

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111623\
 Data File : VY016390.D
 Acq On : 16 Nov 2023 15:17
 Operator : SY/MD
 Sample : 05418-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONE-1

Quant Time: Nov 17 04:07:24 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)

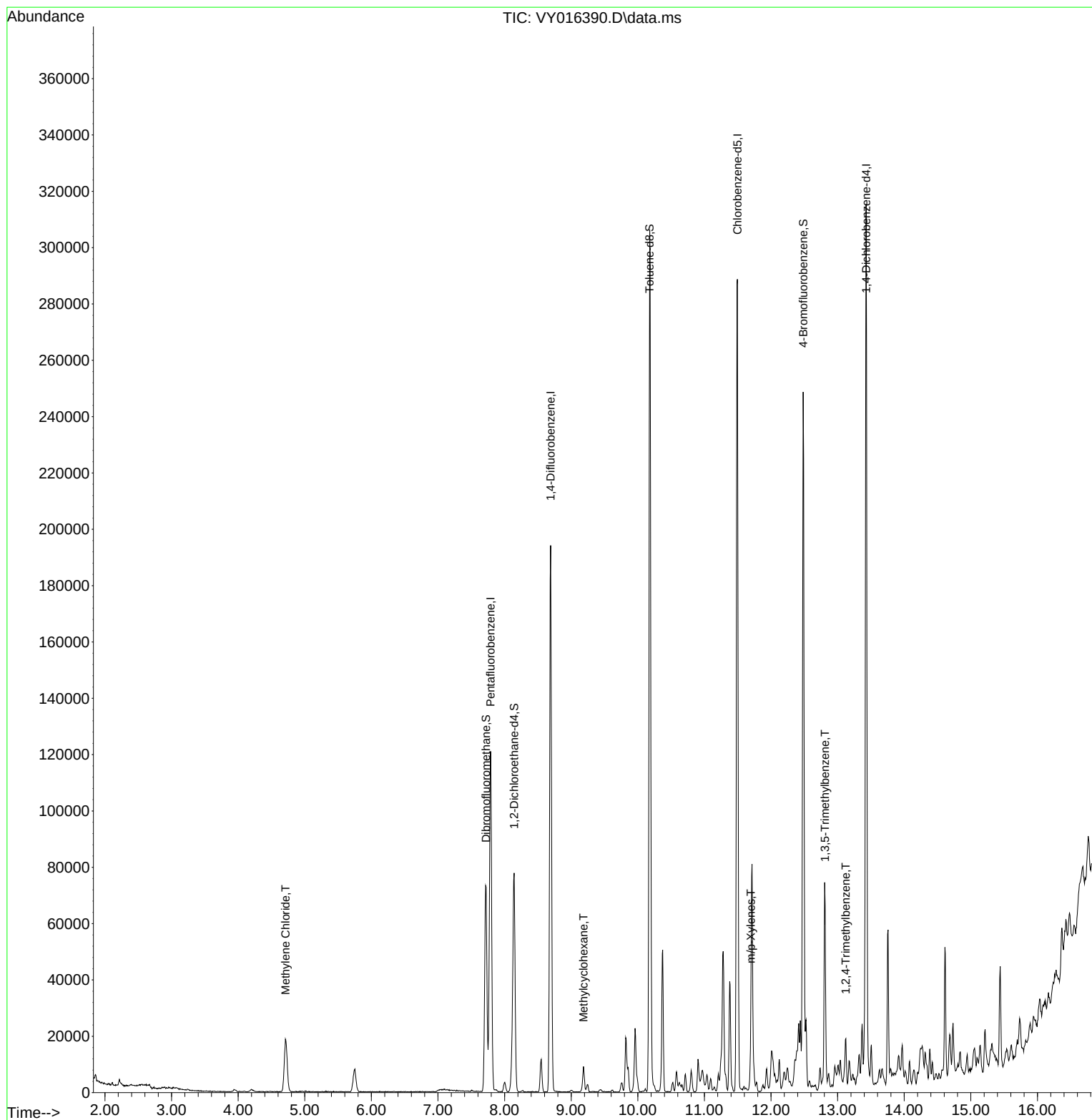
Internal Standards						
1) Pentafluorobenzene	7.789	168	94813	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	170836	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	165657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57750	66.643	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.280%
35) Dibromofluoromethane	7.722	113	52899	54.509	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.020%
50) Toluene-d8	10.179	98	201963	51.320	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.640%
62) 4-Bromofluorobenzene	12.483	95	74107	57.979	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	115.960%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	14801	11.969	ug/l	91
39) Methylcyclohexane	9.185	83	2679	1.276	ug/l	93
68) m/p-Xylenes	11.697	106	4691	1.944	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	6014	1.170	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	8663	1.712	ug/l	97

