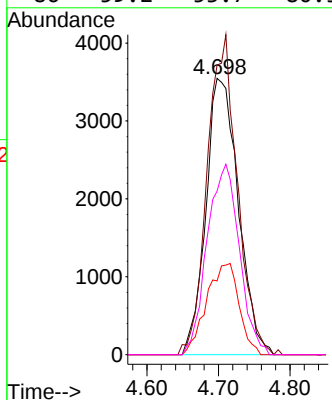
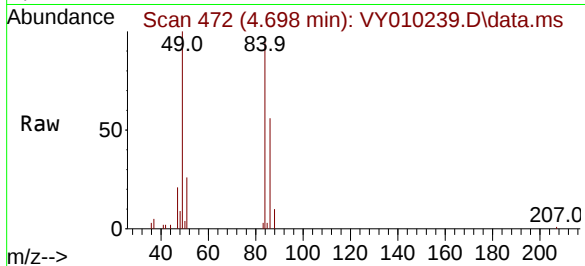




#20
Methylene Chloride
Concen: 7.552 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010239.D
Acq: 31 Aug 2022 12:46

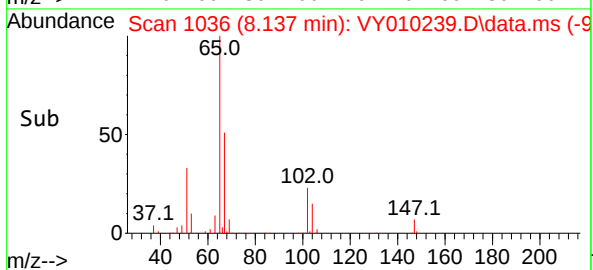
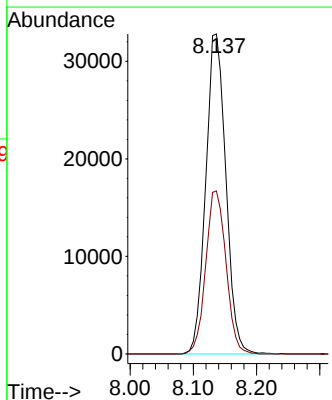
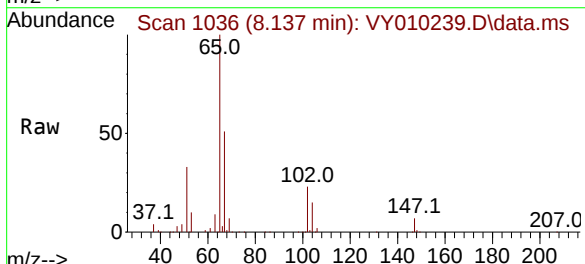
Instrument :
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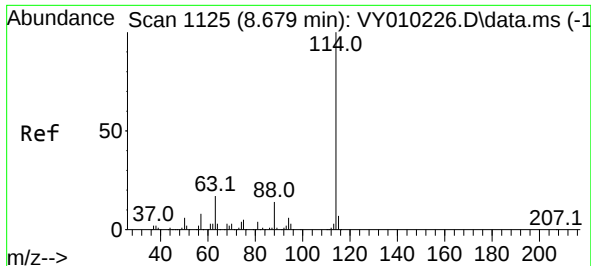
Tgt Ion:	84	Resp:	11188
Ion	Ratio	Lower	Upper
84	100		
49	104.8	114.4	171.6#
51	26.7	35.3	52.9#
86	59.2	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 60.613 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VY010239.D
Acq: 31 Aug 2022 12:46

Tgt Ion:	65	Resp:	72525
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	99.4

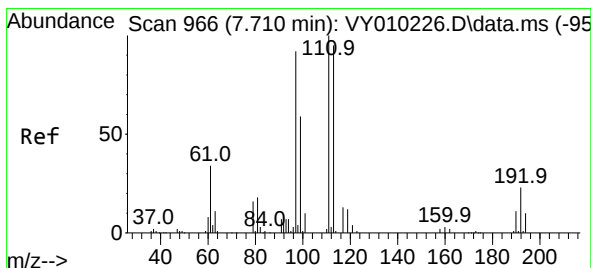
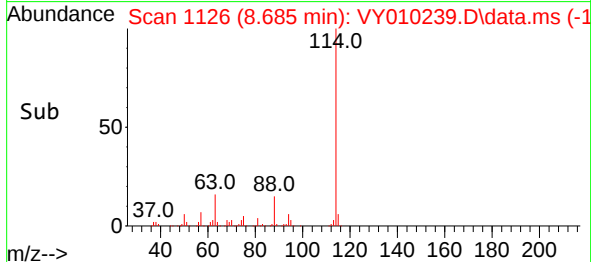
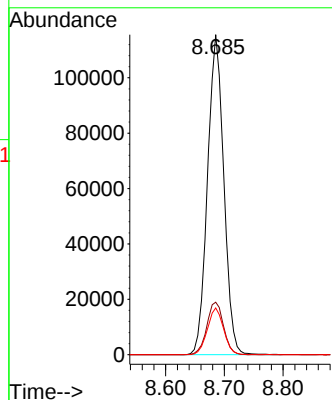
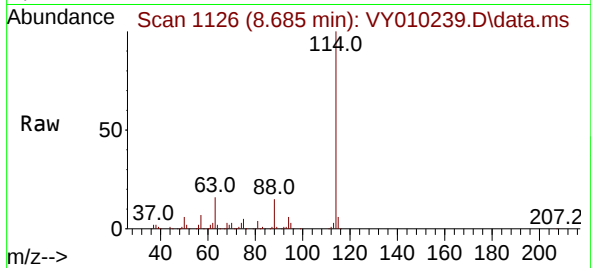




