

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016392.D
 Acq On : 16 Nov 2023 16:03
 Operator : SY/MD
 Sample : 05418-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONE-3

Quant Time: Nov 17 04:08:10 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)

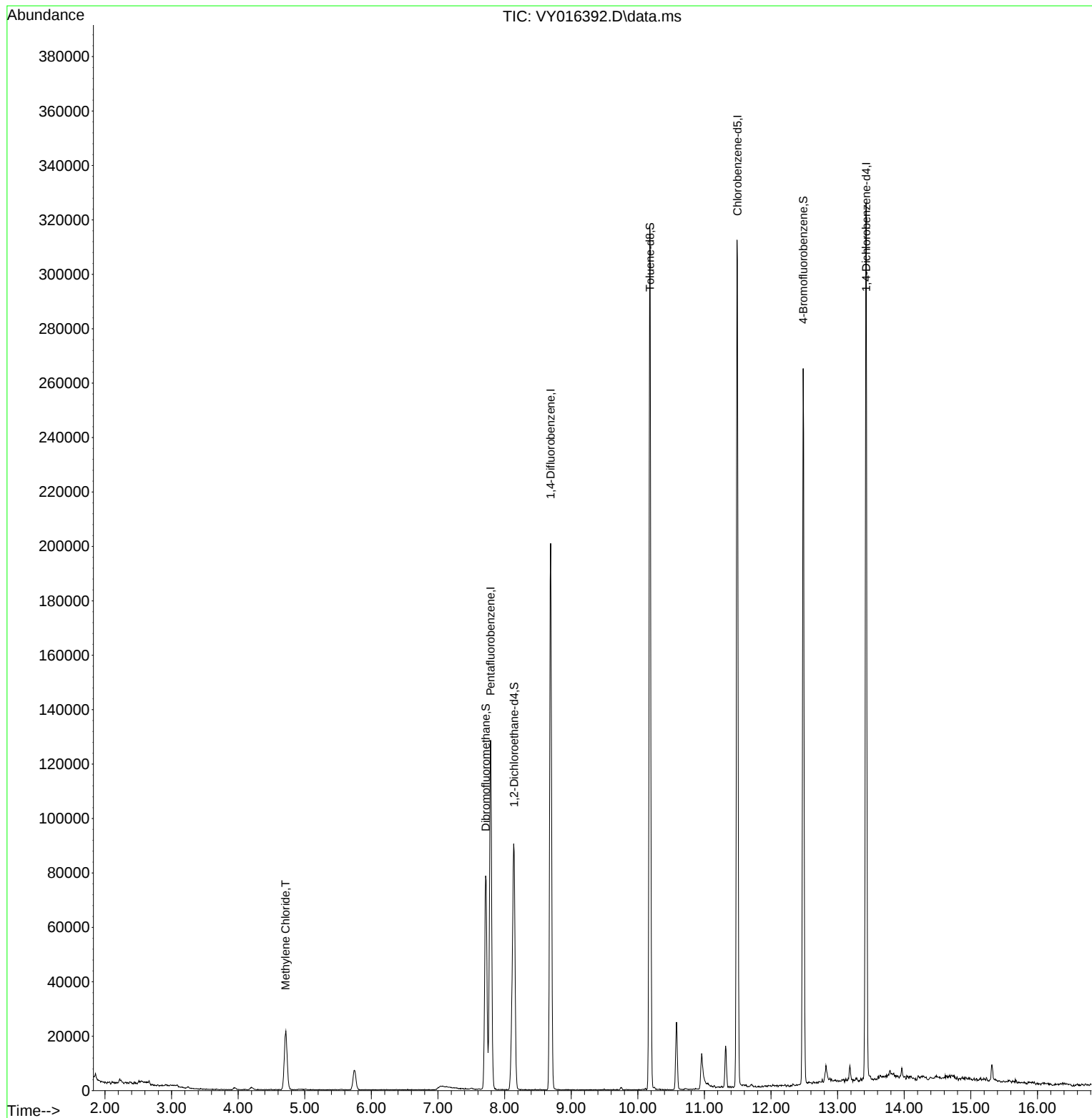
Internal Standards						
1) Pentafluorobenzene	7.789	168	100507	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	178957	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	176728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63404	69.023	ug/l	-0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	=	138.040%	
35) Dibromofluoromethane	7.716	113	56689	55.764	ug/l	-0.02
Spiked Amount	50.000	Range 54 - 147	Recovery	=	111.520%	
50) Toluene-d8	10.185	98	211954	51.414	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	102.820%	
62) 4-Bromofluorobenzene	12.483	95	76715	57.296	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	114.600%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	17124	13.405	ug/l	# 84

