

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016874.D
 Acq On : 27 Dec 2023 13:49
 Operator : SY/MD
 Sample : 06027-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STONES

Quant Time: Dec 28 03:44:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	99039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	217248	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	231108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56675	62.685	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.380%
35) Dibromofluoromethane	7.722	113	60640	48.728	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.460%
50) Toluene-d8	10.185	98	241042	53.731	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.460%
62) 4-Bromofluorobenzene	12.489	95	62084	42.657	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.320%

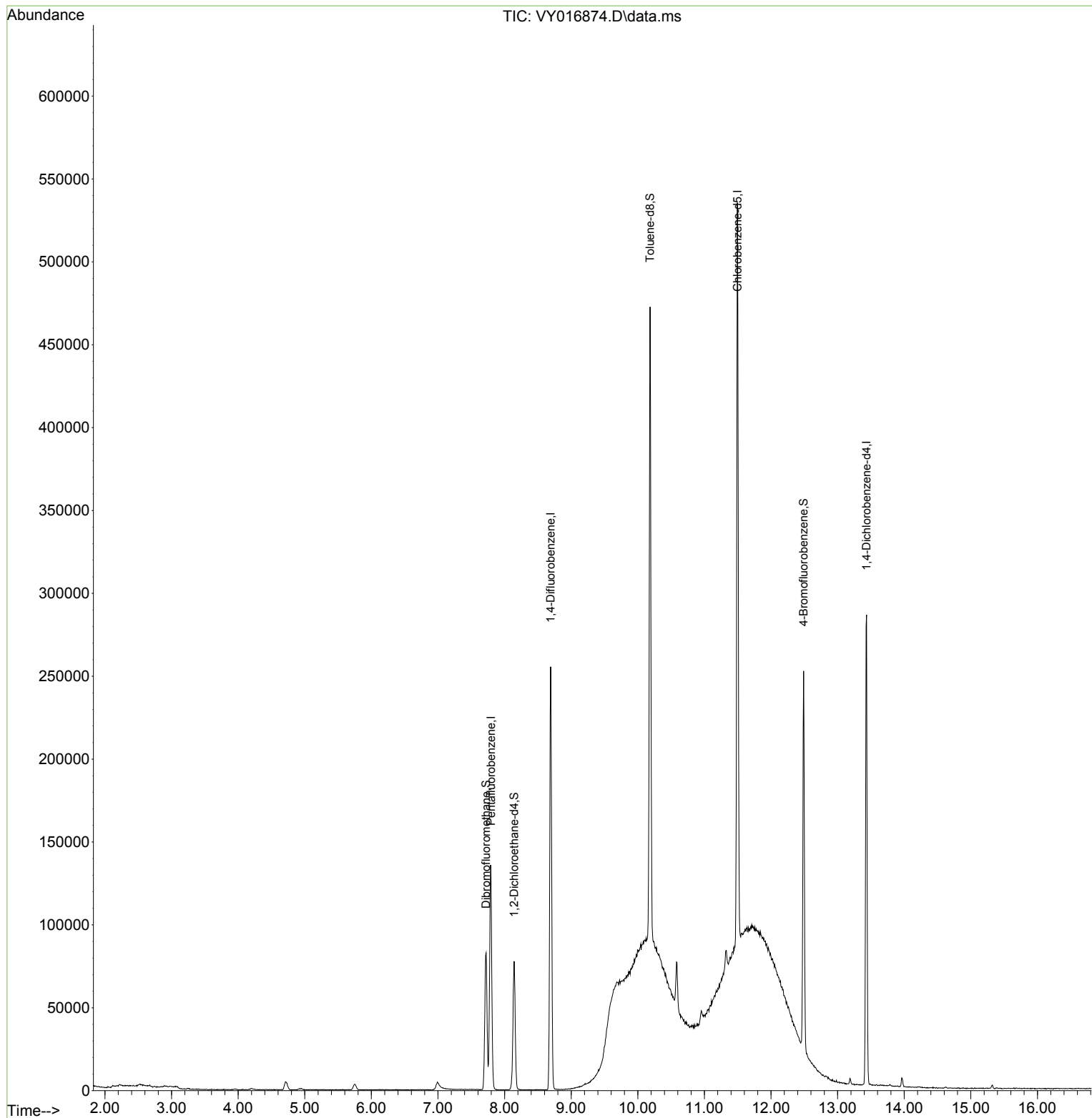
Target Compounds	Qvalue

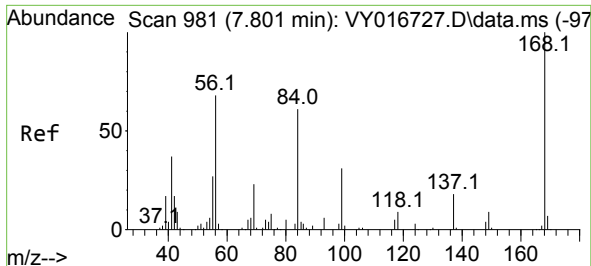
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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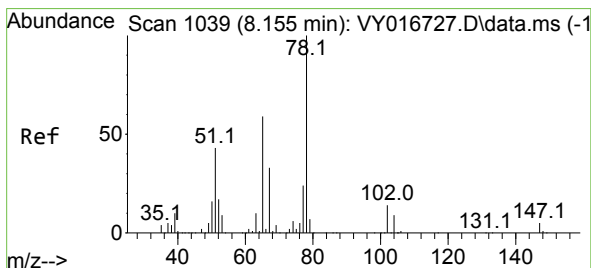
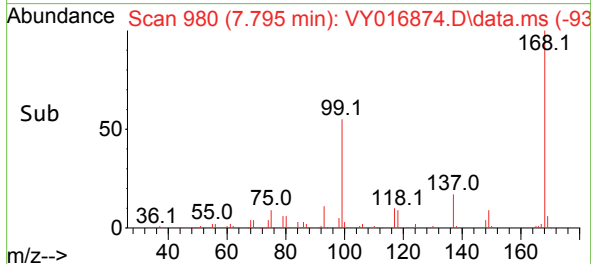
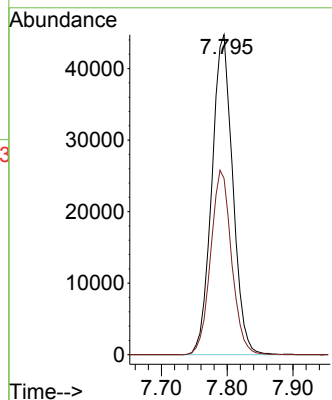
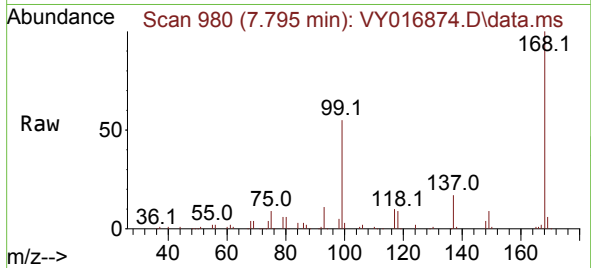




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

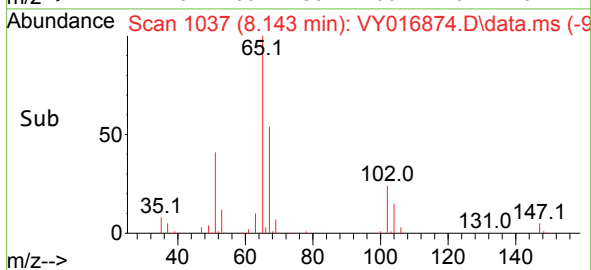
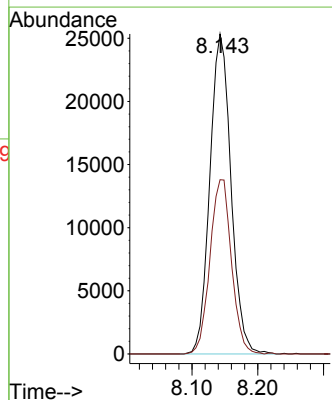
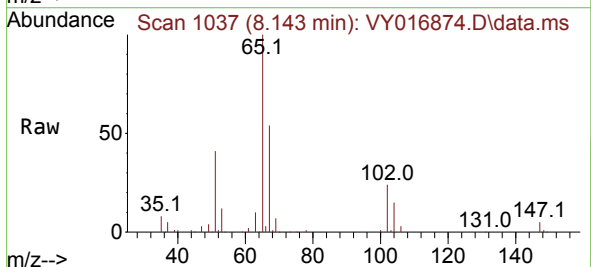
Instrument :
MSVOA_Y
ClientSampleId :
STONES

