

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017889.D
 Acq On : 09 Apr 2024 13:25
 Operator : SY/MD
 Sample : P2022-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-04082024

Quant Time: Apr 10 04:25:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	127519	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	237538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	206221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70181	63.600	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.200%
35) Dibromofluoromethane	7.710	113	76055	55.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.820%
50) Toluene-d8	10.179	98	272218	53.092	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.180%
62) 4-Bromofluorobenzene	12.483	95	68726	44.056	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.120%

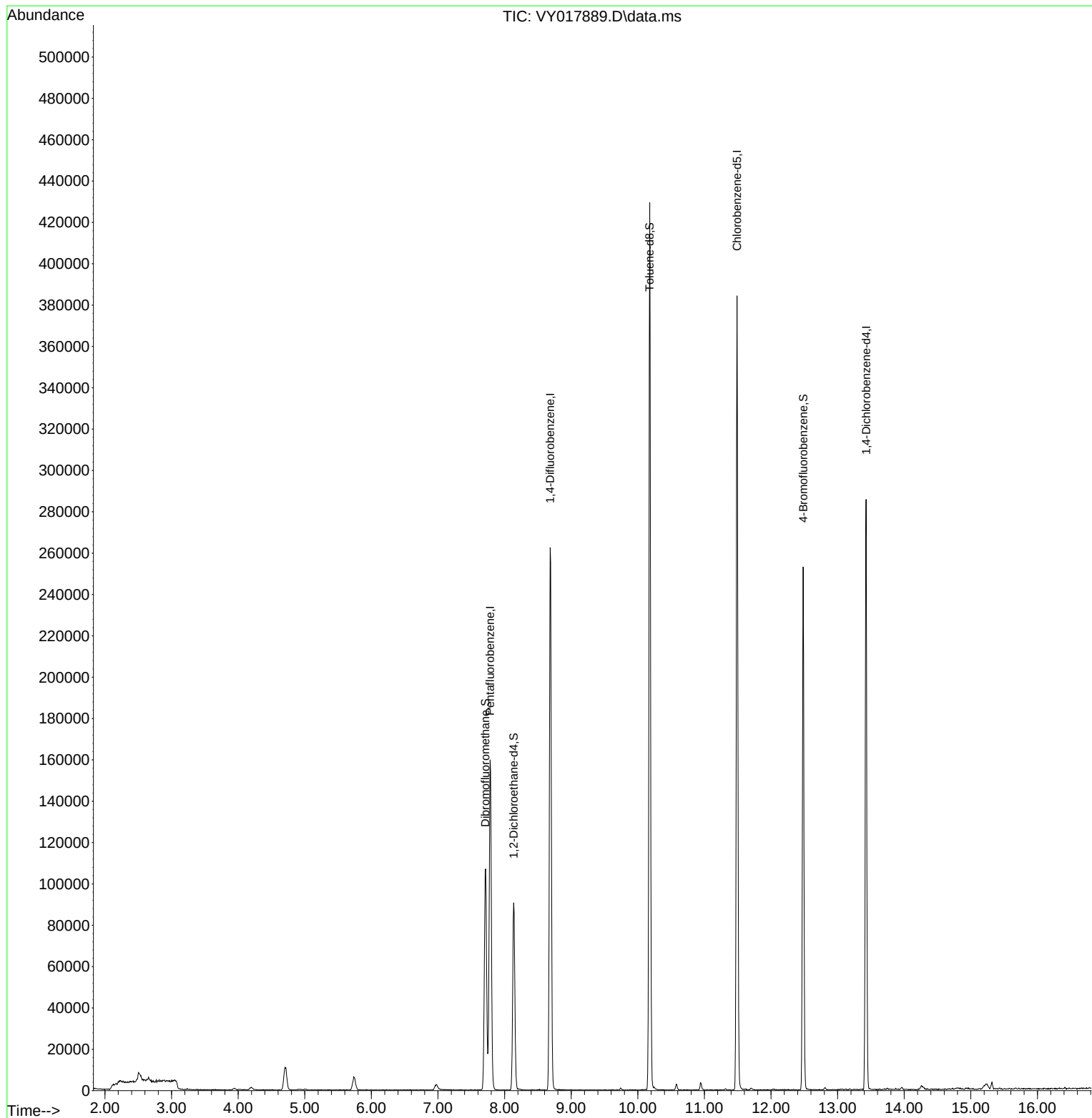
Target Compounds	Qvalue

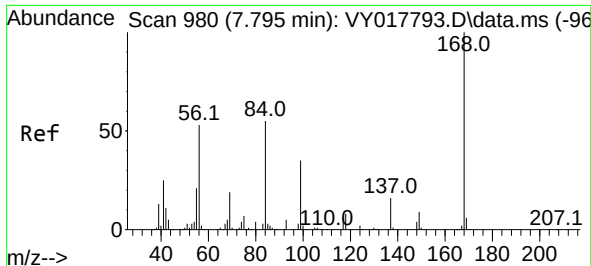
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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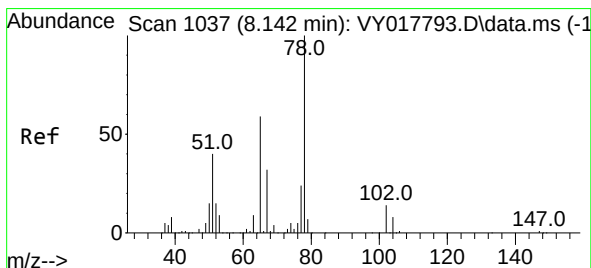
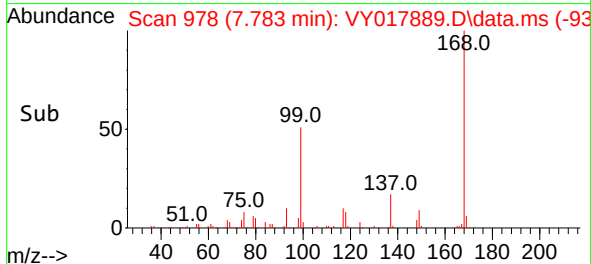
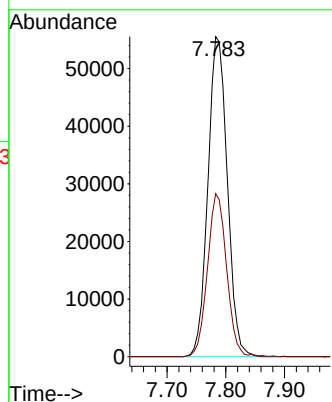
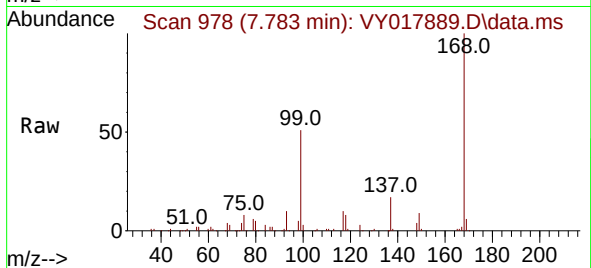




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

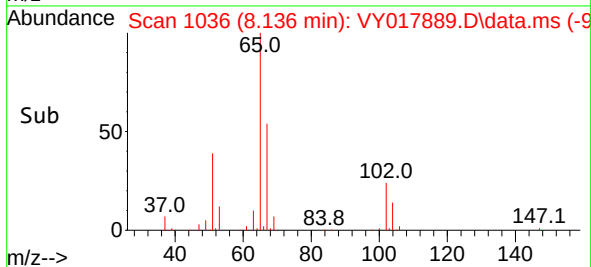
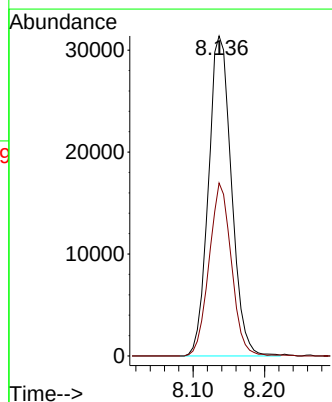
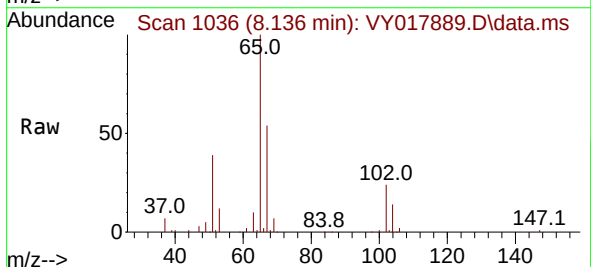
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-04082024