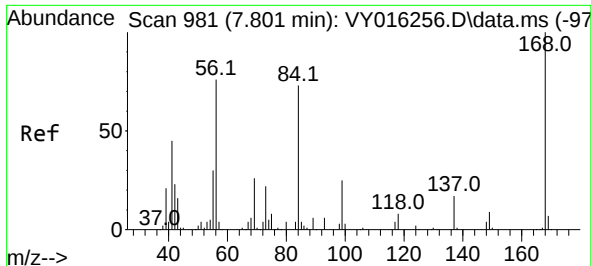
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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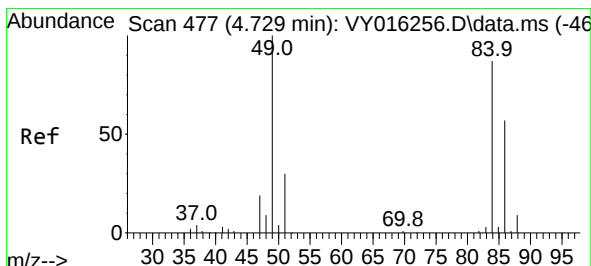
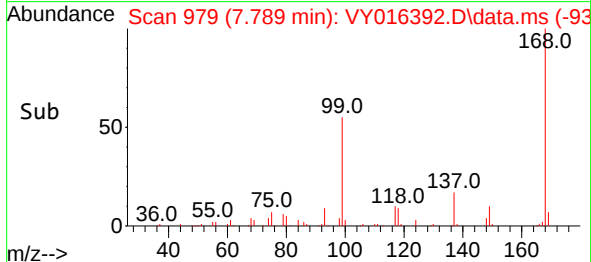
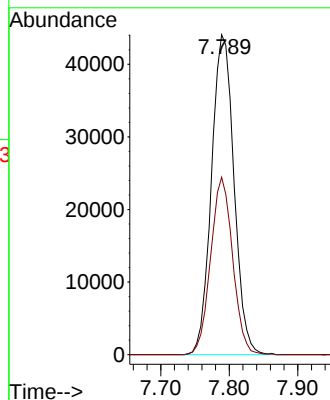
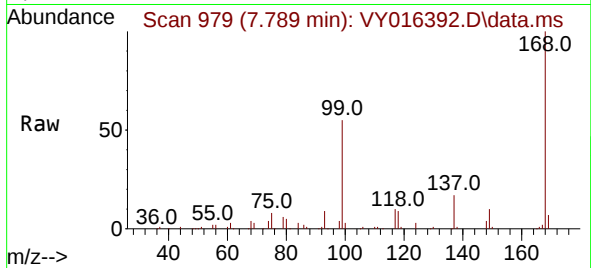




