

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011795.D
 Acq On : 13 Dec 2022 15:48
 Operator : KP/MD
 Sample : N5964-03
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-518-COMP-02

Quant Time: Dec 13 22:18:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	297564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	485970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	421807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102460	50.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.020%
35) Dibromofluoromethane	7.716	113	104935	48.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.179	98	308196	42.548	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.100%
62) 4-Bromofluorobenzene	12.483	95	116054	40.304	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.600%

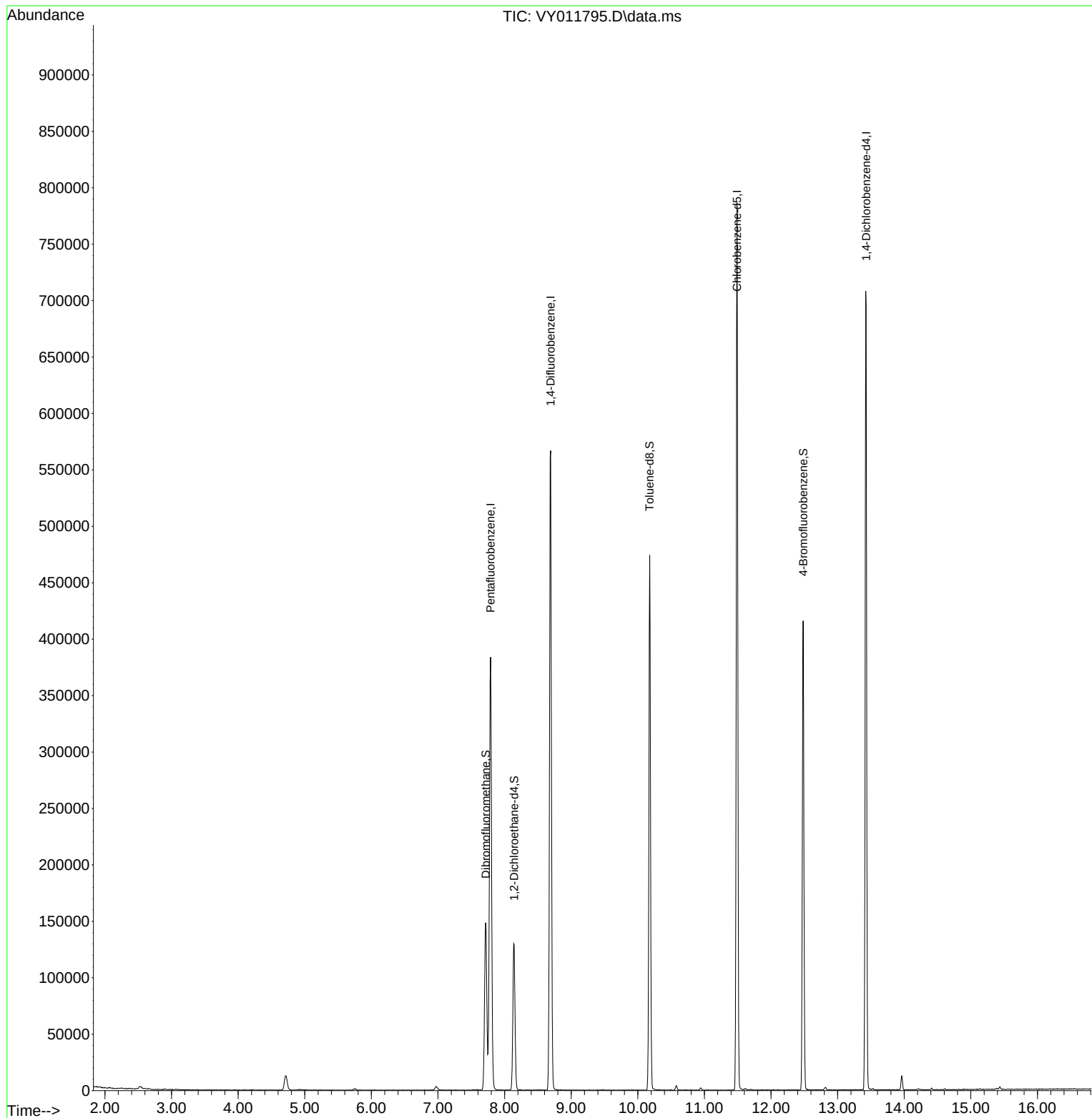
Target Compounds	Qvalue

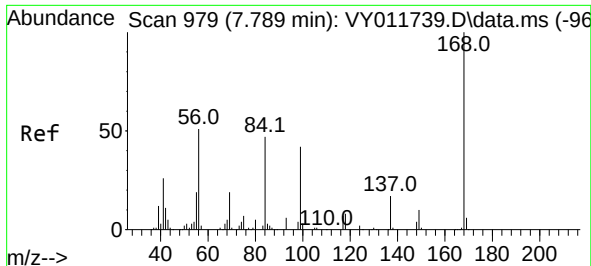
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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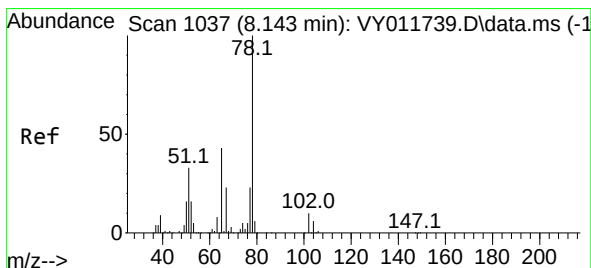
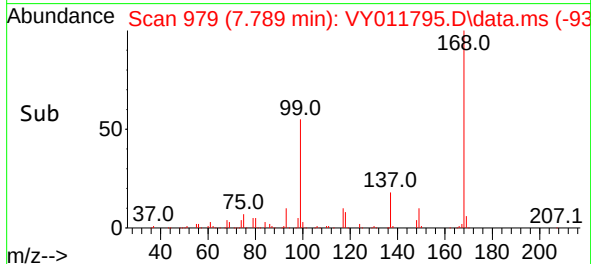
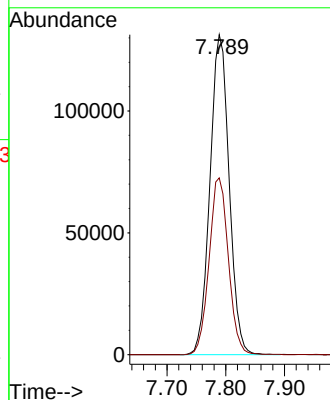
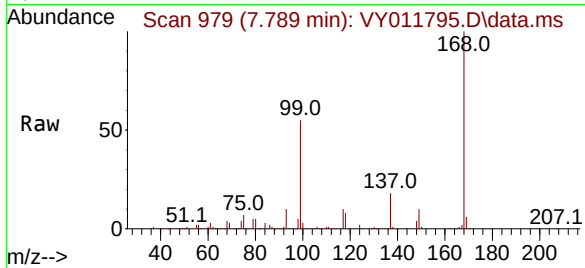




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

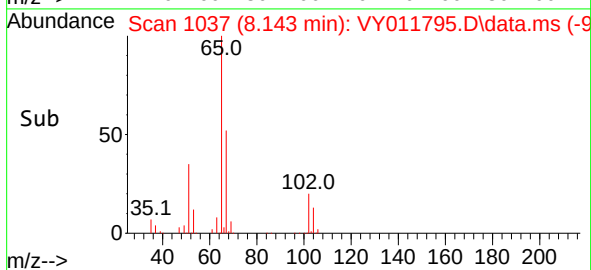
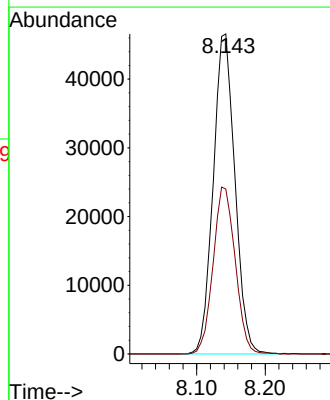
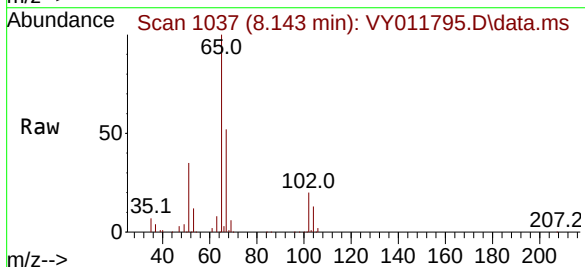
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

