

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016391.D
 Acq On : 16 Nov 2023 15:40
 Operator : SY/MD
 Sample : 05418-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONE-2

Quant Time: Nov 17 04:07:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

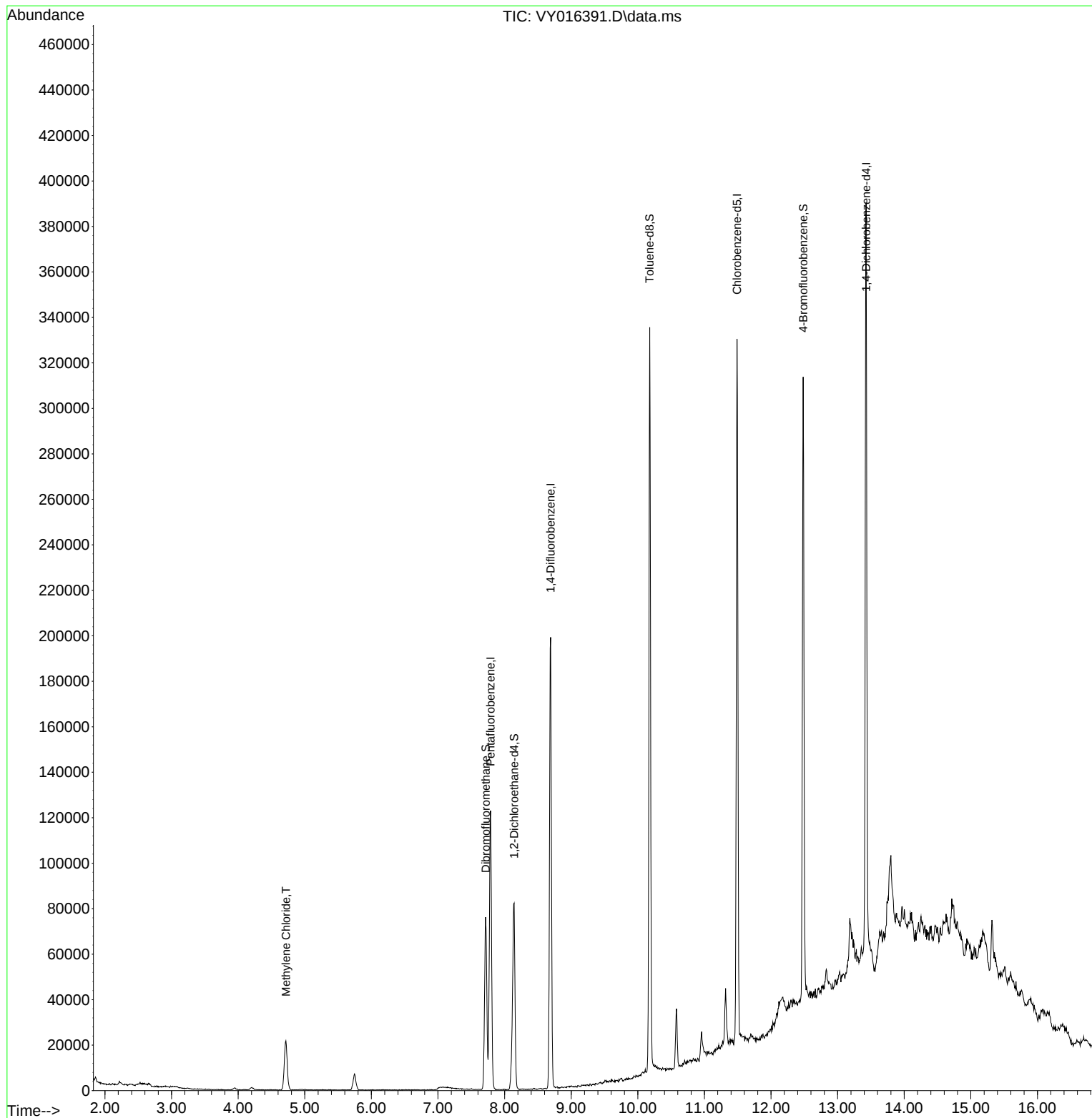
Internal Standards						
1) Pentafluorobenzene	7.789	168	98282	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	175440	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	175652	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	85228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60426	67.270	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.540%	
35) Dibromofluoromethane	7.716	113	53628	53.810	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.620%	
50) Toluene-d8	10.179	98	213928	52.933	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.860%	
62) 4-Bromofluorobenzene	12.483	95	80530	61.351	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.700%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	16933	13.598	ug/l	88

