

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011787.D
 Acq On : 13 Dec 2022 12:47
 Operator : KP/MD
 Sample : N5964-01
 Misc : 2.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-518-COMP-01

Quant Time: Dec 13 22:17:29 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)

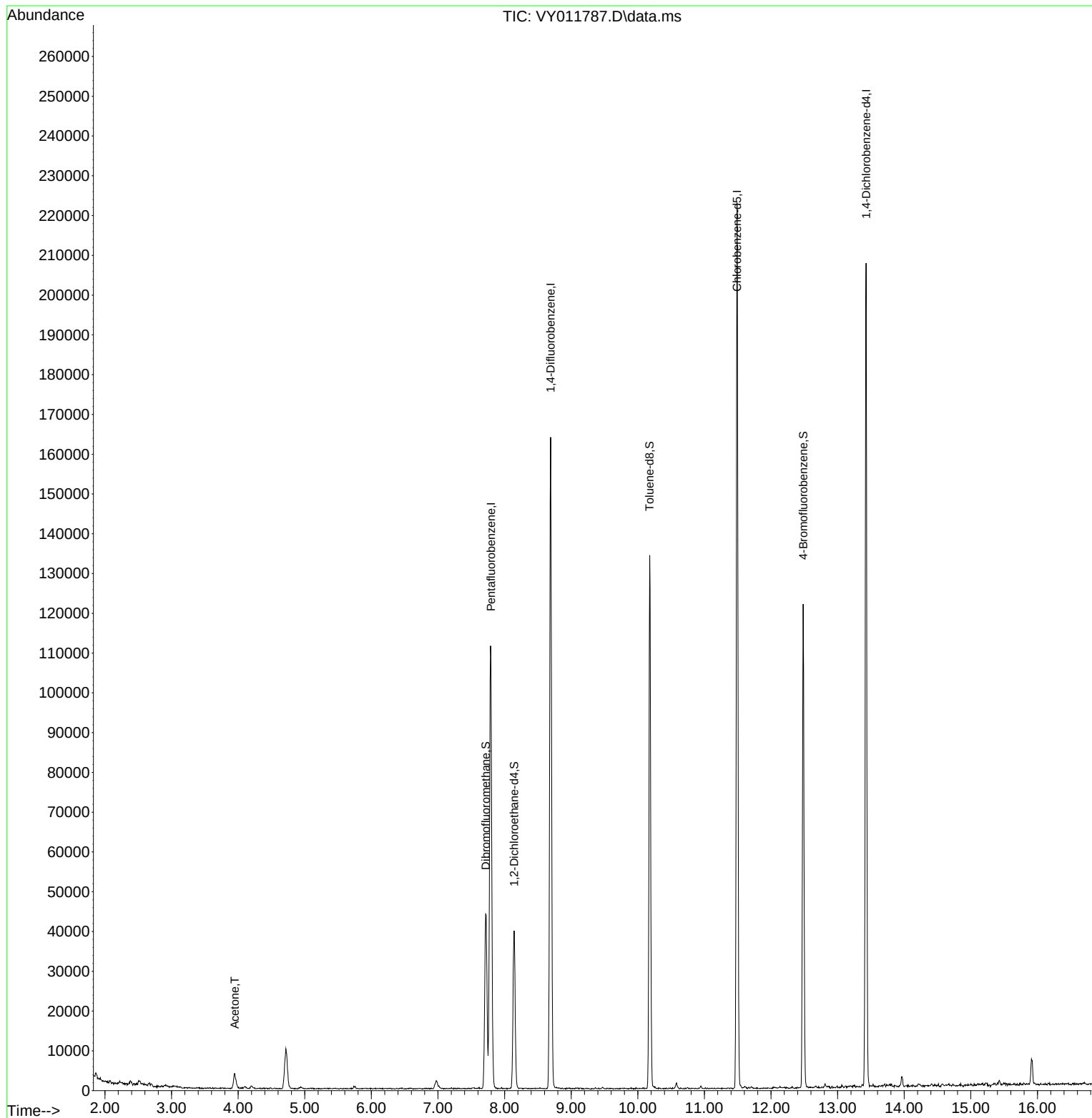
Internal Standards						
1) Pentafluorobenzene	7.795	168	87664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	138586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	124789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	54843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	32419	54.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.280%
35) Dibromofluoromethane	7.716	113	31998	52.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.260%
50) Toluene-d8	10.179	98	89073	43.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.440%
62) 4-Bromofluorobenzene	12.483	95	34188	41.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.600%
Target Compounds						Qvalue
16) Acetone	3.948	43	6476	27.054	ug/l	89

