

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013650.D
 Acq On : 08 May 2023 15:35
 Operator : KP/MD
 Sample : 02659-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DGA-CRUSHED-STONE

Quant Time: May 09 04:57:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

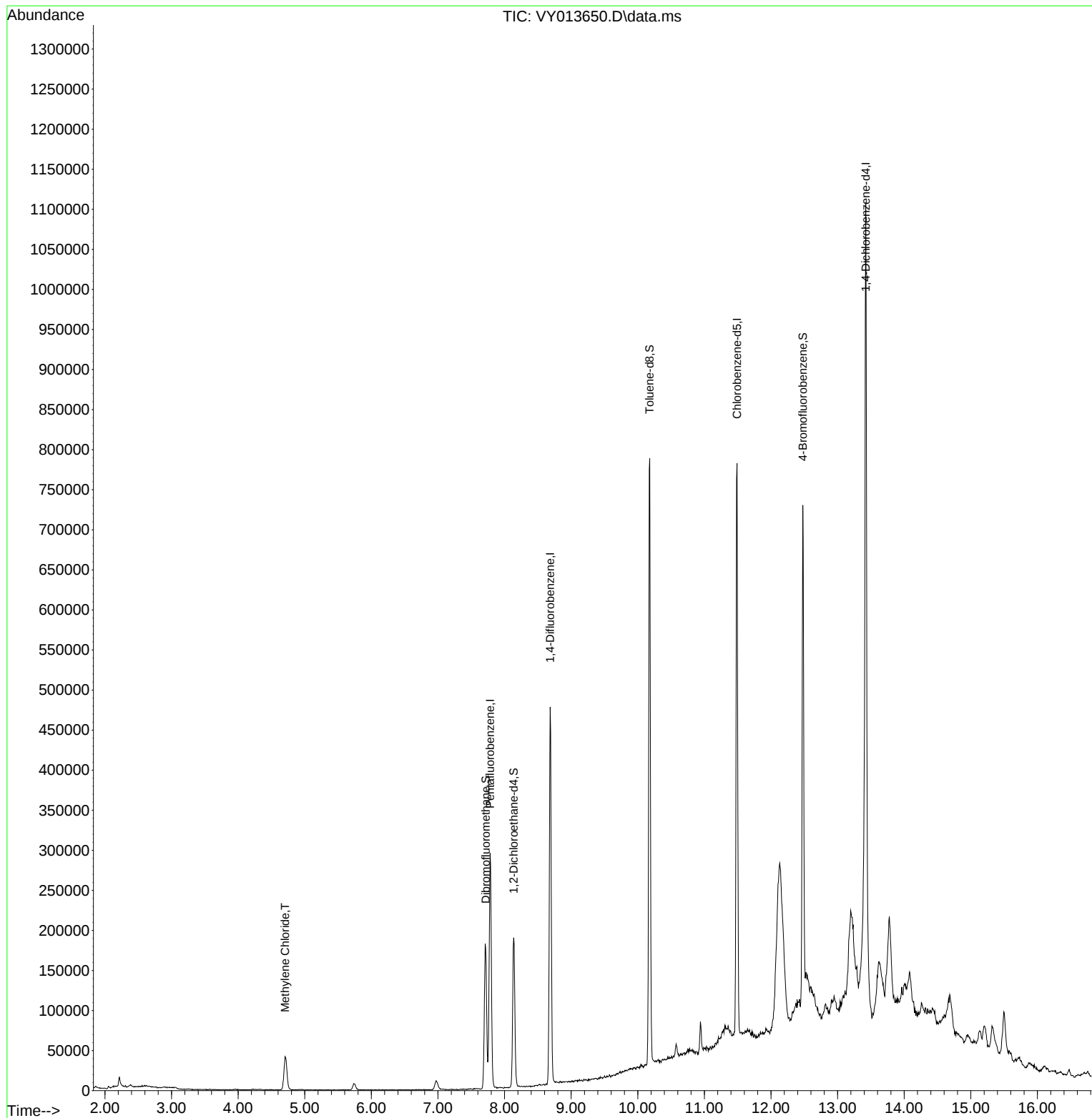
Internal Standards						
1) Pentafluorobenzene	7.783	168	225381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	389056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	388818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	189412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	153499	62.128	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.260%	
35) Dibromofluoromethane	7.716	113	127180	51.974	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.940%	
50) Toluene-d8	10.179	98	495583	56.931	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.860%	
62) 4-Bromofluorobenzene	12.477	95	183280	62.454	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 124.900%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	31289	2.595	ug/l	91