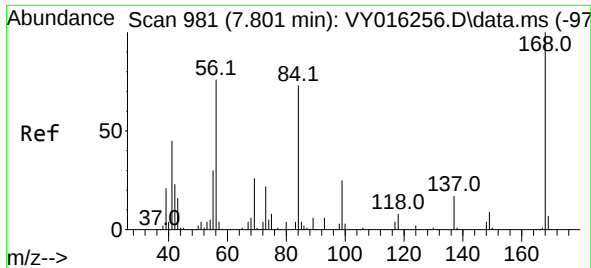
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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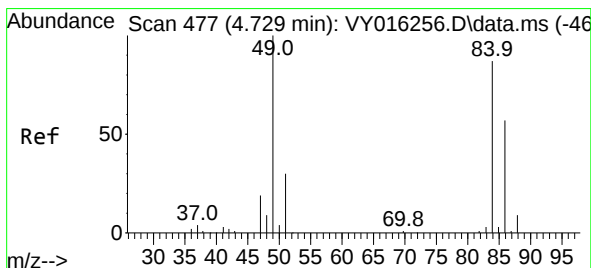
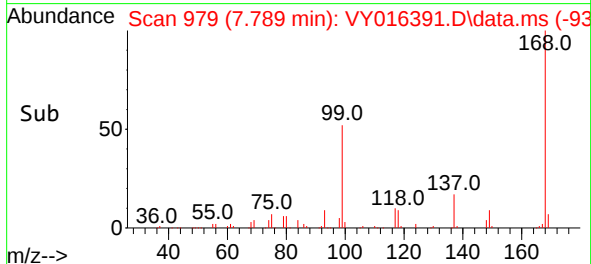
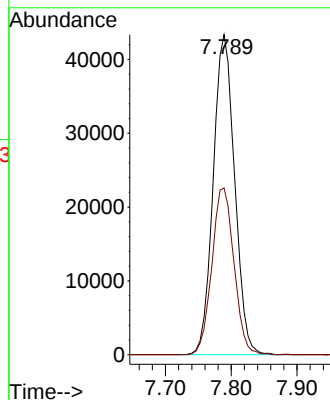
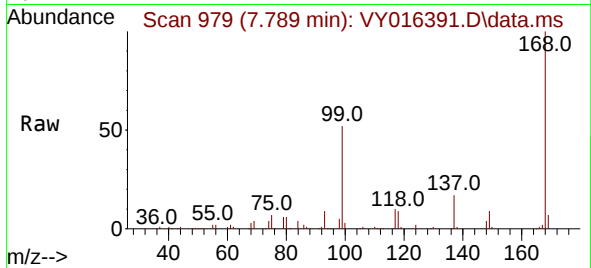




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016391.D
Acq: 16 Nov 2023 15:40

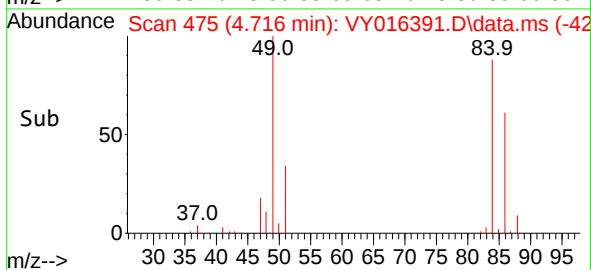
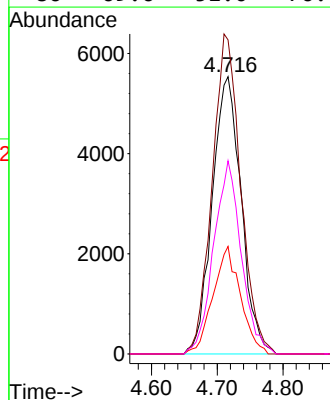
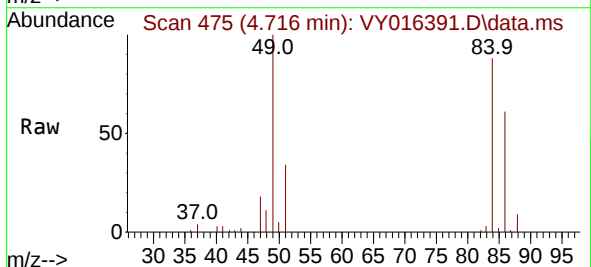
Instrument :
MSVOA_Y
ClientSampleId :
STONE-2