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

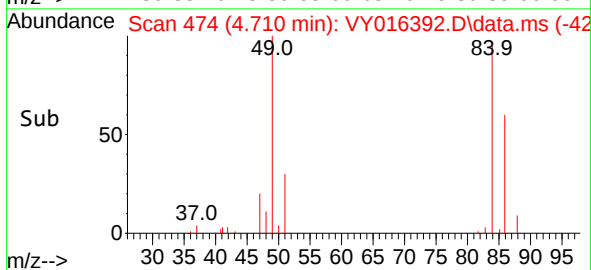
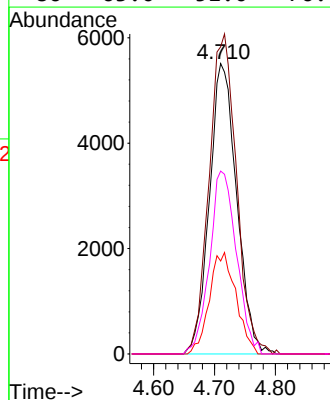
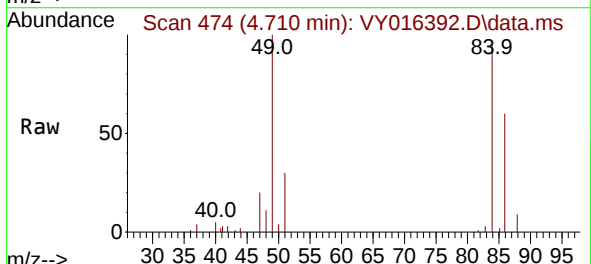
Instrument :
MSVOA_Y
ClientSampleId :
STONE-3

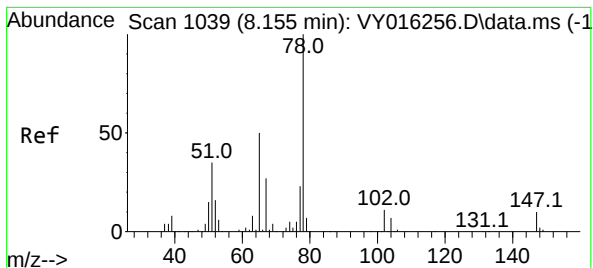
Tgt Ion:168 Resp: 100507
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#20
Methylene Chloride
Concen: 13.405 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

Tgt Ion: 84 Resp: 17124
Ion Ratio Lower Upper
84 100
49 105.8 106.9 160.3#
51 32.0 33.2 49.8#
86 63.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 69.023 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY016392.D

Acq: 16 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

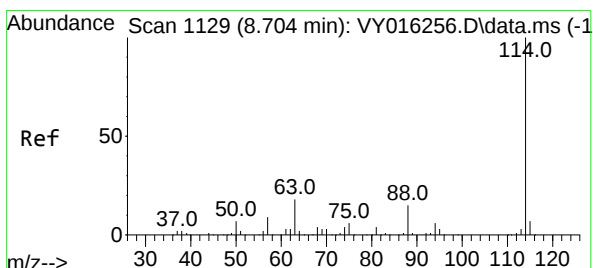
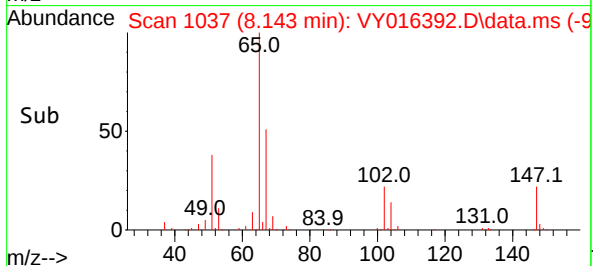
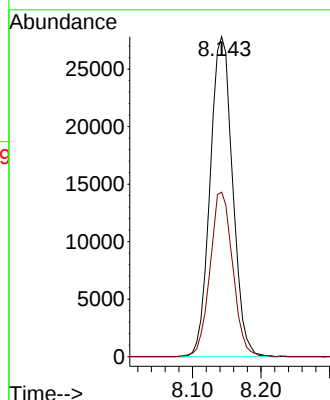
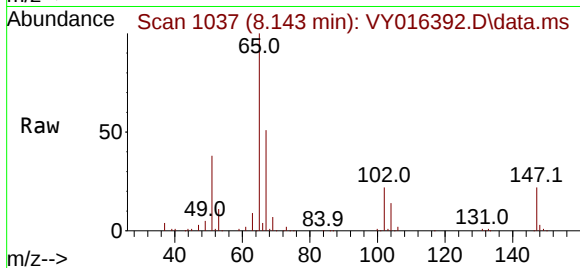
STONE-3