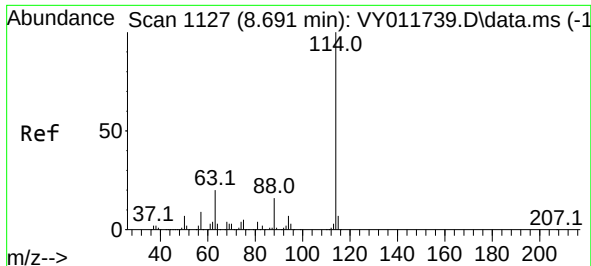
Tgt Ion:168 Resp: 297564
Ion Ratio Lower Upper
168 100
99 55.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 50.509 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

Tgt Ion: 65 Resp: 102460
Ion Ratio Lower Upper
65 100
67 53.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011795.D

Acq: 13 Dec 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

SU-518-COMP-02

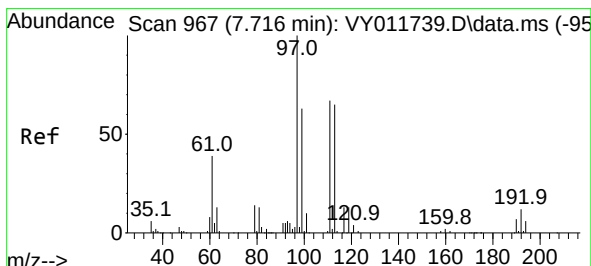
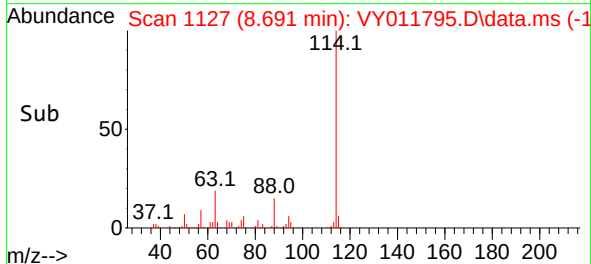
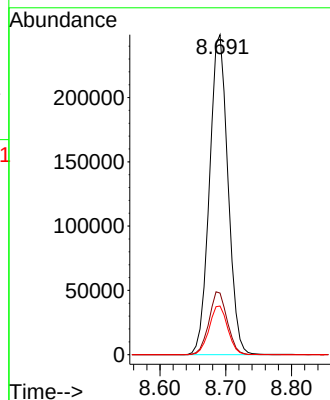
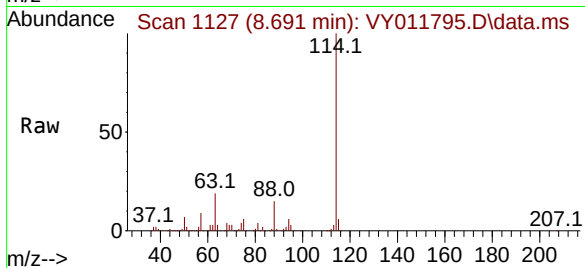
Tgt Ion:114 Resp: 485970

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 48.482 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY011795.D

Acq: 13 Dec 2022 15:48

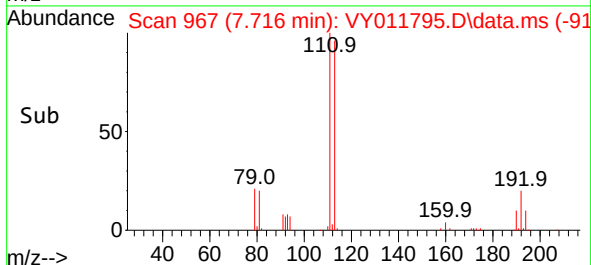
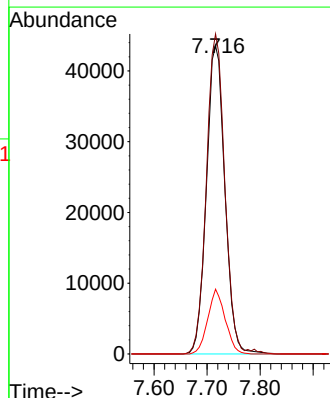
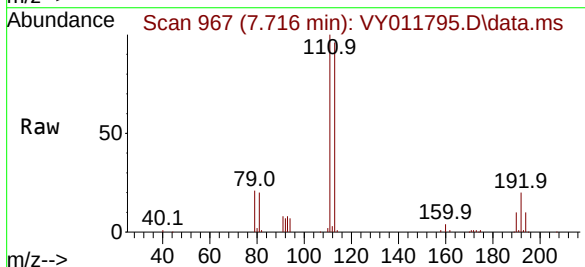
Tgt Ion:113 Resp: 104935