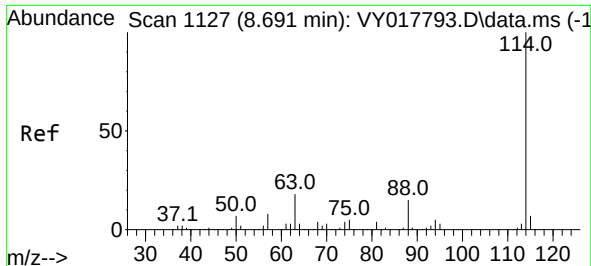
Tgt Ion:168 Resp: 127519
Ion Ratio Lower Upper
168 100
99 50.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 63.600 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

Tgt Ion: 65 Resp: 70181
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017889.D

Acq: 09 Apr 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-04082024

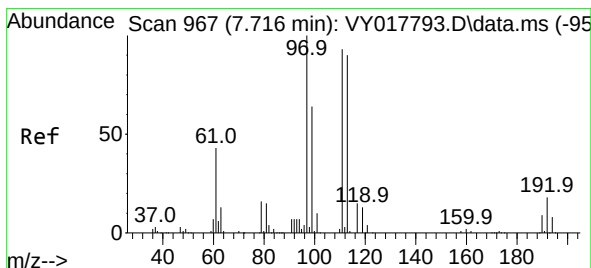
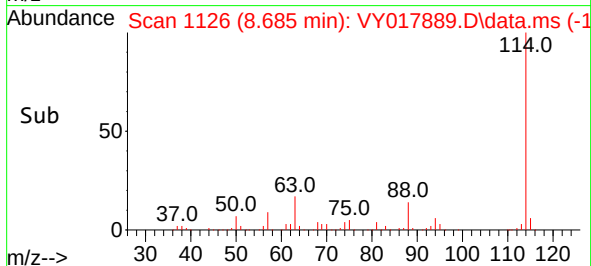
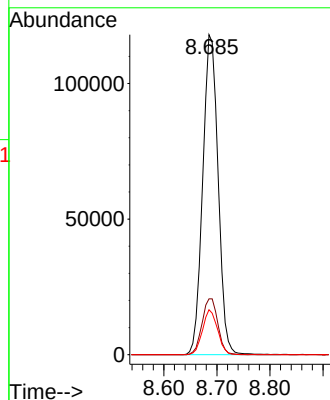
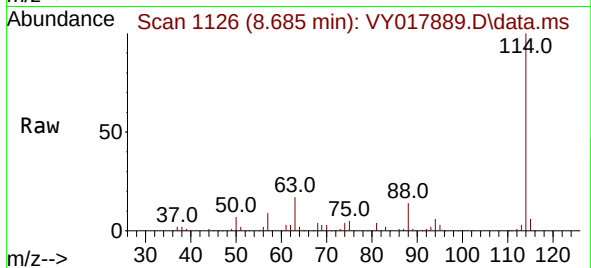
Tgt Ion:114 Resp: 237538

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.409 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017889.D