Tgt Ion: 65 Resp: 63404

Ion Ratio Lower Upper

65 100

67 51.9 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: VY016392.D

Acq: 16 Nov 2023 16:03

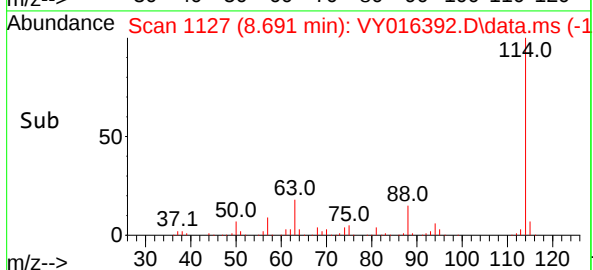
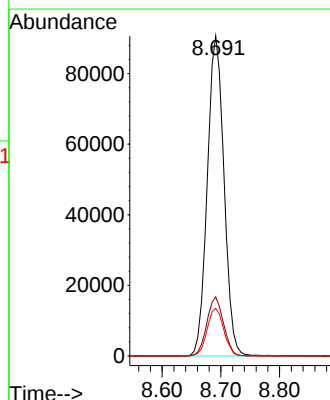
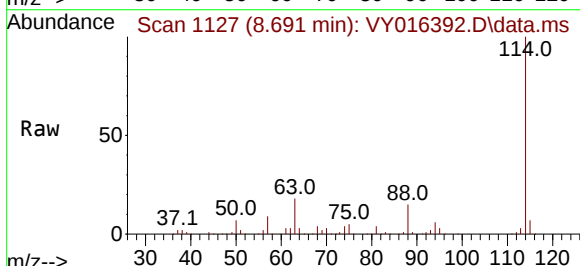
Tgt Ion: 114 Resp: 178957

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

88 14.9 0.0 30.6

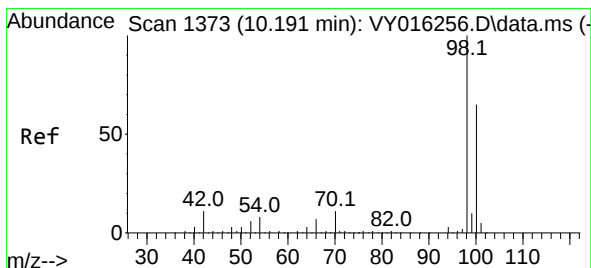
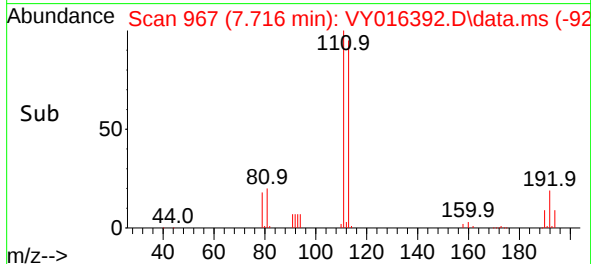
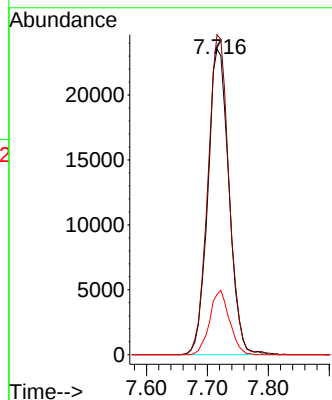
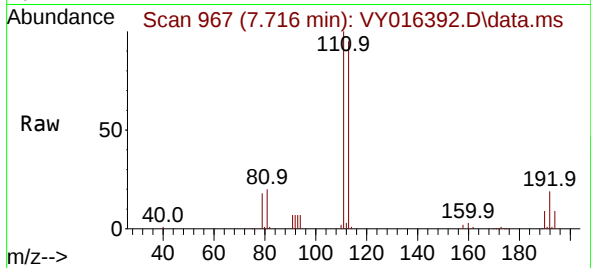