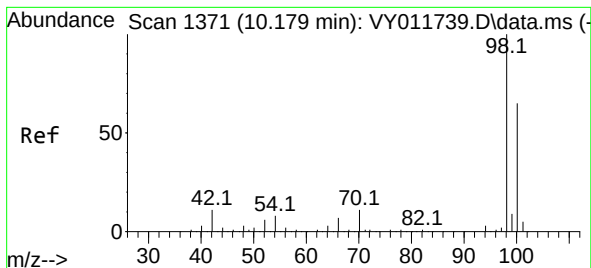
Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.4

192 19.9 16.0 24.0





#50

Toluene-d8

Concen: 42.548 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY011795.D

Acq: 13 Dec 2022 15:48

Instrument :

MSVOA_Y

ClientSampleId :

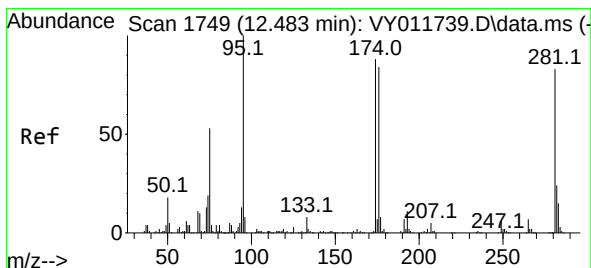
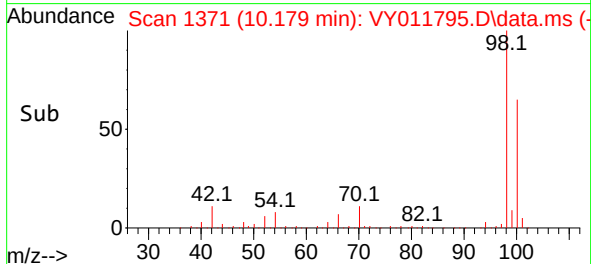
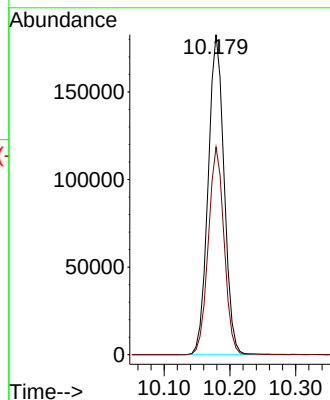
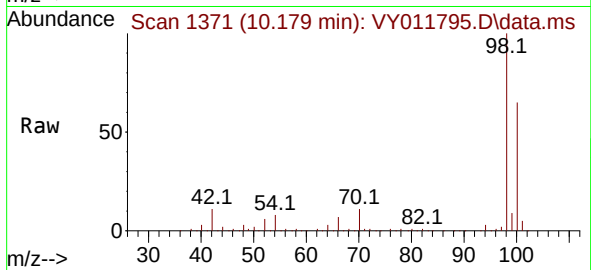
SU-518-COMP-02

Tgt Ion: 98 Resp: 308196

Ion Ratio Lower Upper

98 100

100 64.1 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 40.304 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY011795.D