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY010239.D
Acq: 31 Aug 2022 12:46

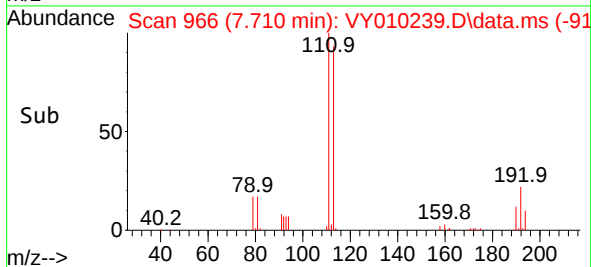
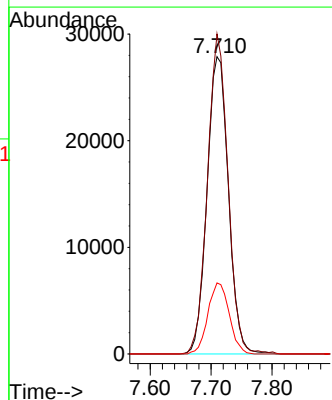
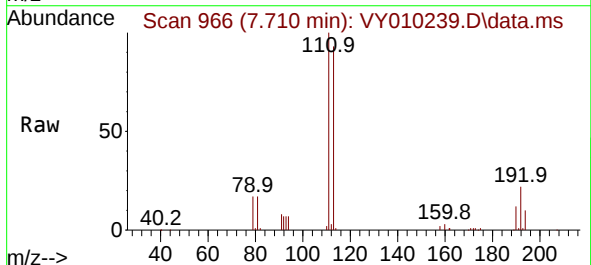
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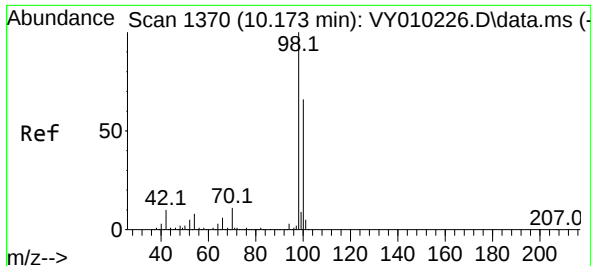
Tgt Ion:114 Resp: 222556
Ion Ratio Lower Upper
114 100
63 16.4 0.0 43.2
88 14.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.273 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010239.D
Acq: 31 Aug 2022 12:46

Tgt Ion:113 Resp: 68110
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 23.8 17.6 26.4

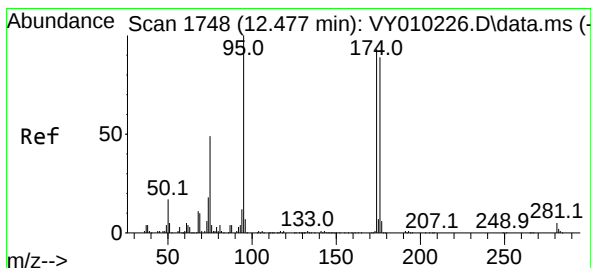
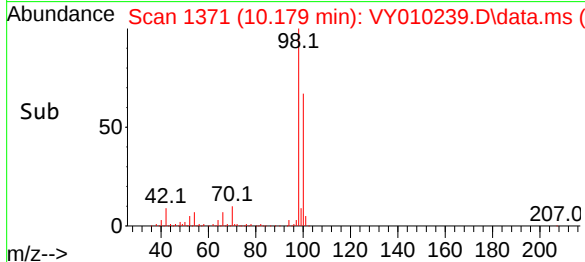
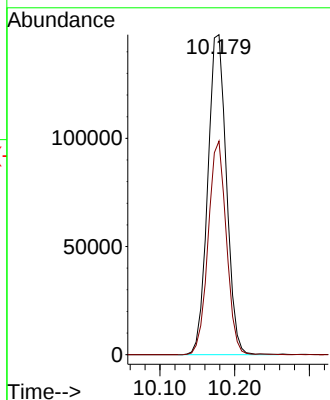
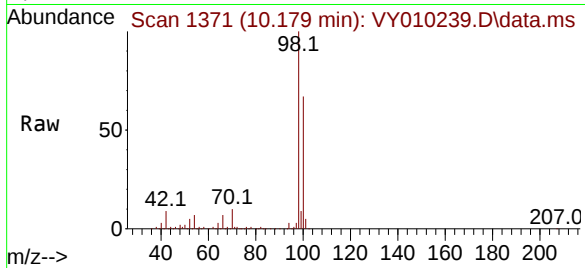