#35
Dibromofluoromethane
Concen: 55.764 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.018 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

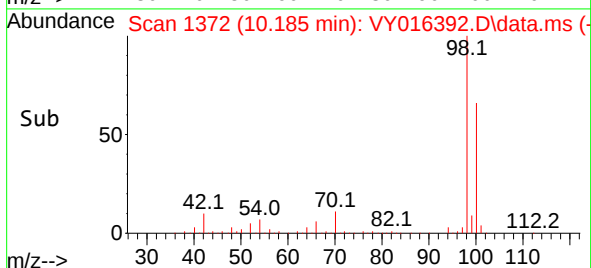
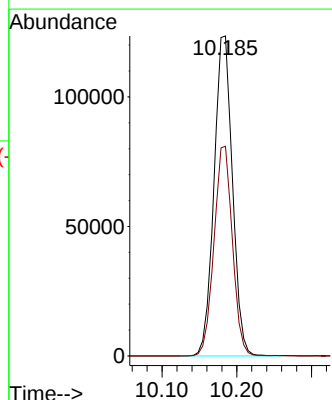
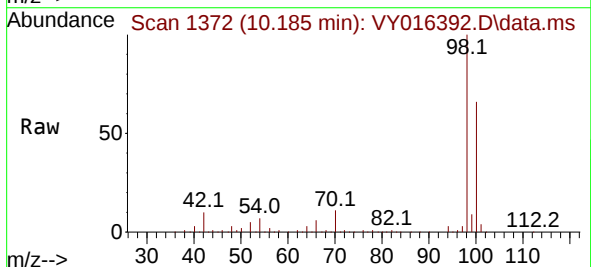
Instrument :
MSVOA_Y
ClientSampleId :
STONE-3

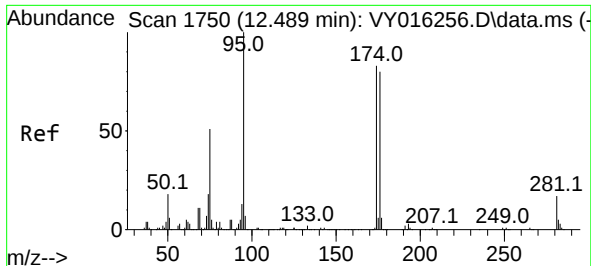
Tgt Ion:113 Resp: 56689
Ion Ratio Lower Upper
113 100
111 104.4 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 51.414 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