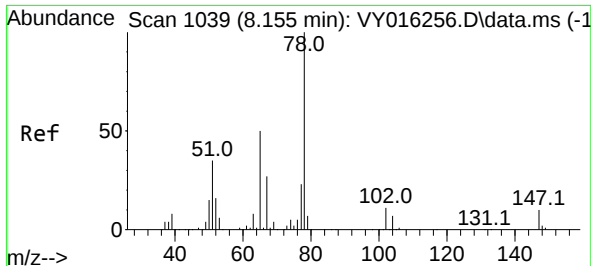
Tgt Ion:168 Resp: 98282
Ion Ratio Lower Upper
168 100
99 52.1 43.4 65.0



#20
Methylene Chloride
Concen: 13.598 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016391.D
Acq: 16 Nov 2023 15:40

Tgt Ion: 84 Resp: 16933
Ion Ratio Lower Upper
84 100
49 113.3 106.9 160.3
51 38.8 33.2 49.8
86 69.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 67.270 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. -0.012 min

Lab File: VY016391.D

Acq: 16 Nov 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

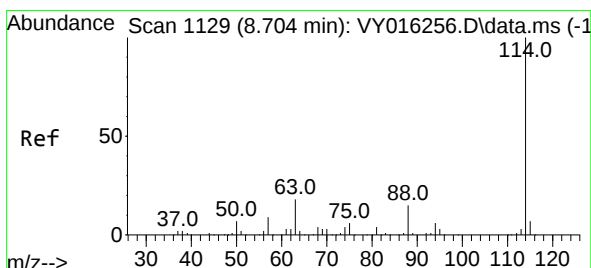
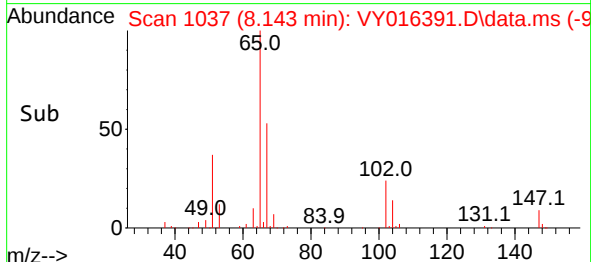
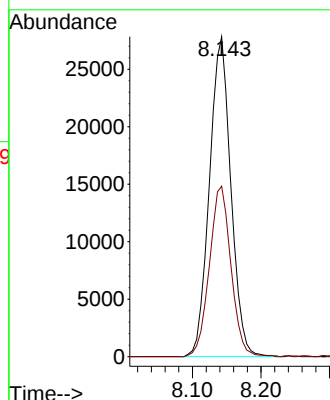
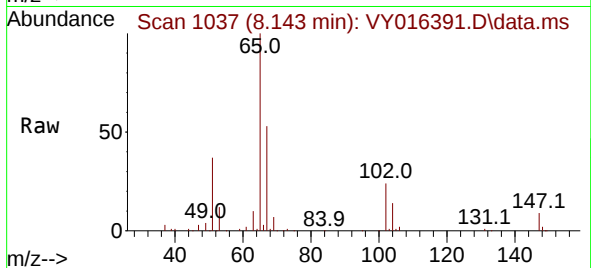
STONE-2