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

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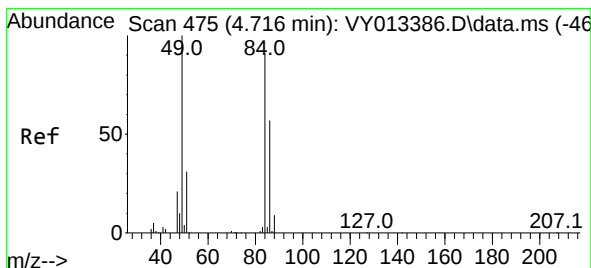
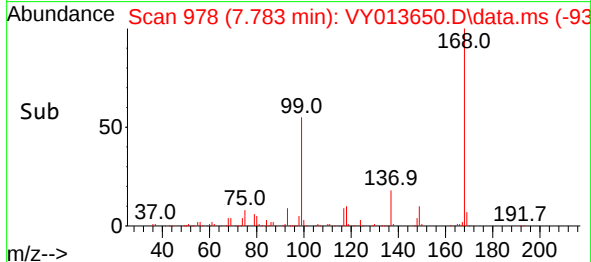
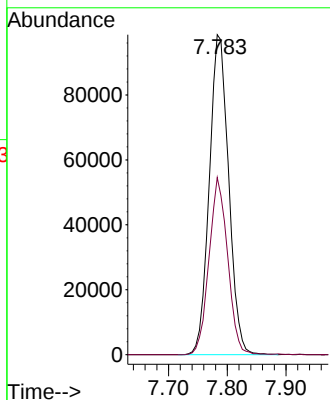
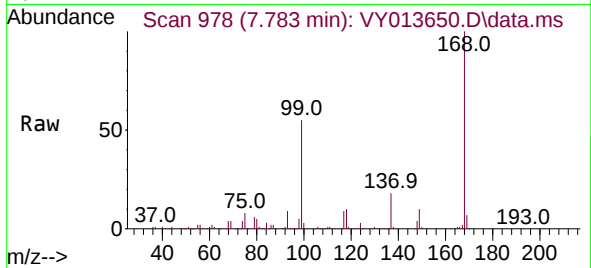




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013650.D
Acq: 08 May 2023 15:35

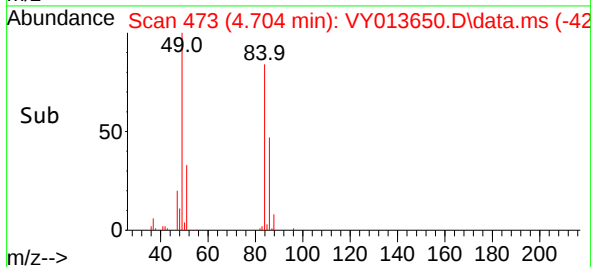
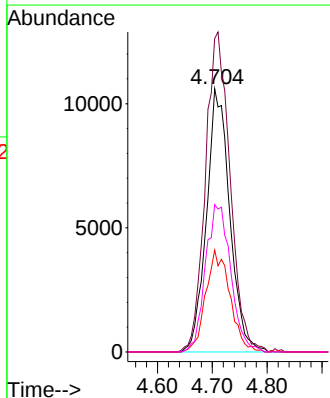
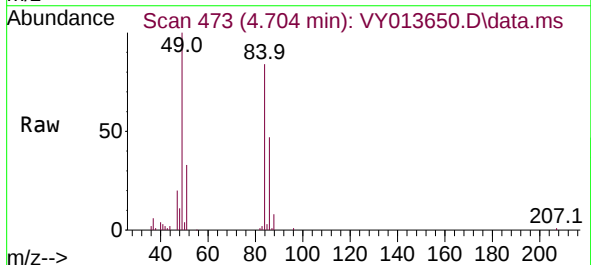
Instrument :
MSVOA_Y
ClientSampleId :
DGA-CRUSHED-STONE