#50
Toluene-d8
Concen: 53.829 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010239.D
Acq: 31 Aug 2022 12:46

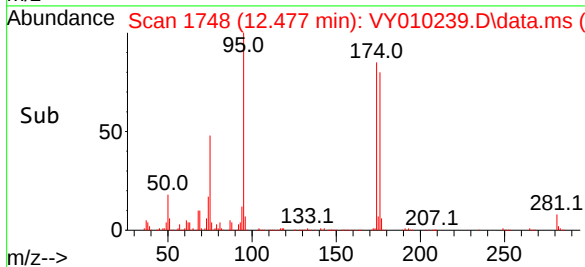
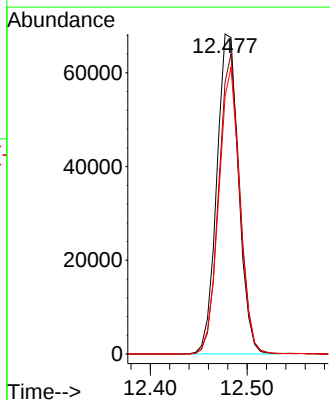
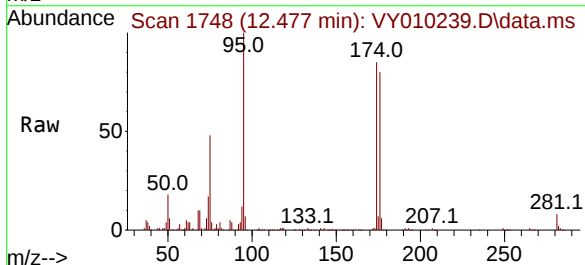
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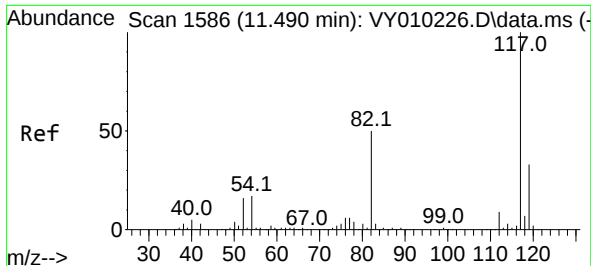
Tgt Ion: 98 Resp: 255920
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 60.097 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010239.D
Acq: 31 Aug 2022 12:46

Tgt Ion: 95 Resp: 106562
Ion Ratio Lower Upper
95 100
174 90.6 0.0 177.0
176 86.8 0.0 175.8

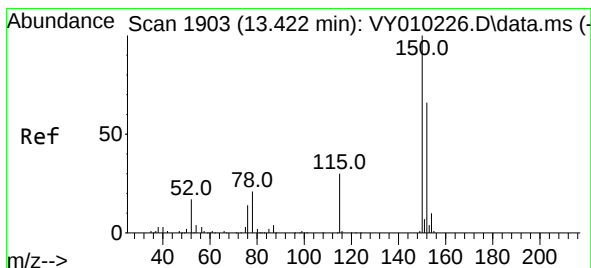
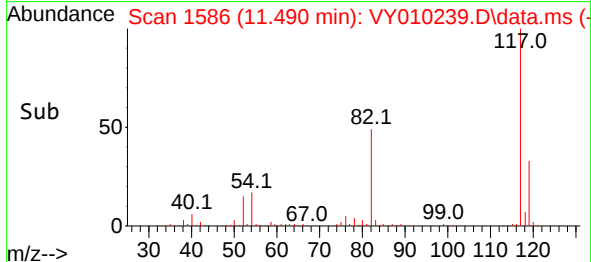
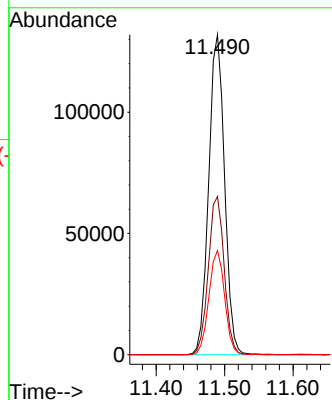
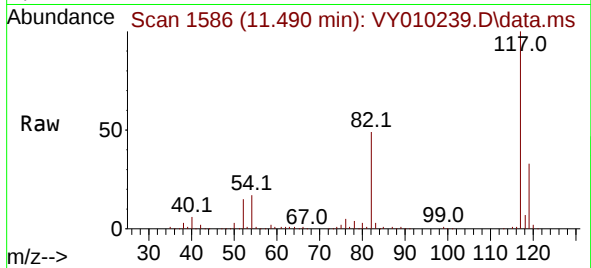




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY010239.D
Acq: 31 Aug 2022 12:46

Instrument :
MSVOA_Y
ClientSampleId :
ROCK-FINES-QA/QC-COMP

Tgt Ion:117 Resp: 212528
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010239.D
Acq: 31 Aug 2022 12:46

Tgt Ion:152 Resp: 117978
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 155.8 0.0 347.6