Tgt Ion: 65 Resp: 60426

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016391.D

Acq: 16 Nov 2023 15:40

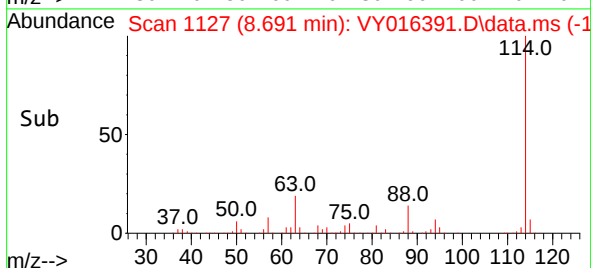
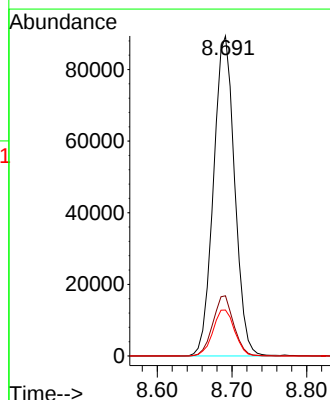
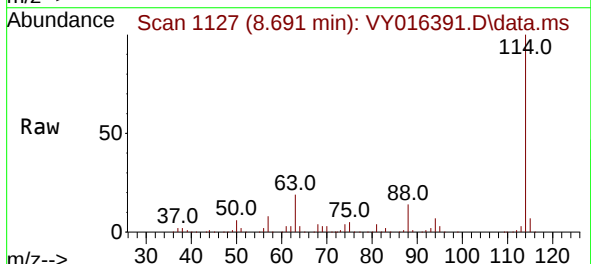
Tgt Ion: 114 Resp: 175440

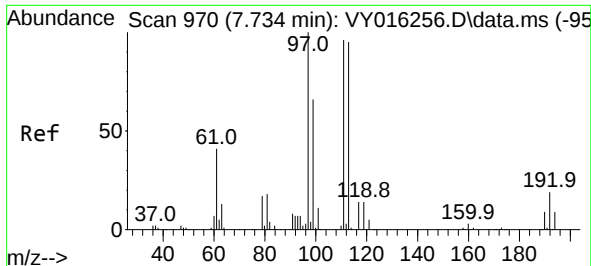
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.4 0.0 30.6

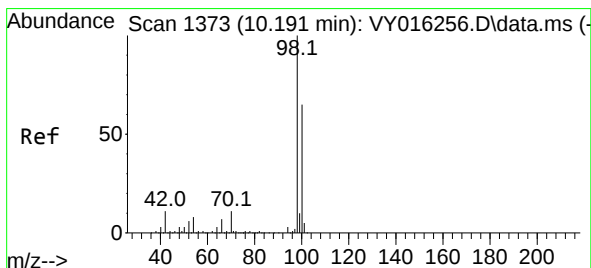
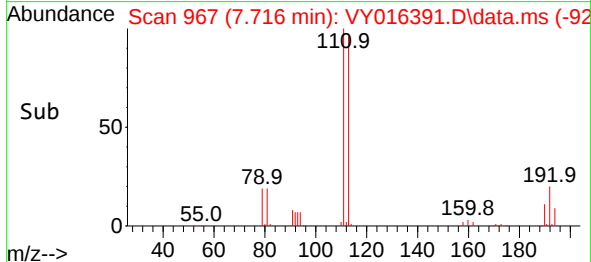
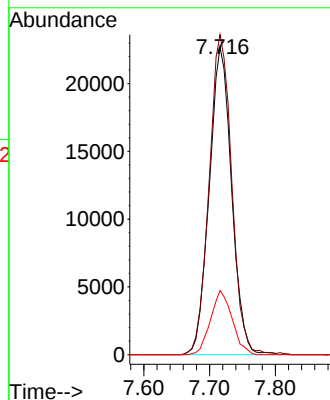
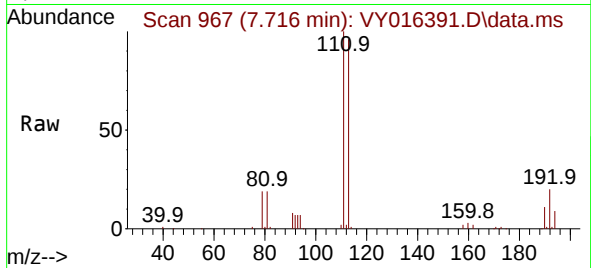