Tgt Ion: 98 Resp: 211954
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

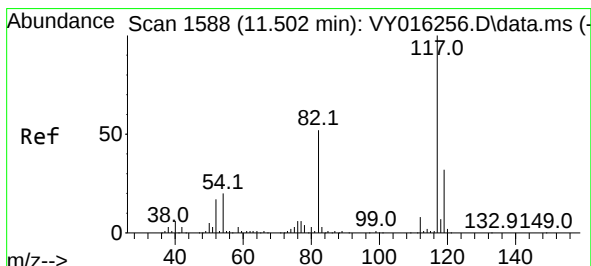
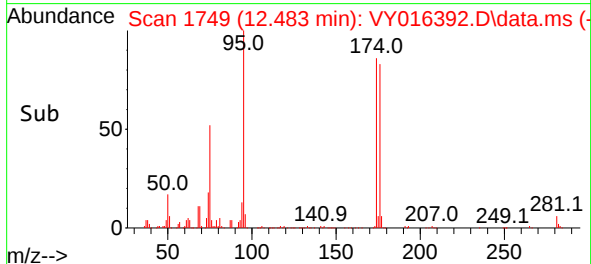
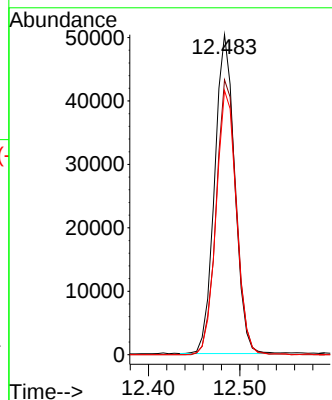
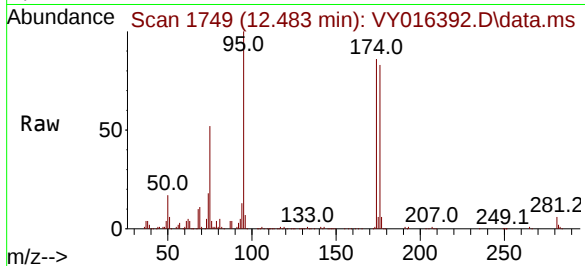




#62
4-Bromofluorobenzene
Concen: 57.296 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

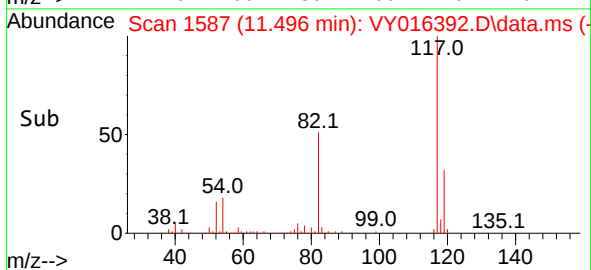
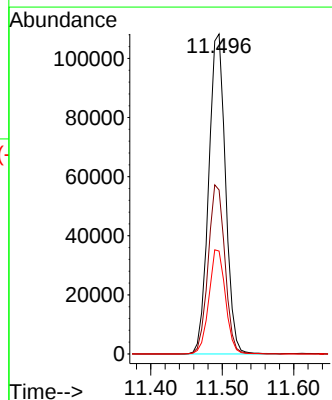
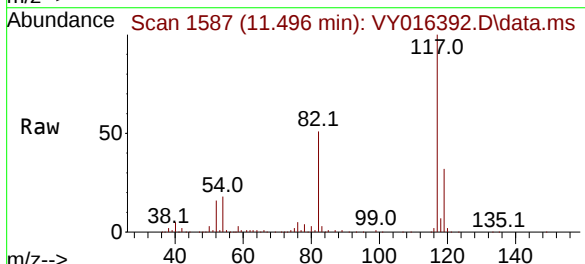
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 95 Resp: 76715
Ion Ratio Lower Upper
95 100
174 87.2 0.0 178.2
176 84.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016392.D
Acq: 16 Nov 2023 16:03

Tgt Ion: 117 Resp: 176728
Ion Ratio Lower Upper
117 100
82 51.3 43.4 65.0
119 32.2 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: VY016392.D

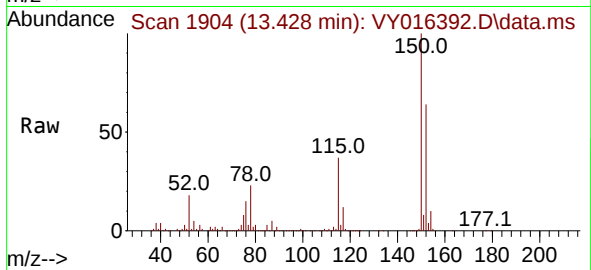
Acq: 16 Nov 2023 16:03

Instrument :

MSVOA_Y

ClientSampleId :

STONE-3



Tgt Ion:152 Resp: 84265

Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 156.9 0.0 348.8