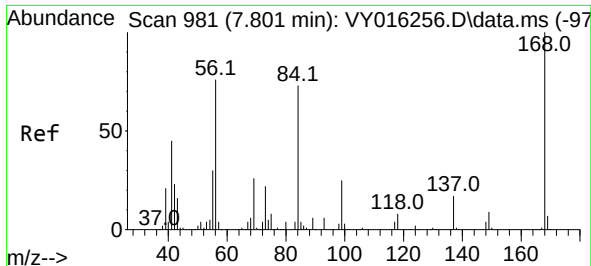
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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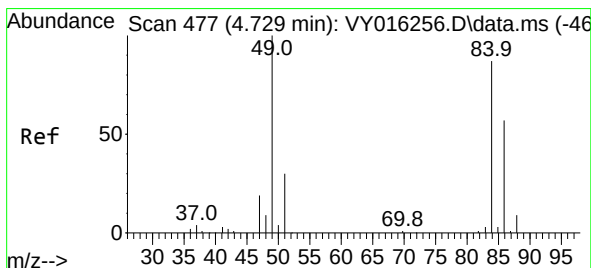
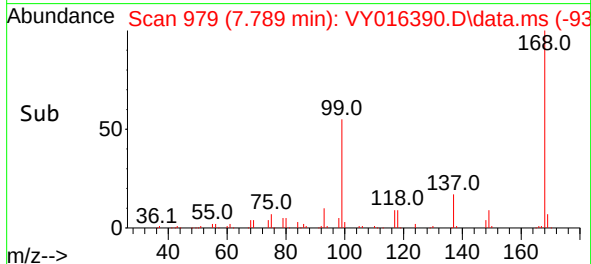
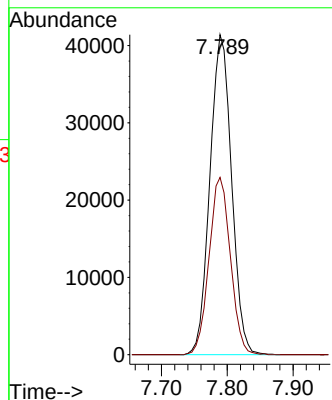
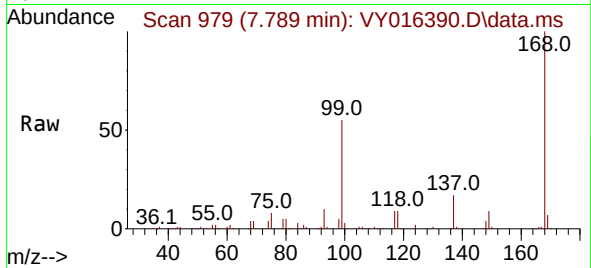




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016390.D
Acq: 16 Nov 2023 15:17

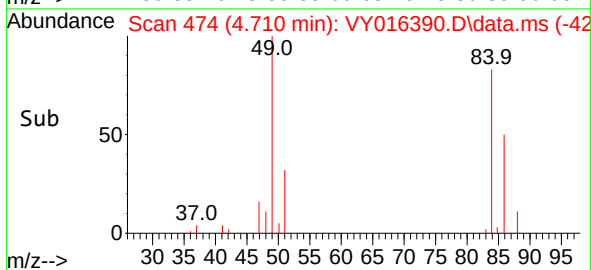
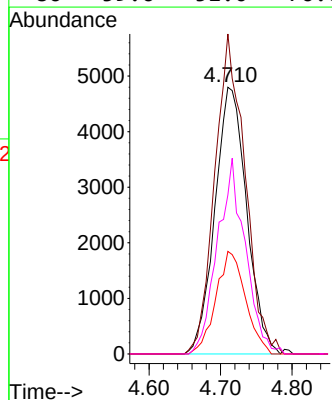
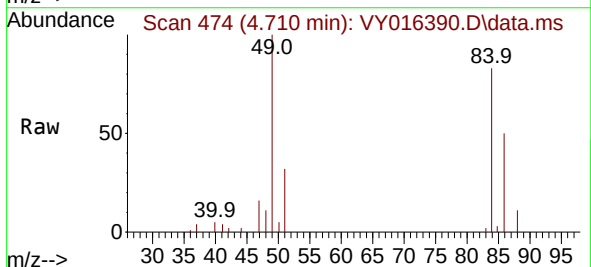
Instrument :
MSVOA_Y
ClientSampleId :
STONE-1

