

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017712.D
 Acq On : 19 Mar 2024 17:20
 Operator : SY/MD
 Sample : P1803-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRENCH-PIT

Quant Time: Mar 20 03:04:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	116530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	214688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	191378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71384	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	57264	51.851	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.700%
35) Dibromofluoromethane	7.722	113	69581	46.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.020%
50) Toluene-d8	10.191	98	244786	46.799	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.600%
62) 4-Bromofluorobenzene	12.489	95	64047	38.962	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.920%

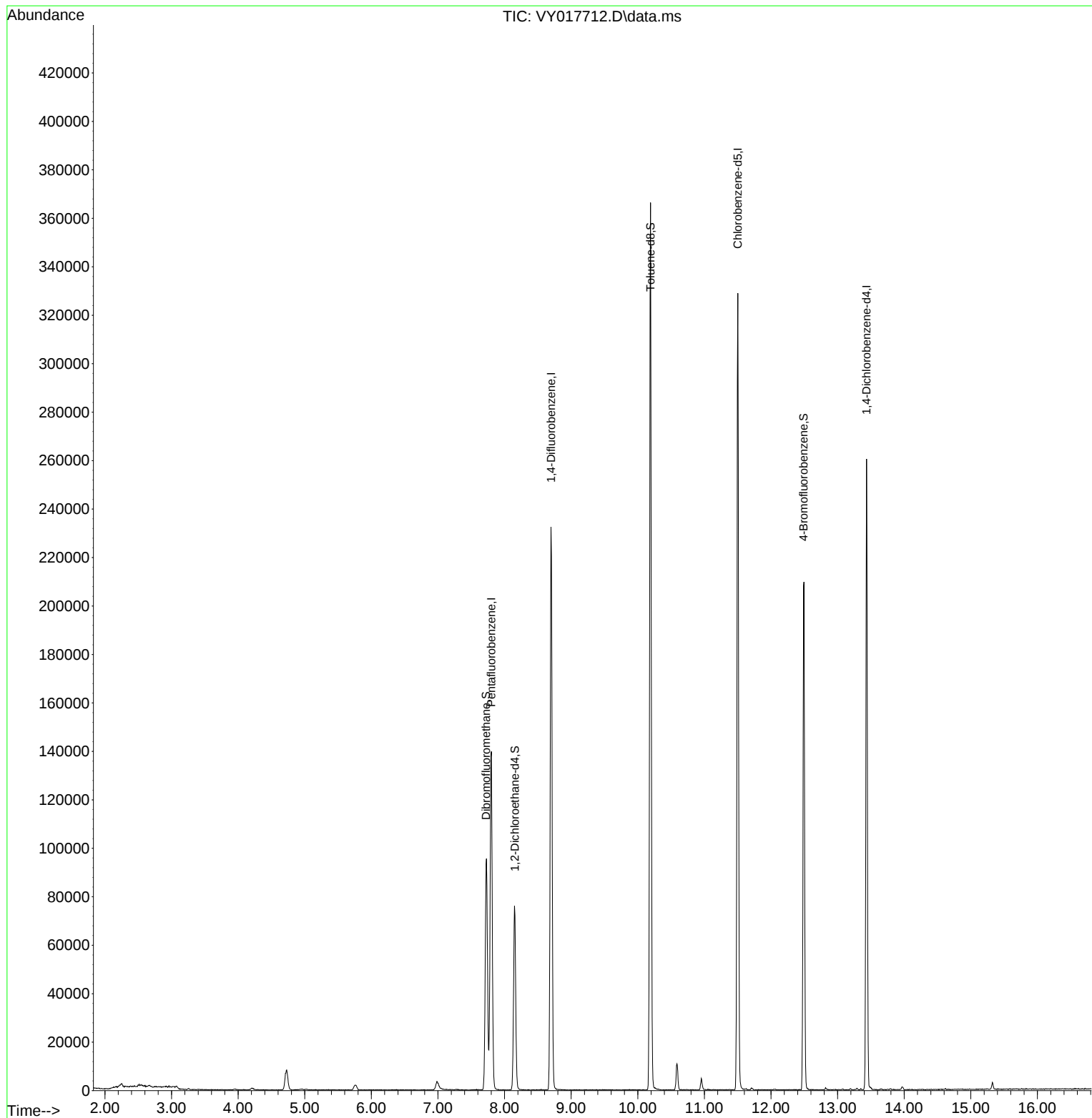
Target Compounds	Qvalue

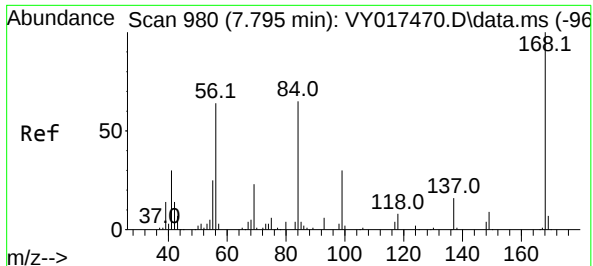
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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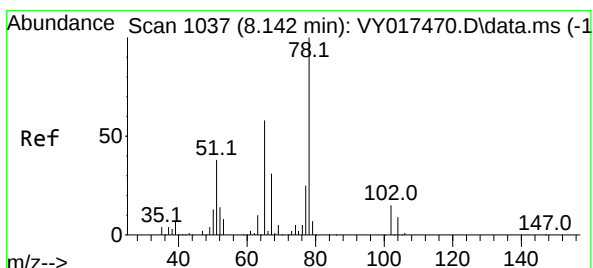
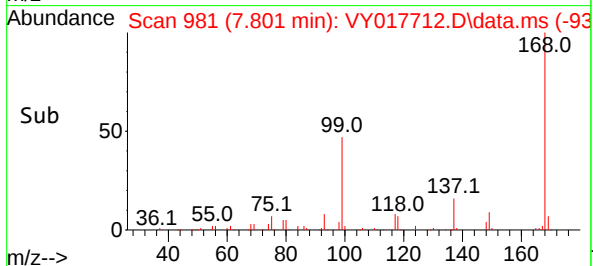
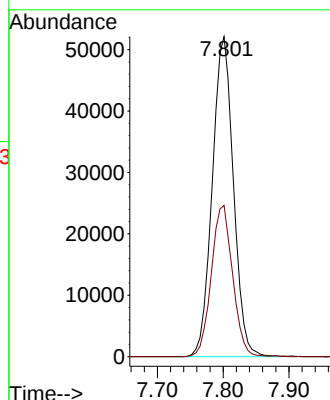
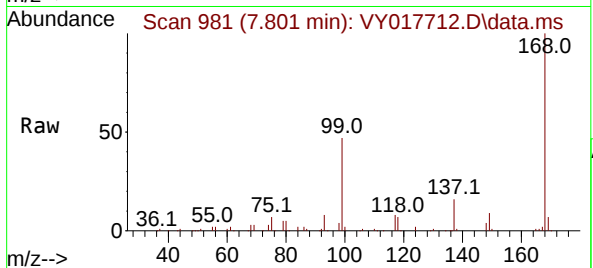




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

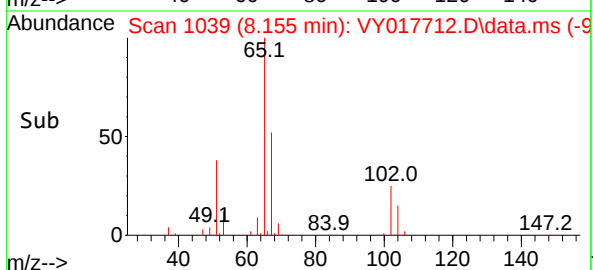
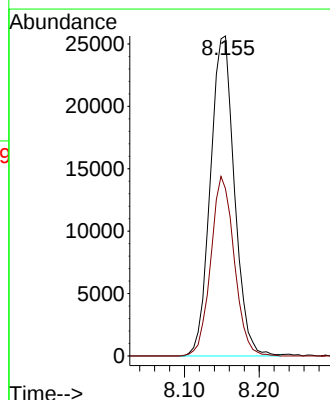
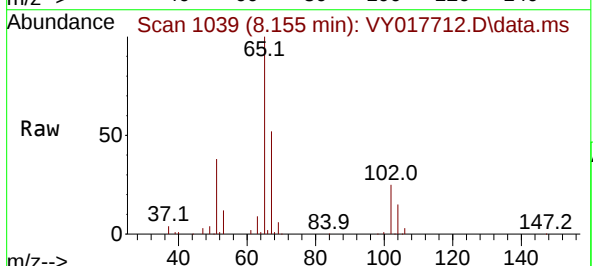
Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-PIT