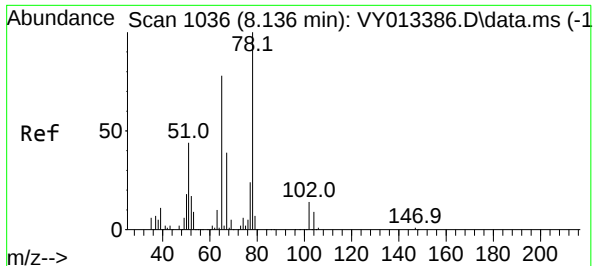
Tgt Ion:168 Resp: 225381
Ion Ratio Lower Upper
168 100
99 55.3 41.8 62.6



#20
Methylene Chloride
Concen: 2.595 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013650.D
Acq: 08 May 2023 15:35

Tgt Ion: 84 Resp: 31289
Ion Ratio Lower Upper
84 100
49 119.1 88.0 132.0
51 38.7 27.4 41.0
86 56.0 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 62.128 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013650.D

Acq: 08 May 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

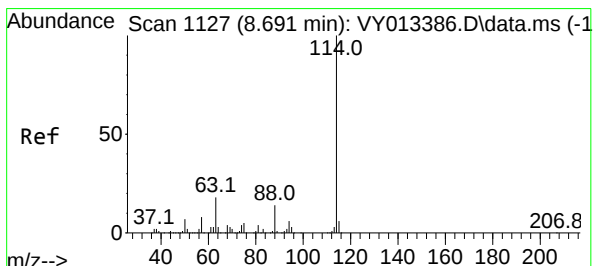
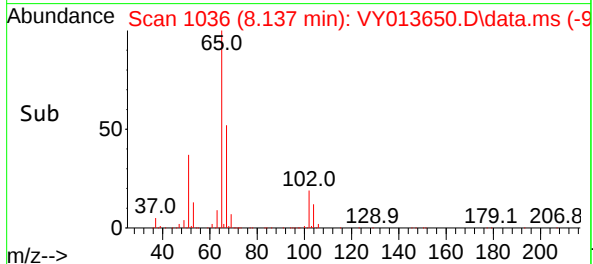
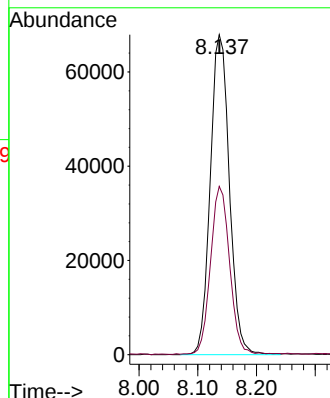
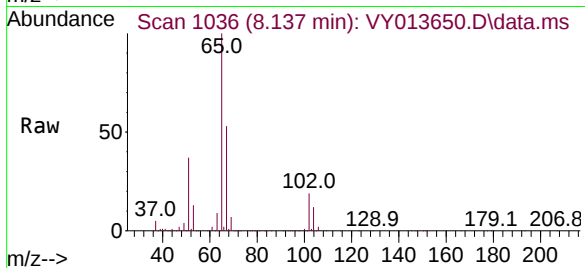
DGA-CRUSHED-STONE