Acq: 09 Apr 2024 13:25

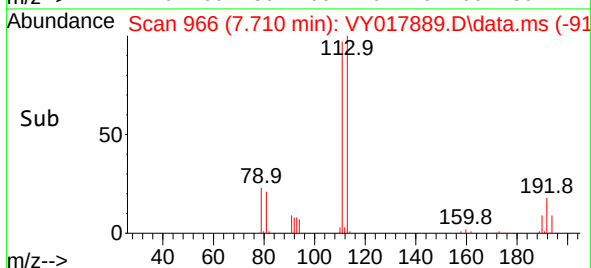
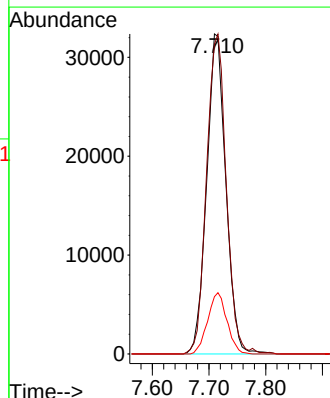
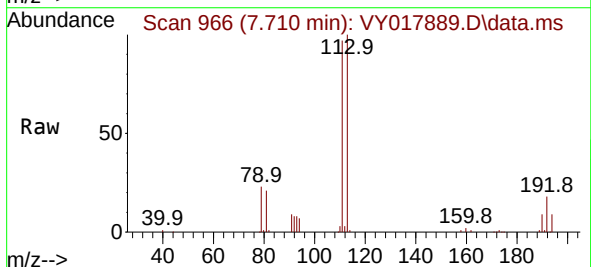
Tgt Ion:113 Resp: 76055

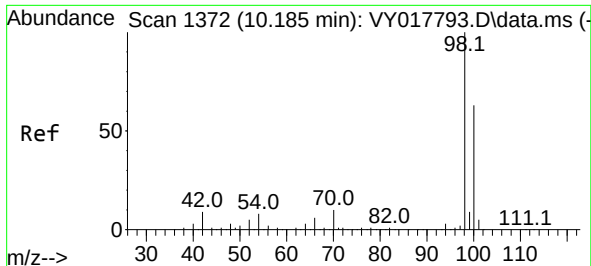
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 19.2 15.9 23.9

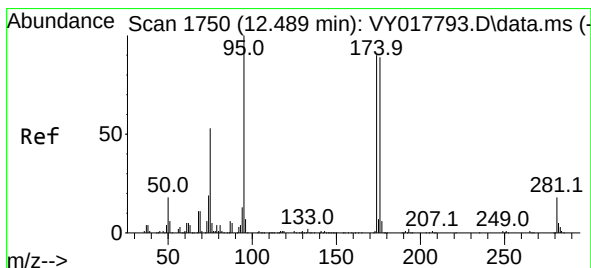
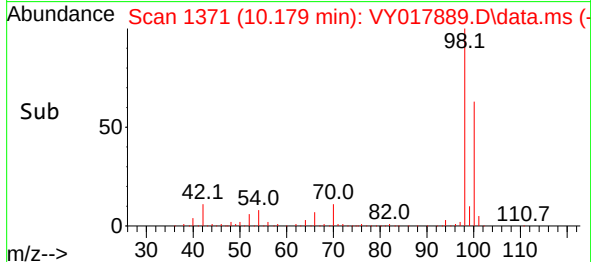
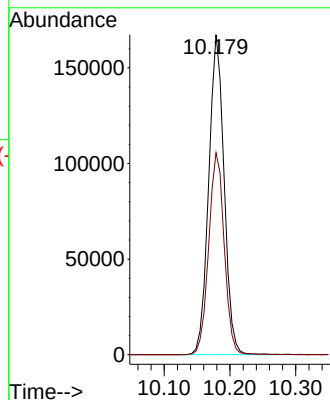
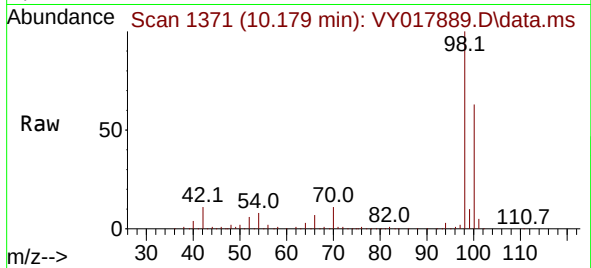




#50
Toluene-d8
Concen: 53.092 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