Acq: 13 Dec 2022 15:48

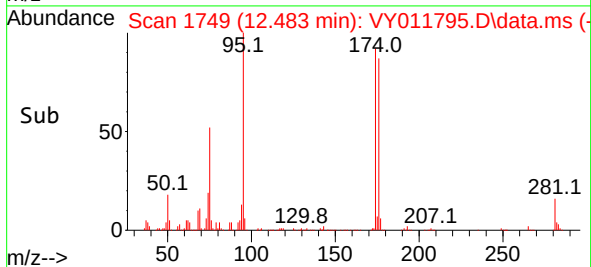
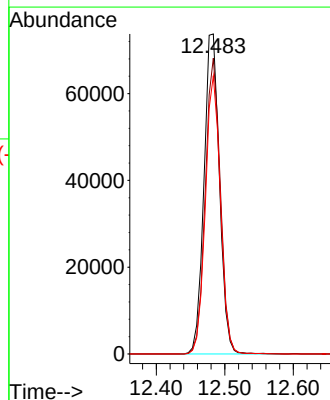
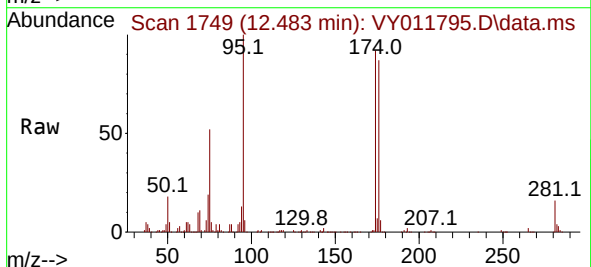
Tgt Ion: 95 Resp: 116054

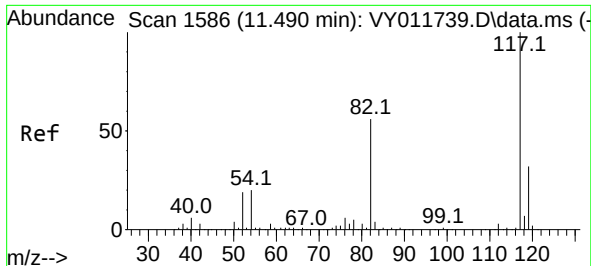
Ion Ratio Lower Upper

95 100

174 90.5 0.0 172.0

176 84.8 0.0 167.6

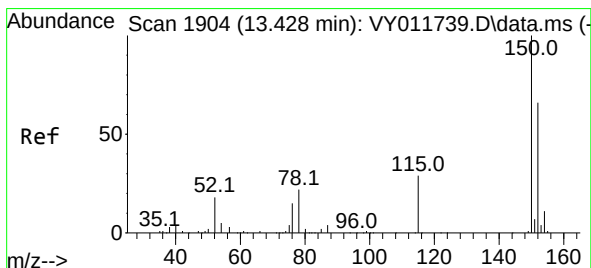
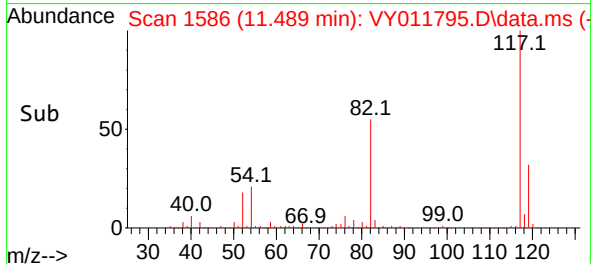
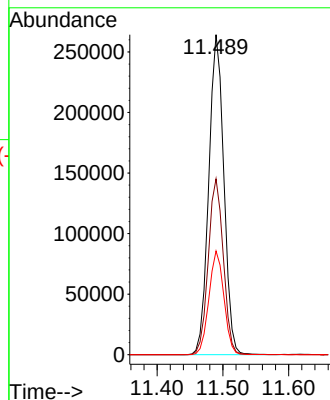
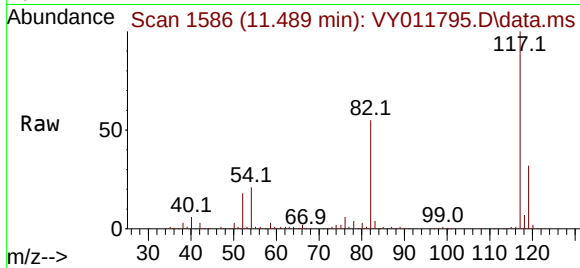




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

Tgt Ion:117 Resp: 421807
Ion Ratio Lower Upper
117 100
82 55.0 44.8 67.2
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY011795.D
Acq: 13 Dec 2022 15:48

Tgt Ion:152 Resp: 185816
Ion Ratio Lower Upper
152 100
115 58.3 29.1 87.3
150 158.0 0.0 342.6