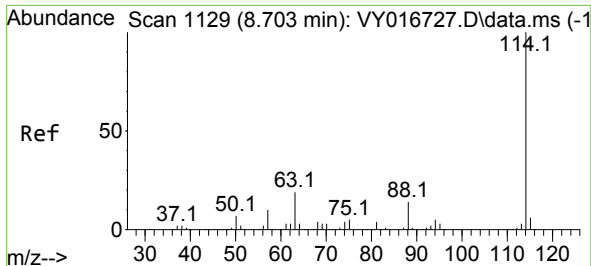
Tgt Ion:168 Resp: 99039
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 62.685 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

Tgt Ion: 65 Resp: 56675
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY016874.D

Acq: 27 Dec 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

STONES

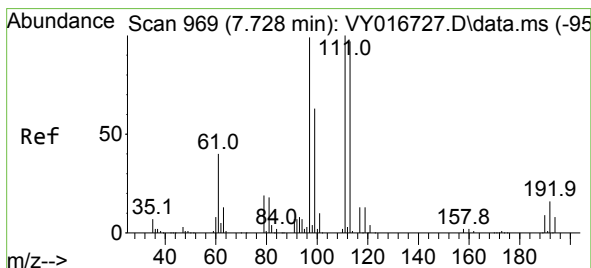
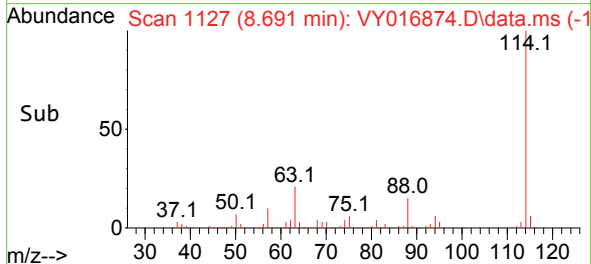
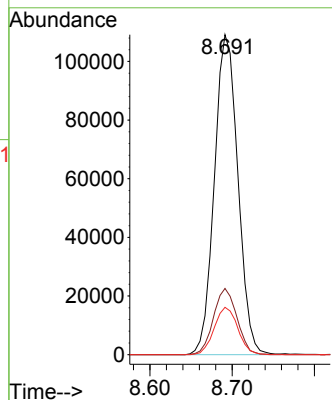
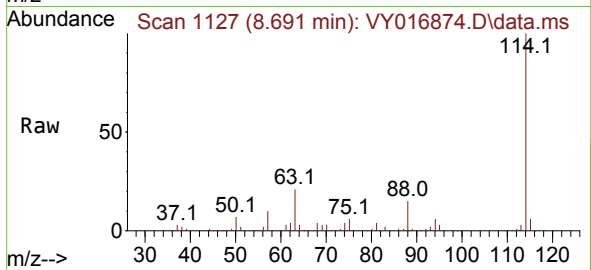
Tgt Ion:114 Resp: 217248

Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.728 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY016874.D

Acq: 27 Dec 2023 13:49

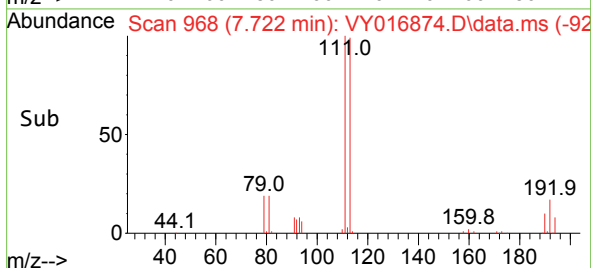
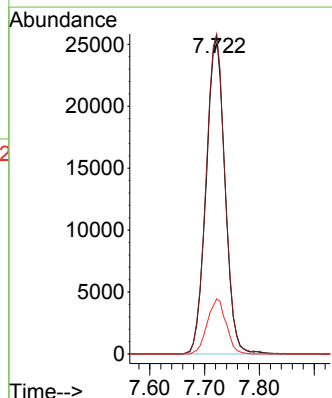
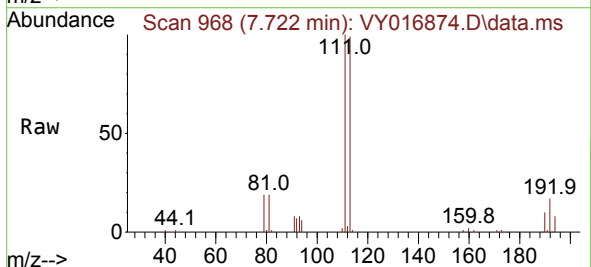
Tgt Ion:113 Resp: 60640