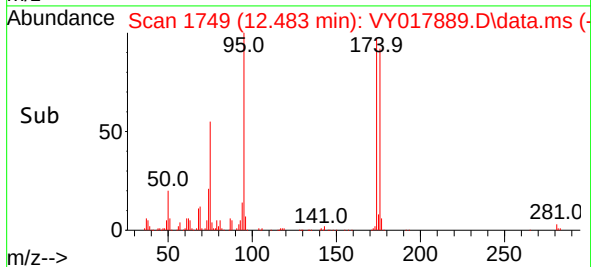
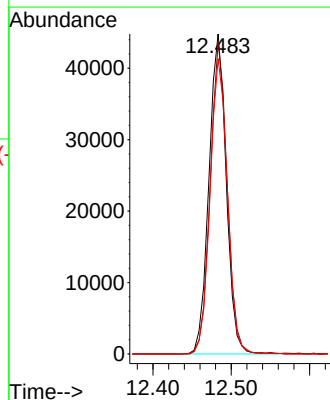
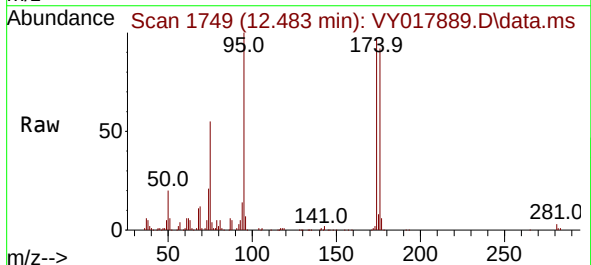
Instrument :
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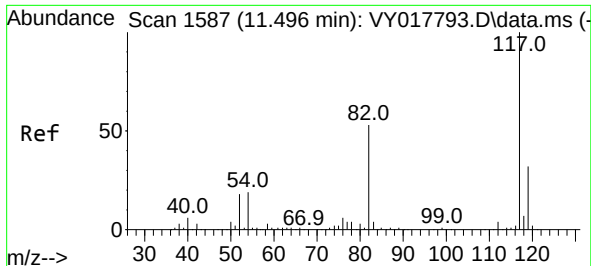
Tgt Ion: 98 Resp: 272218
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.056 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

Tgt Ion: 95 Resp: 68726
Ion Ratio Lower Upper
95 100
174 95.4 0.0 175.6
176 92.1 0.0 171.4

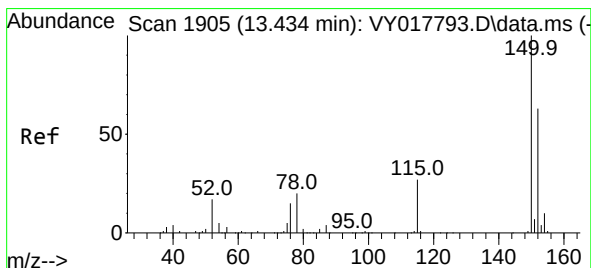
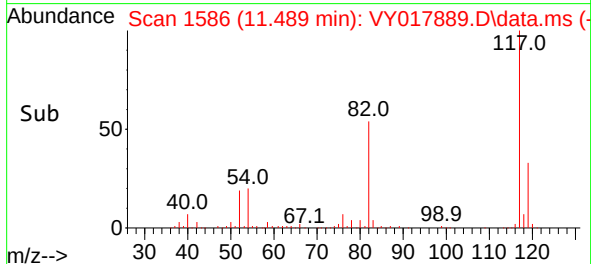
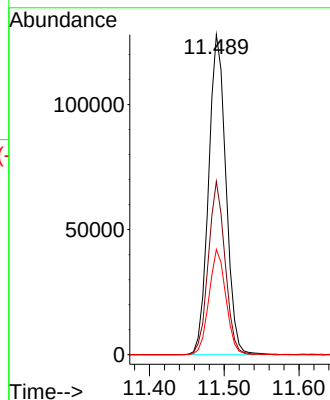
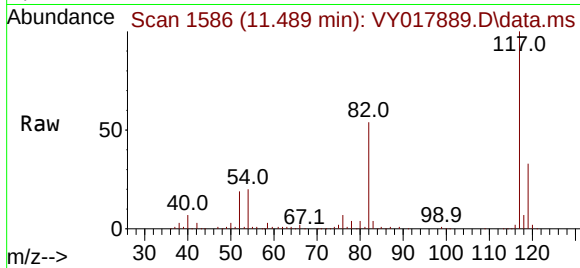




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-04082024

Tgt Ion:117 Resp: 206221
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 32.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017889.D
Acq: 09 Apr 2024 13:25

Tgt Ion:152 Resp: 73551
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 155.1 0.0 345.6