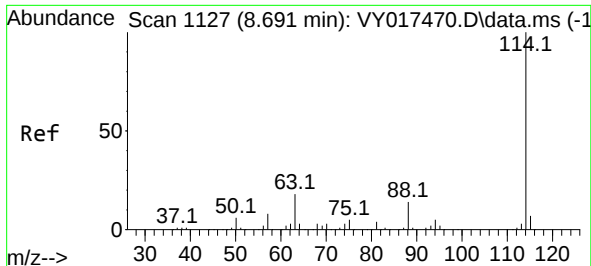
Tgt Ion:168 Resp: 116530
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.851 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

Tgt Ion: 65 Resp: 57264
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017712.D

Acq: 19 Mar 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

TRENCH-PIT

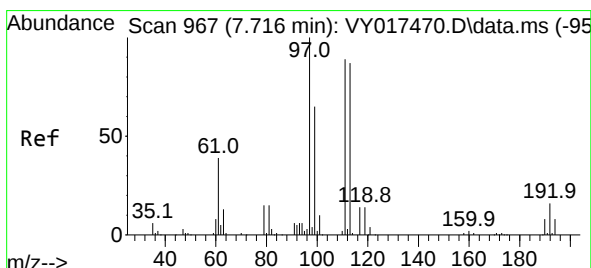
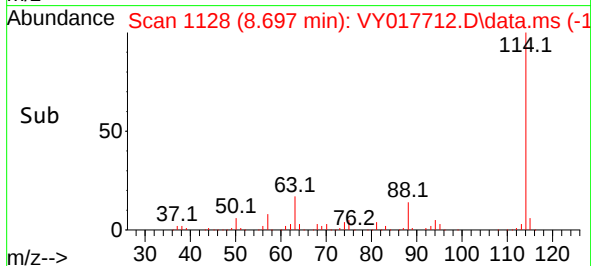
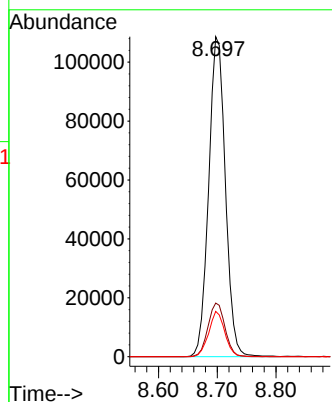
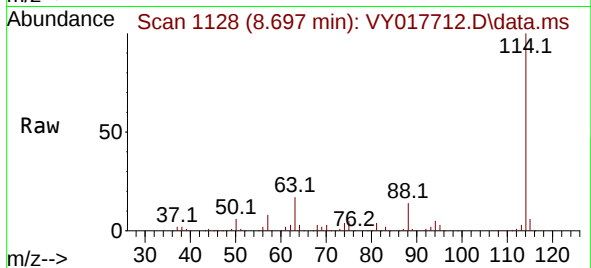
Tgt Ion:114 Resp: 214688

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.511 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017712.D

Acq: 19 Mar 2024 17:20

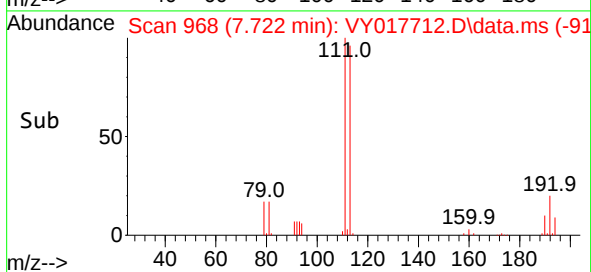
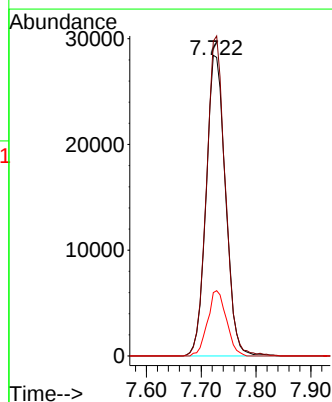
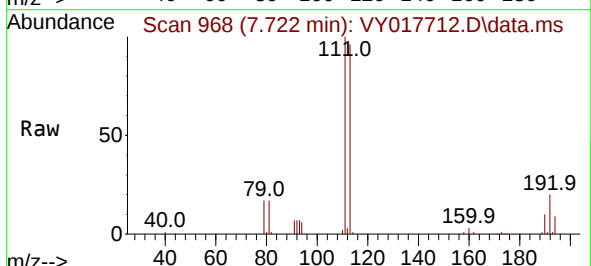
Tgt Ion:113 Resp: 69581