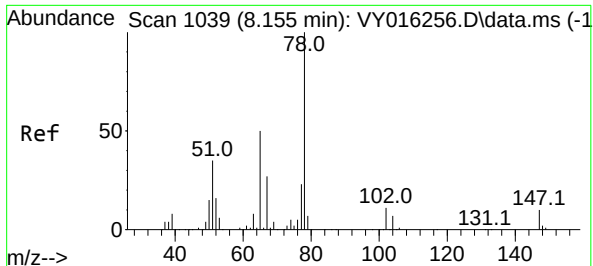
Tgt Ion:168 Resp: 94813
Ion Ratio Lower Upper
168 100
99 55.4 43.4 65.0



#20
Methylene Chloride
Concen: 11.969 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016390.D
Acq: 16 Nov 2023 15:17

Tgt Ion: 84 Resp: 14801
Ion Ratio Lower Upper
84 100
49 120.0 106.9 160.3
51 38.4 33.2 49.8
86 59.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 66.643 ug/l

RT: 8.143 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VY016390.D

Acq: 16 Nov 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

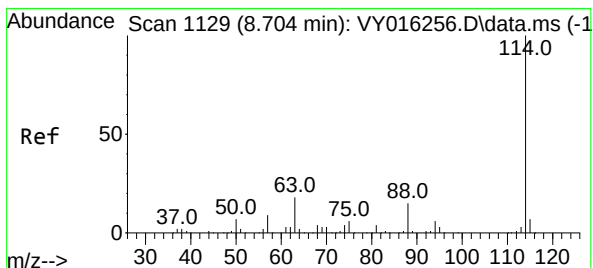
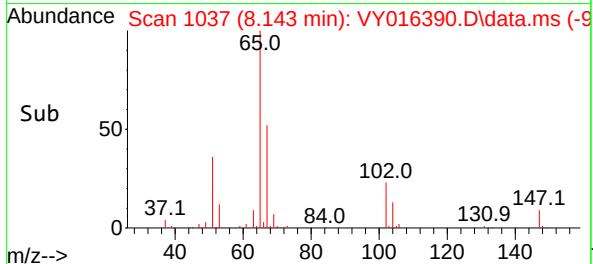
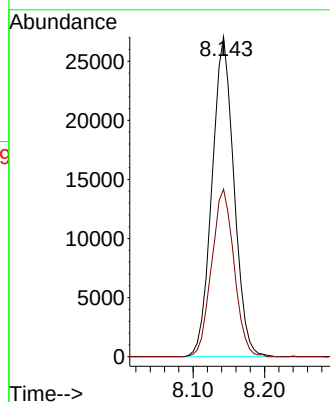
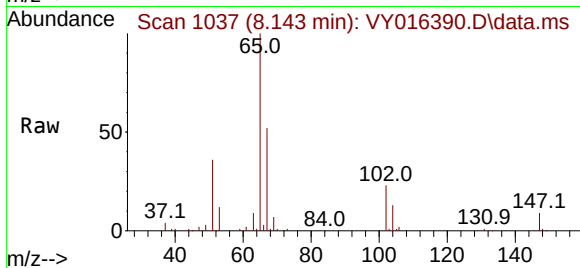
STONE-1