#35
 Dibromofluoromethane
 Concen: 53.810 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: VY016391.D
 Acq: 16 Nov 2023 15:40

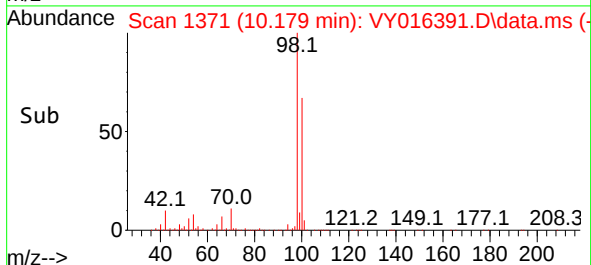
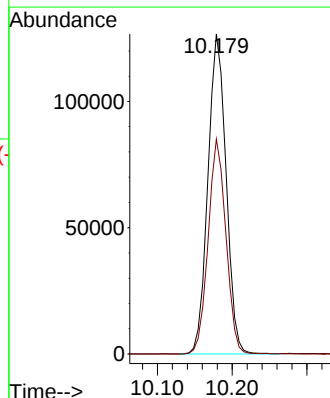
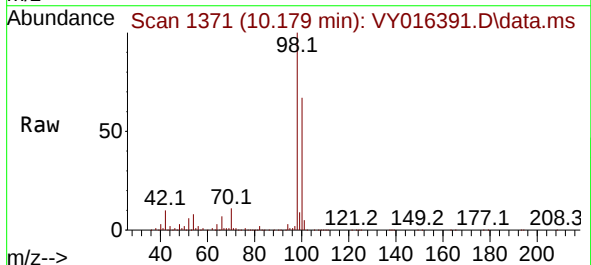
Instrument :
 MSVOA_Y
 ClientSampleId :
 STONE-2

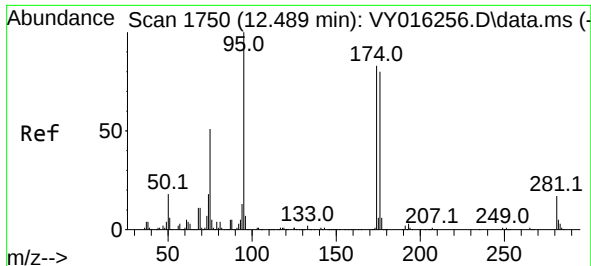
Tgt Ion:113 Resp: 53628
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.3 121.9
 192 20.2 16.9 25.3



#50
 Toluene-d8
 Concen: 52.933 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.012 min
 Lab File: VY016391.D
 Acq: 16 Nov 2023 15:40

Tgt Ion: 98 Resp: 213928
 Ion Ratio Lower Upper
 98 100
 100 65.6 50.1 75.1

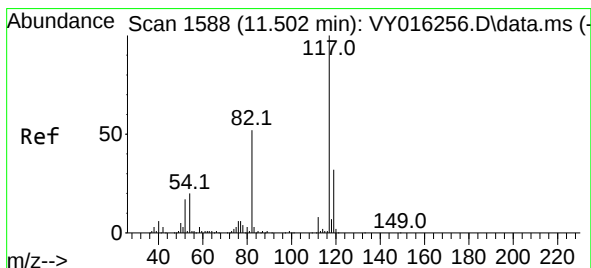
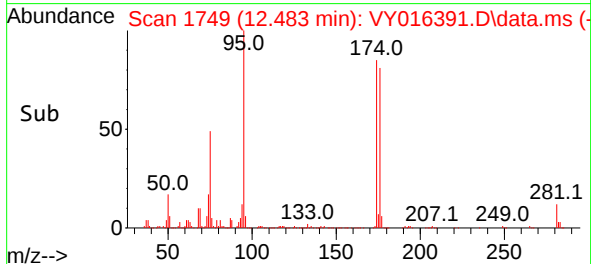
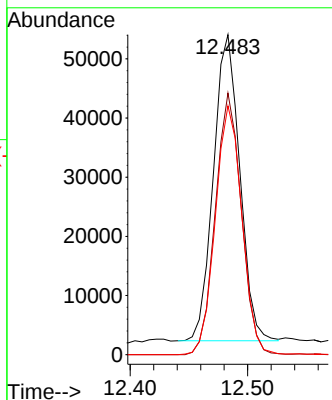
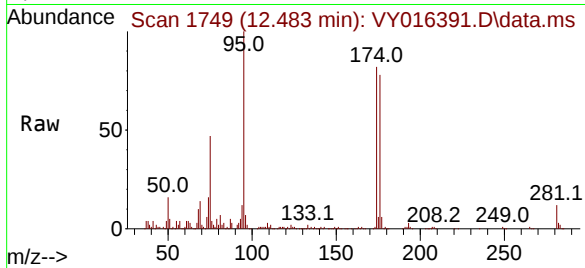