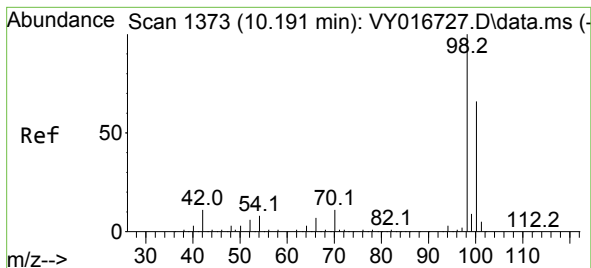
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 17.4 14.5 21.7





#50

Toluene-d8

Concen: 53.731 ug/l

RT: 10.185 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016874.D

Acq: 27 Dec 2023 13:49

Instrument :

MSVOA_Y

ClientSampleId :

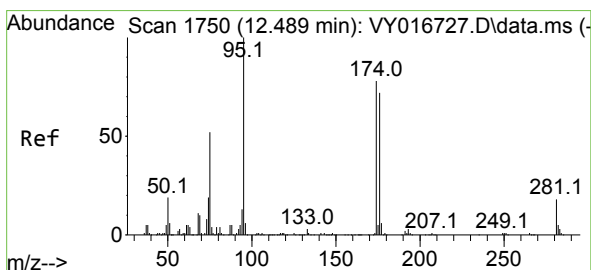
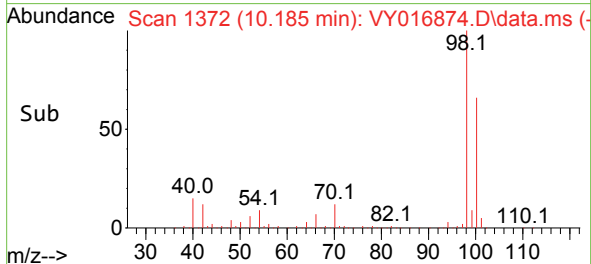
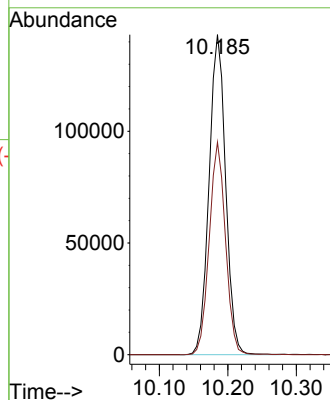
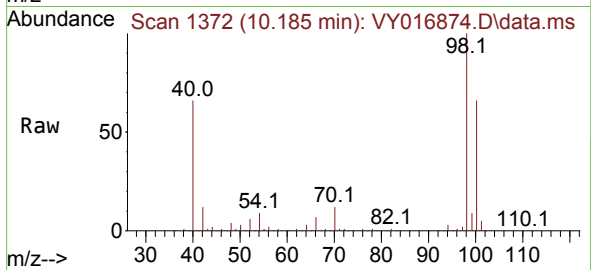
STONES

Tgt Ion: 98 Resp: 241042

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 42.657 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY016874.D