Tgt Ion: 65 Resp: 153499

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013650.D

Acq: 08 May 2023 15:35

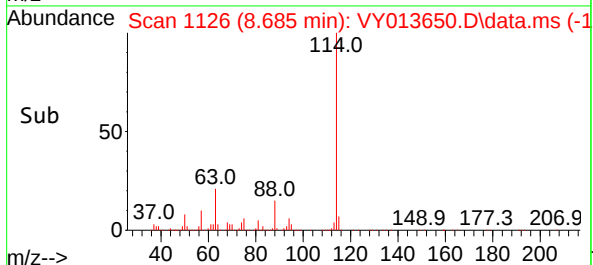
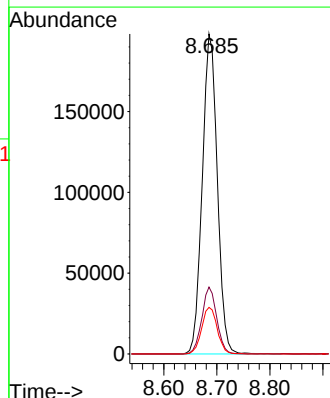
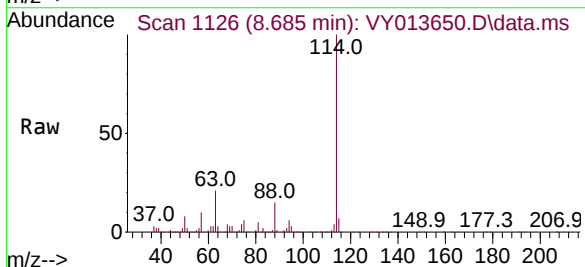
Tgt Ion: 114 Resp: 389056

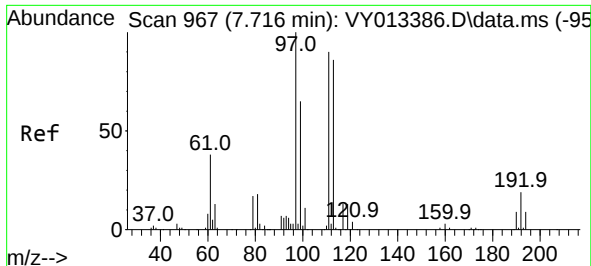
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.6

88 14.5 0.0 28.8

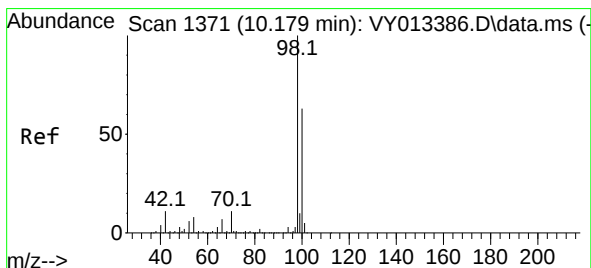
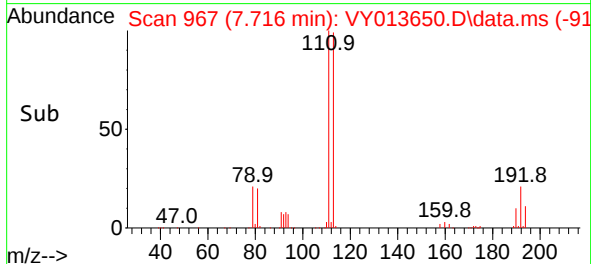
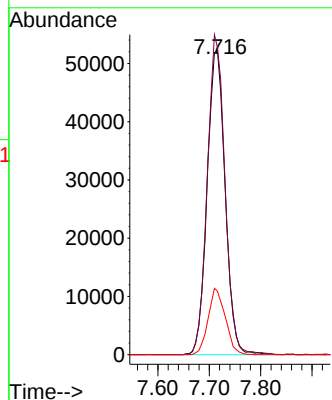
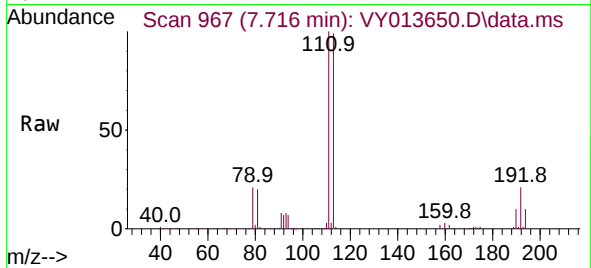




#35
Dibromofluoromethane
Concen: 51.974 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013650.D
Acq: 08 May 2023 15:35