Tgt Ion: 65 Resp: 57750

Ion Ratio Lower Upper

65 100

67 53.5 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: VY016390.D

Acq: 16 Nov 2023 15:17

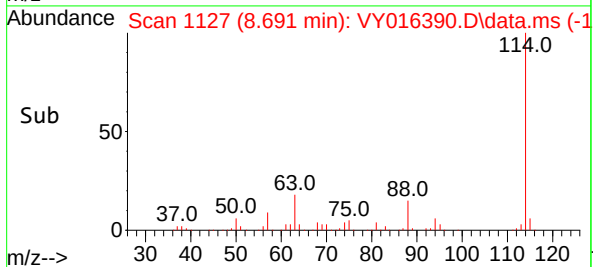
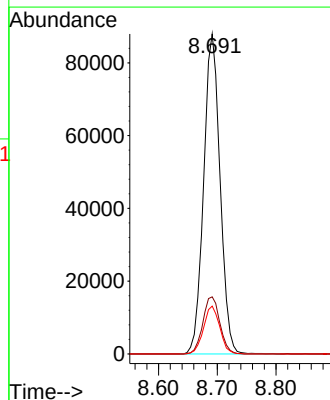
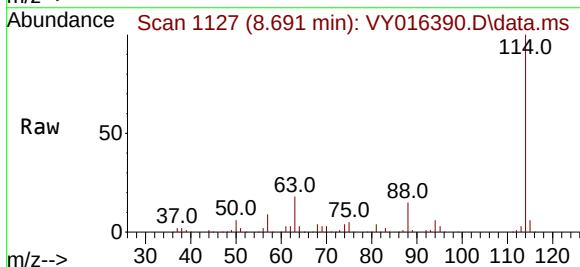
Tgt Ion: 114 Resp: 170836

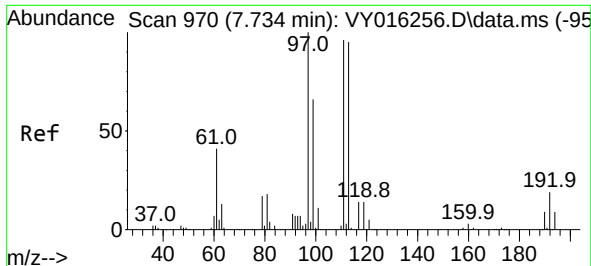
Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 15.0 0.0 30.6

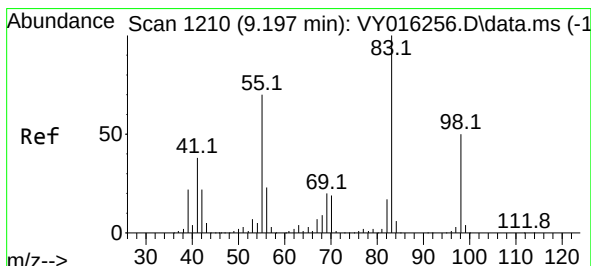
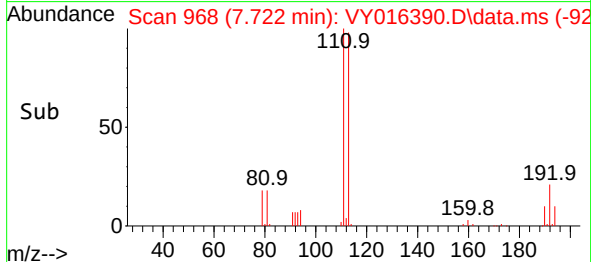
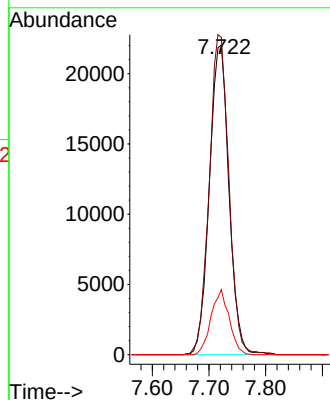
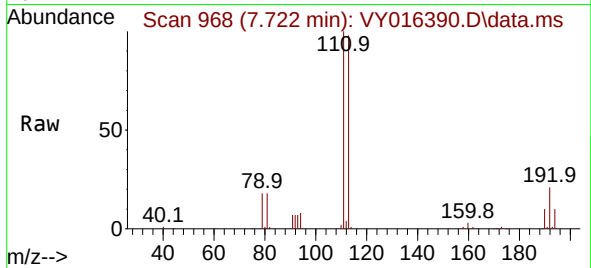




#35
Dibromofluoromethane
Concen: 54.509 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016390.D
Acq: 16 Nov 2023 15:17