#62
4-Bromofluorobenzene
Concen: 61.351 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016391.D
Acq: 16 Nov 2023 15:40

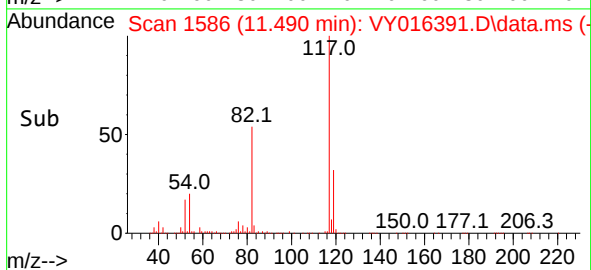
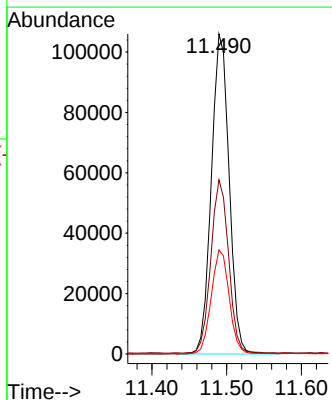
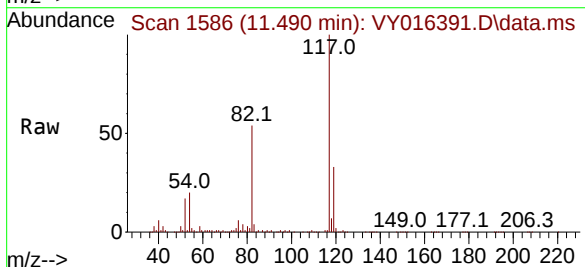
Instrument :
MSVOA_Y
ClientSampleId :
STONE-2

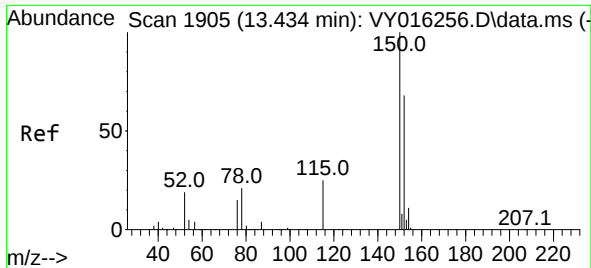
Tgt Ion: 95 Resp: 80530
Ion Ratio Lower Upper
95 100
174 84.3 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.012 min
Lab File: VY016391.D
Acq: 16 Nov 2023 15:40

Tgt Ion: 117 Resp: 175652
Ion Ratio Lower Upper
117 100
82 54.1 43.4 65.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016391.D

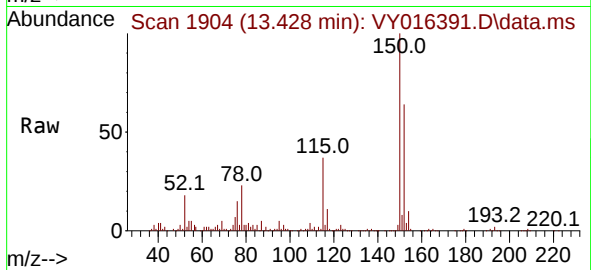
Acq: 16 Nov 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

STONE-2



Tgt Ion:152 Resp: 85228

Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 157.1 0.0 348.8