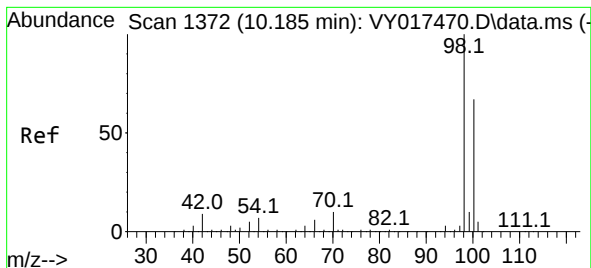
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

192 21.1 15.9 23.9





#50

Toluene-d8

Concen: 46.799 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017712.D

Acq: 19 Mar 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

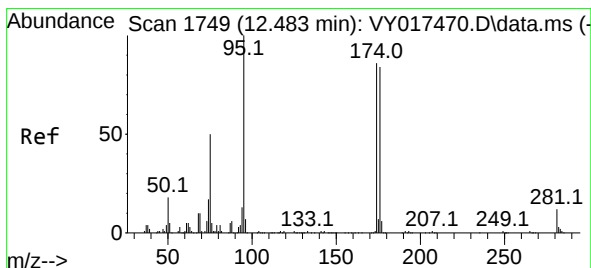
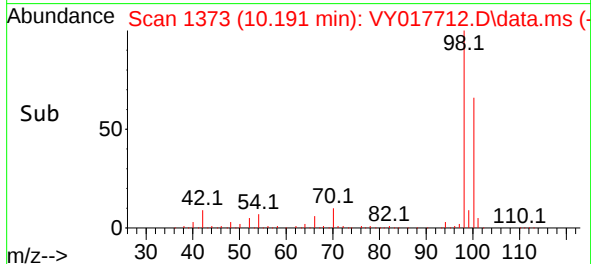
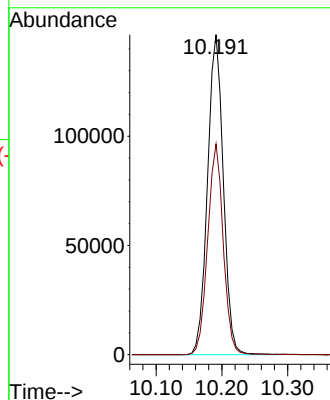
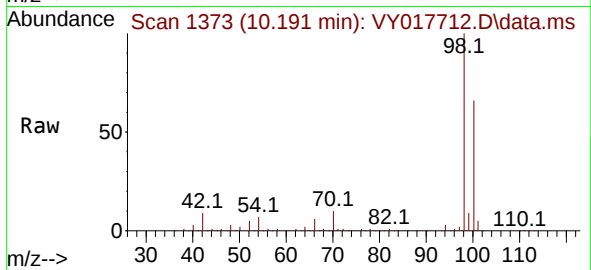
TRENCH-PIT

Tgt Ion: 98 Resp: 244786

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 38.962 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017712.D