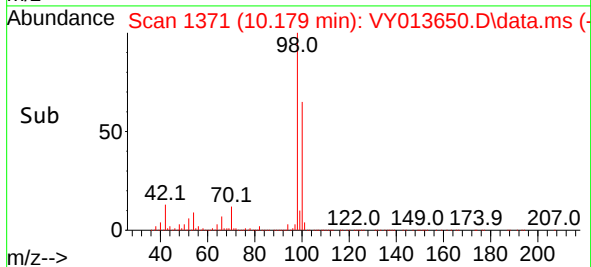
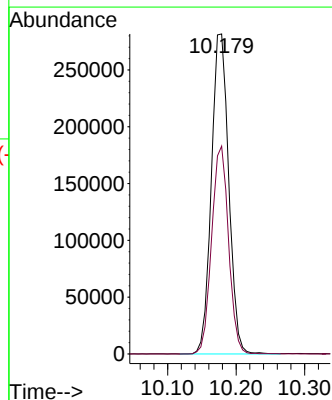
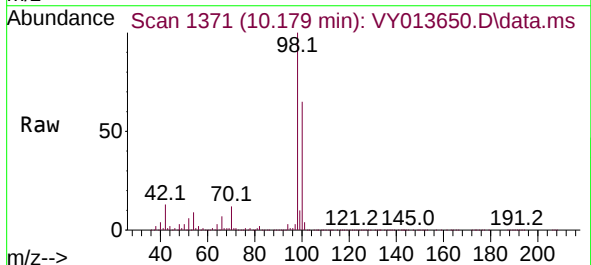
Instrument :
MSVOA_Y
ClientSampleId :
DGA-CRUSHED-STONE

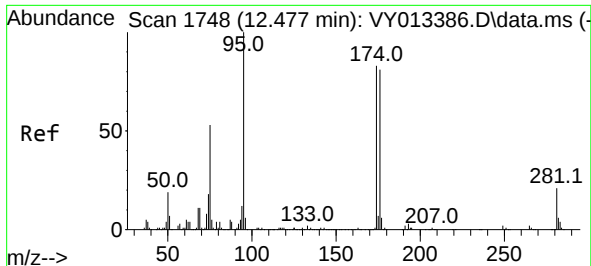
Tgt Ion:113 Resp: 127180
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 20.8 16.7 25.1



#50
Toluene-d8
Concen: 56.931 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013650.D
Acq: 08 May 2023 15:35

Tgt Ion: 98 Resp: 495583
Ion Ratio Lower Upper
98 100
100 63.4 50.5 75.7





#62

4-Bromofluorobenzene

Concen: 62.454 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013650.D

Acq: 08 May 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

DGA-CRUSHED-STONE

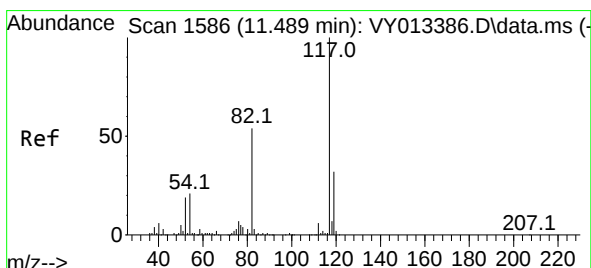
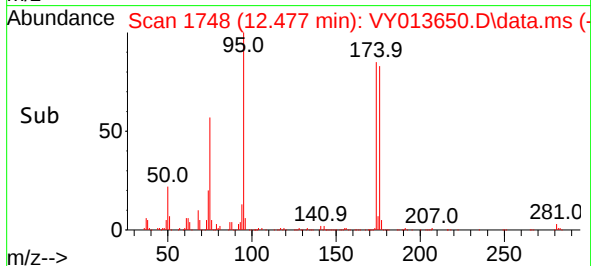
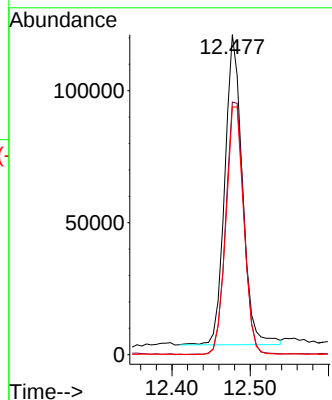
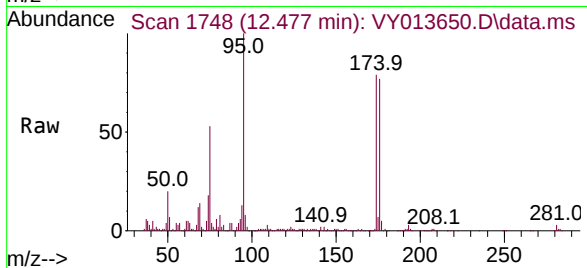
Tgt Ion: 95 Resp: 183280