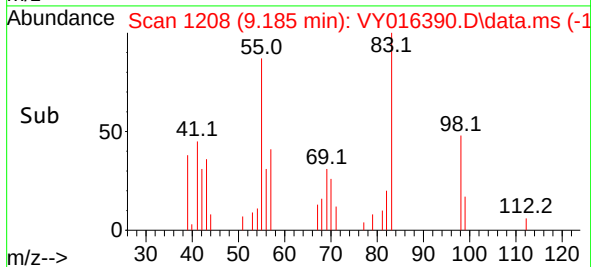
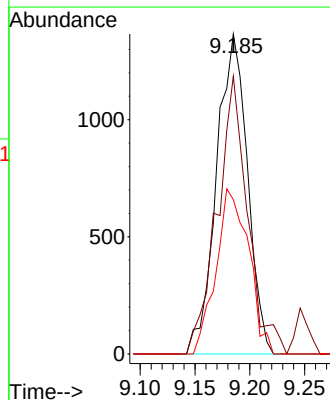
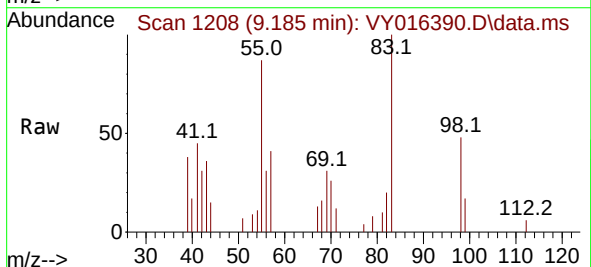
Instrument :
MSVOA_Y
ClientSampleId :
STONE-1

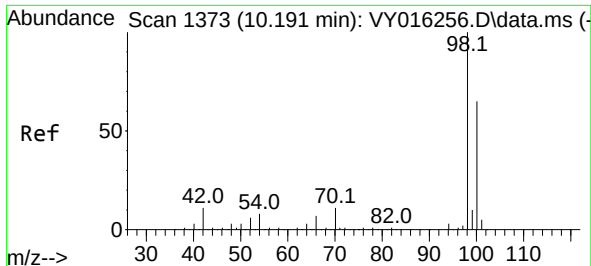
Tgt Ion:113 Resp: 52899
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.5 16.9 25.3



#39
Methylcyclohexane
Concen: 1.276 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.012 min
Lab File: VY016390.D
Acq: 16 Nov 2023 15:17

Tgt Ion: 83 Resp: 2679
Ion Ratio Lower Upper
83 100
55 86.8 63.0 94.4
98 48.2 37.4 56.2

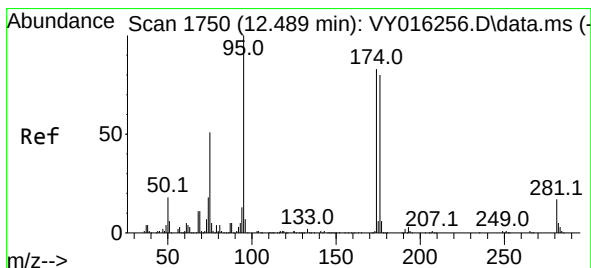
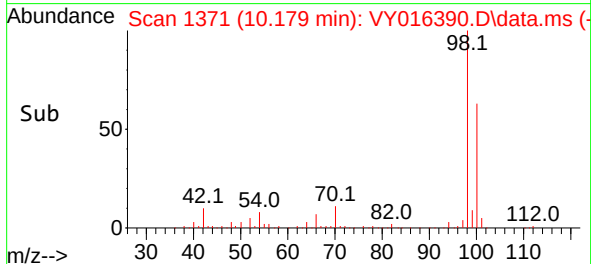
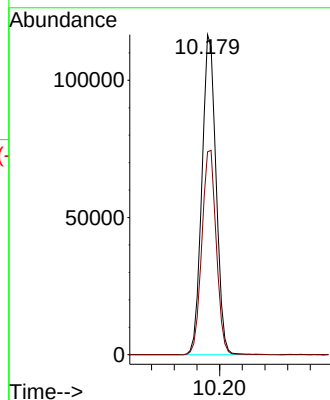
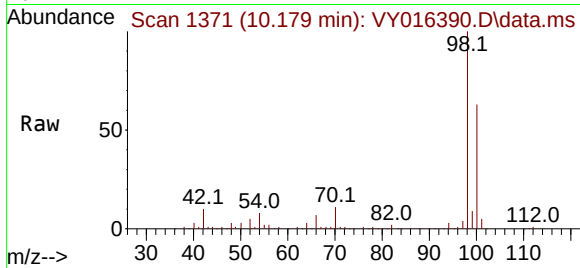