Acq: 27 Dec 2023 13:49

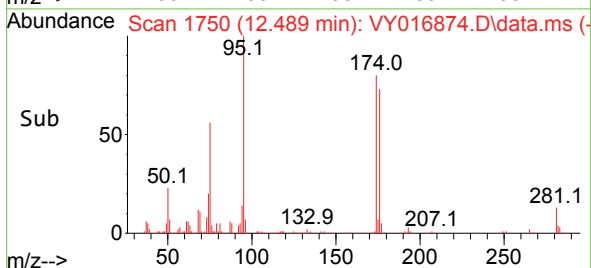
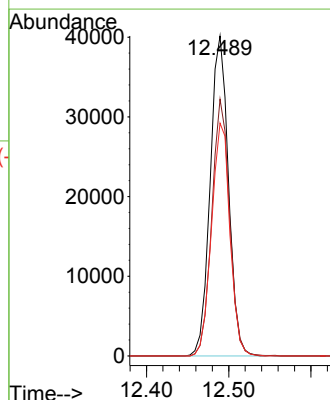
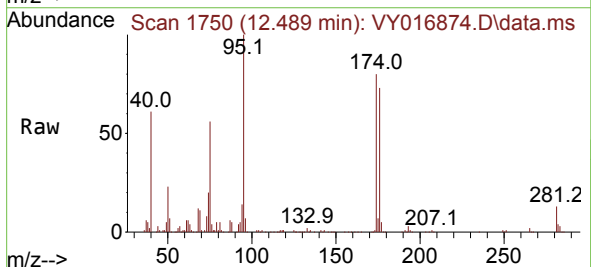
Tgt Ion: 95 Resp: 62084

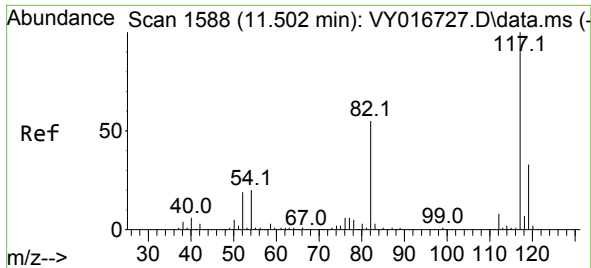
Ion Ratio Lower Upper

95 100

174 78.2 0.0 160.0

176 73.4 0.0 151.8

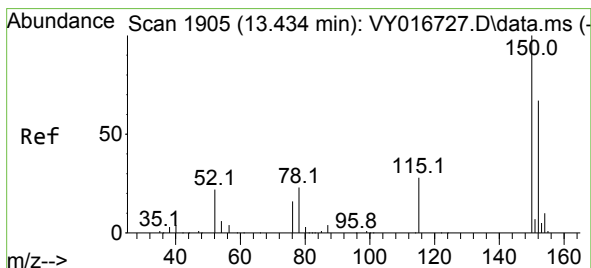
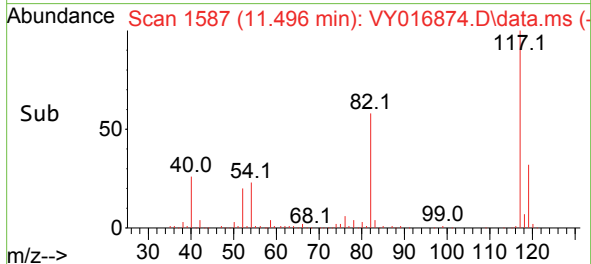
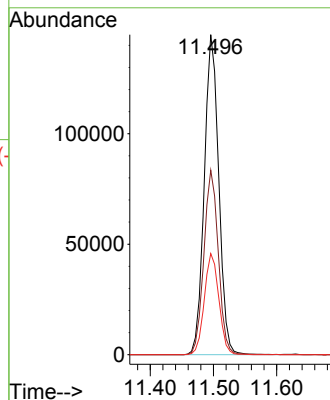
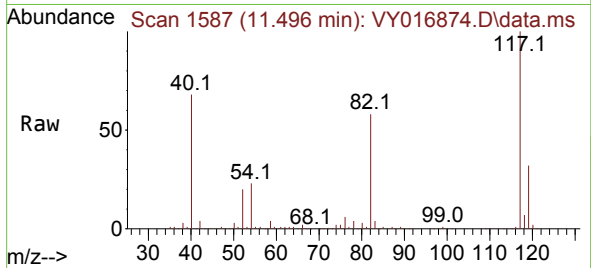




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

Instrument :
MSVOA_Y
ClientSampleId :
STONES

Tgt Ion:117 Resp: 231108
Ion Ratio Lower Upper
117 100
82 57.7 43.8 65.8
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016874.D
Acq: 27 Dec 2023 13:49

Tgt Ion:152 Resp: 68917
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 158.1 0.0 344.6