Ion Ratio Lower Upper

95 100

174 84.5 0.0 182.0

176 81.5 0.0 175.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY013650.D

Acq: 08 May 2023 15:35

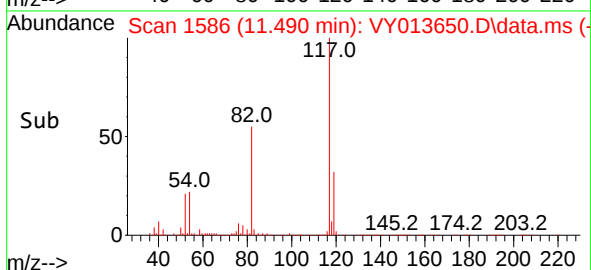
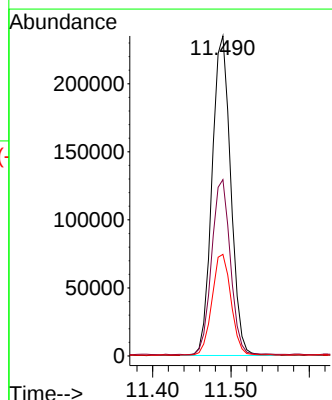
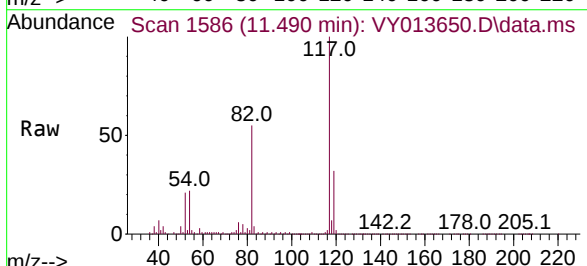
Tgt Ion: 117 Resp: 388818

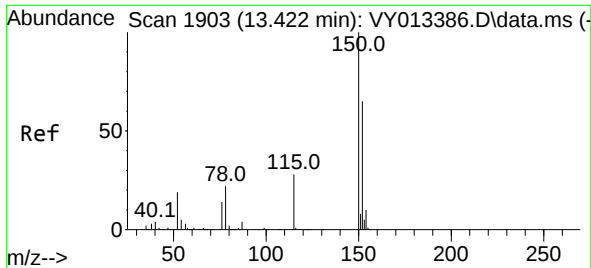
Ion Ratio Lower Upper

117 100

82 54.7 43.0 64.6

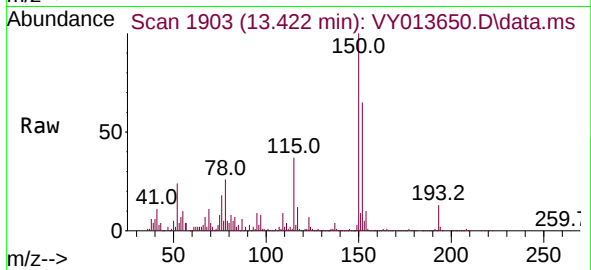
119 31.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013650.D
 Acq: 08 May 2023 15:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 DGA-CRUSHED-STONE



Tgt Ion:	152	Resp:	189412
Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.1	84.2
150	154.7	0.0	352.0