#50
Toluene-d8
Concen: 51.320 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016390.D
Acq: 16 Nov 2023 15:17

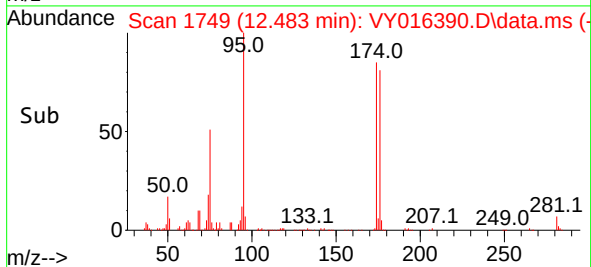
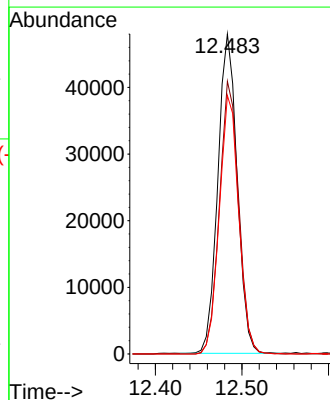
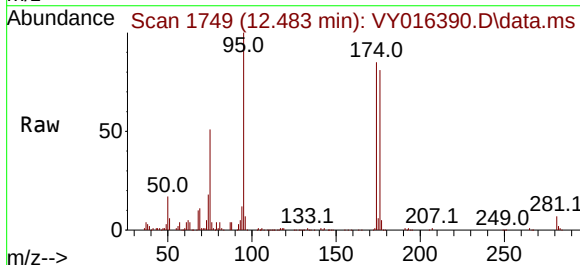
Instrument :
MSVOA_Y
ClientSampleId :
STONE-1

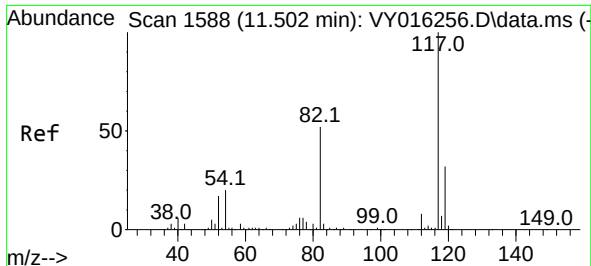
Tgt Ion: 98 Resp: 201963
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 57.979 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016390.D
Acq: 16 Nov 2023 15:17

Tgt Ion: 95 Resp: 74107
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 81.5 0.0 173.8

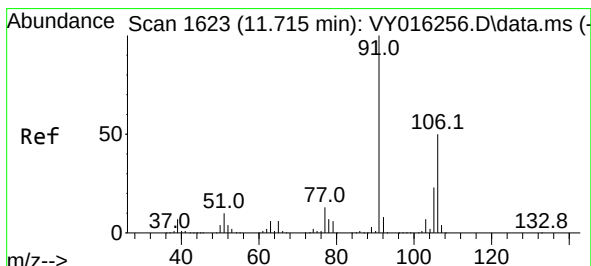
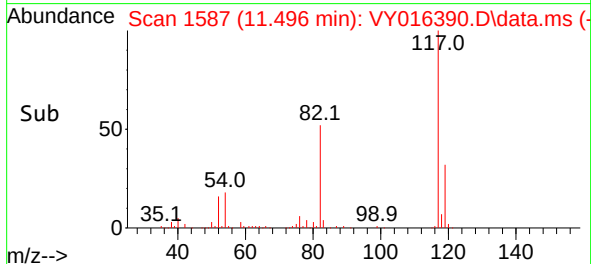
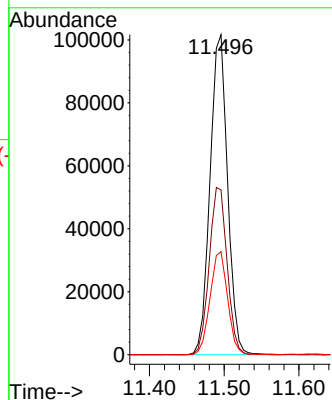
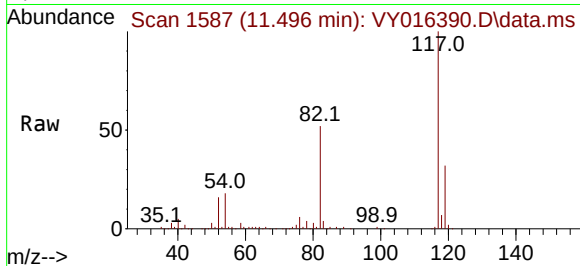