Acq: 19 Mar 2024 17:20

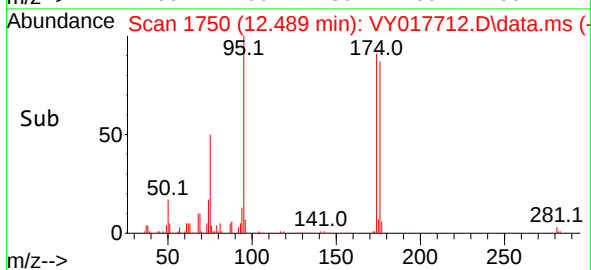
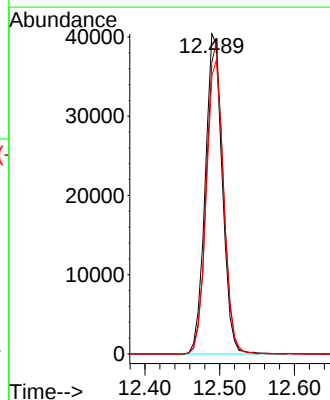
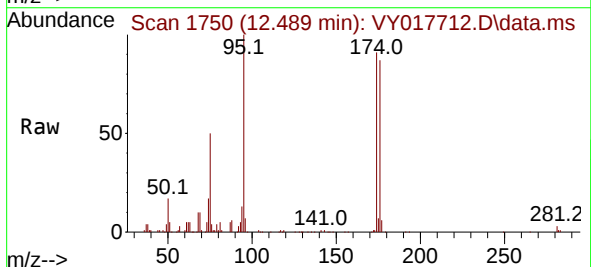
Tgt Ion: 95 Resp: 64047

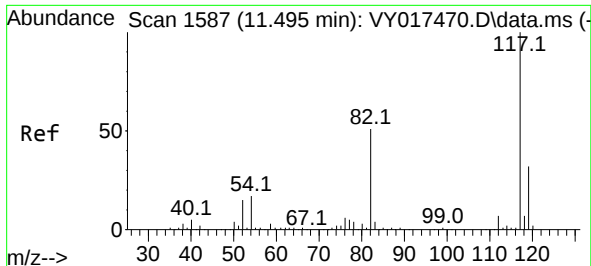
Ion Ratio Lower Upper

95 100

174 97.0 0.0 175.6

176 93.4 0.0 171.4

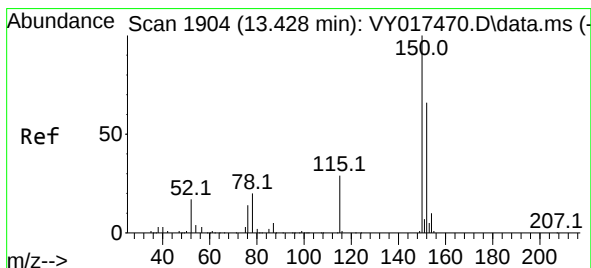
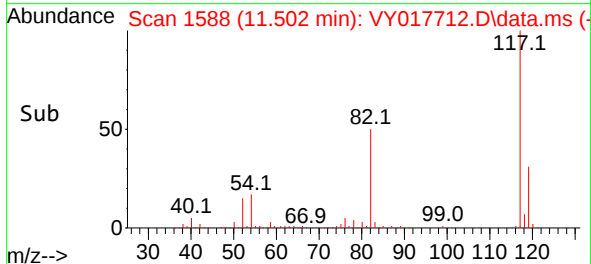
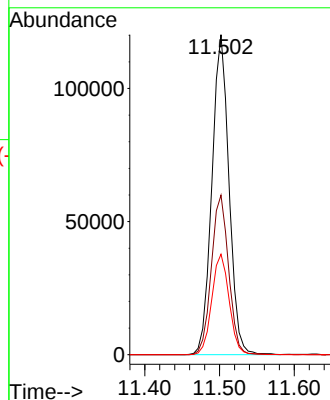
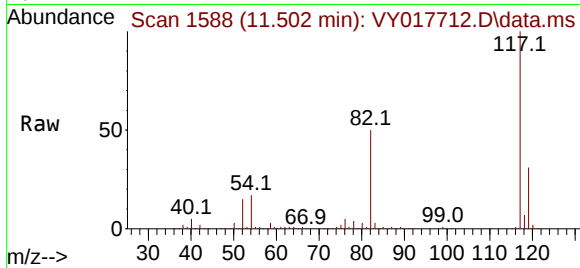




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :
TRENCH-PIT

Tgt Ion:117 Resp: 191378
Ion Ratio Lower Upper
117 100
82 49.9 42.4 63.6
119 31.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017712.D
Acq: 19 Mar 2024 17:20

Tgt Ion:152 Resp: 71384
Ion Ratio Lower Upper
152 100
115 53.6 28.2 84.7
150 154.4 0.0 345.6