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016390.D
Acq: 16 Nov 2023 15:17

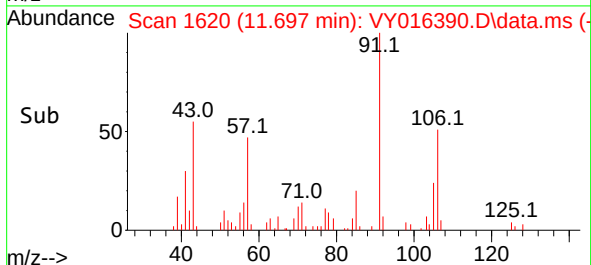
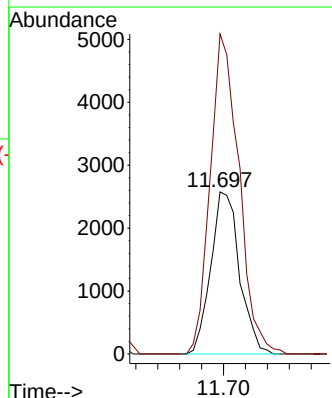
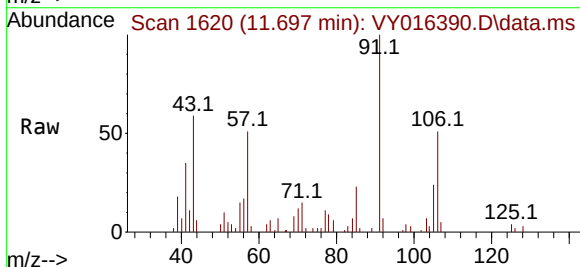
Instrument :
MSVOA_Y
ClientSampleId :
STONE-1

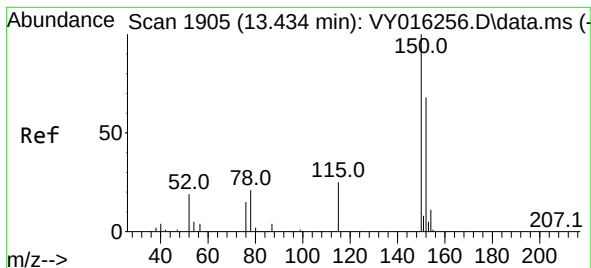
Tgt Ion:117 Resp: 165657
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 32.2 26.3 39.5



#68
m/p-Xylenes
Concen: 1.944 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.018 min
Lab File: VY016390.D
Acq: 16 Nov 2023 15:17

Tgt Ion:106 Resp: 4691
Ion Ratio Lower Upper
106 100
91 197.8 166.1 249.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016390.D

Acq: 16 Nov 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

STONE-1

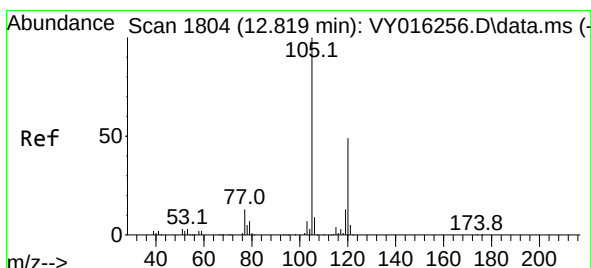
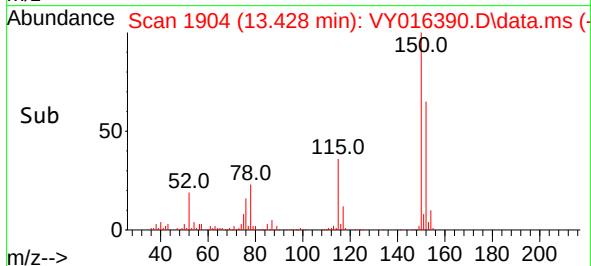
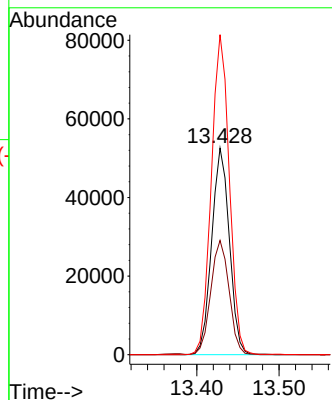
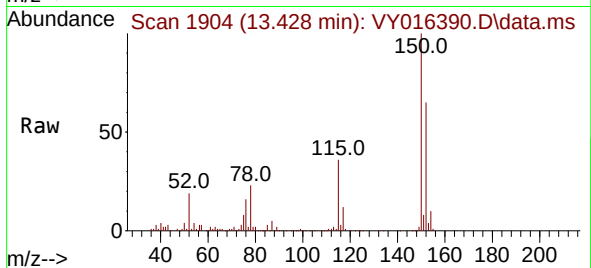
Tgt Ion:152 Resp: 78704

Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 157.1 0.0 348.8



#80

1,3,5-Trimethylbenzene

Concen: 1.170 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY016390.D

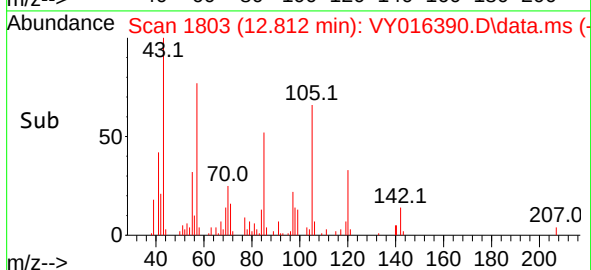
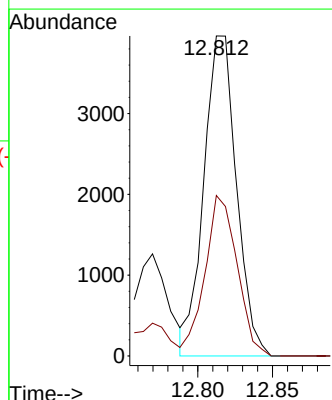
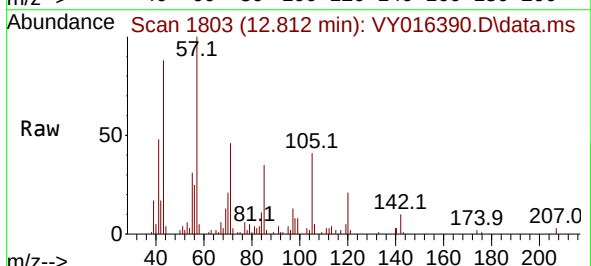
Acq: 16 Nov 2023 15:17

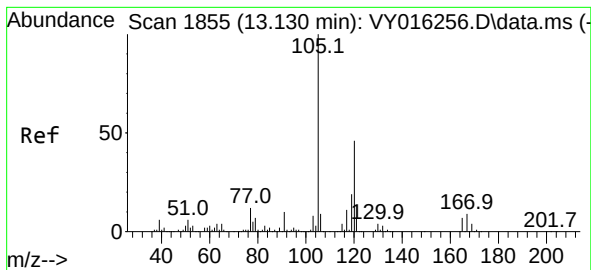
Tgt Ion:105 Resp: 6014

Ion Ratio Lower Upper

105 100

120 49.4 23.9 71.7





#84

1,2,4-Trimethylbenzene

Concen: 1.712 ug/l

RT: 13.123 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016390.D

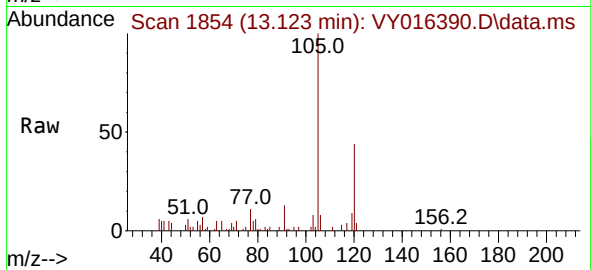
Acq: 16 Nov 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

STONE-1



Tgt Ion:105 Resp: 8663

Ion Ratio Lower Upper

105 100

120 42.3 22.2 66.6