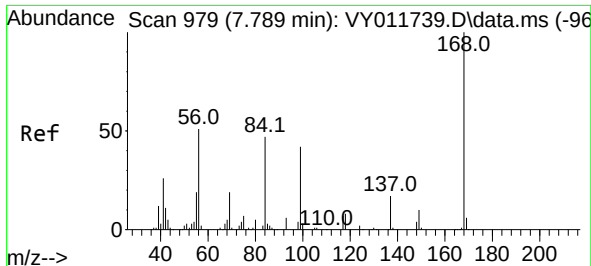
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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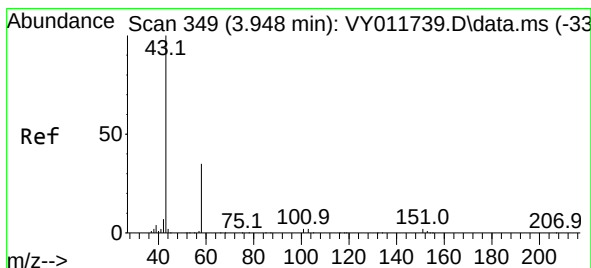
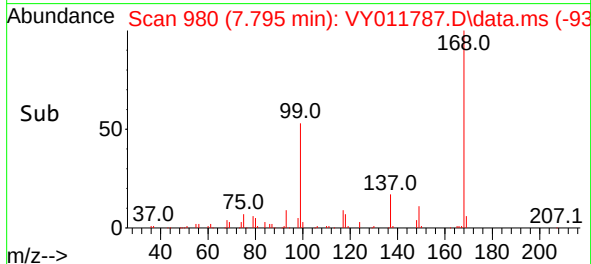
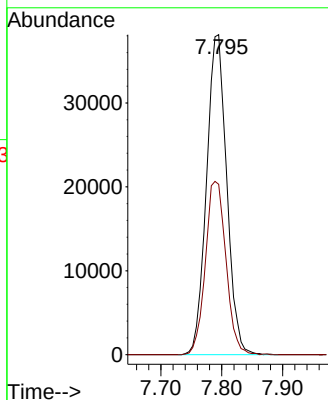
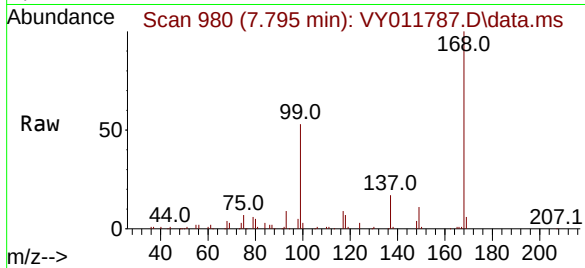




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011787.D
Acq: 13 Dec 2022 12:47

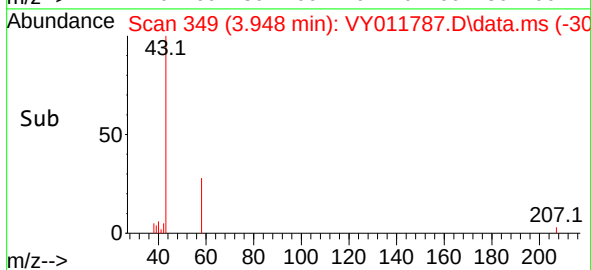
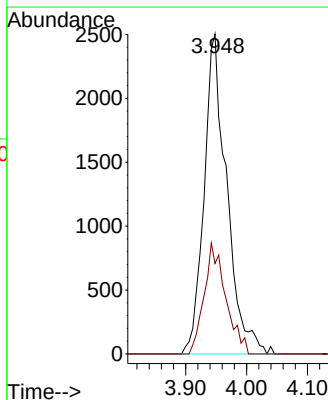
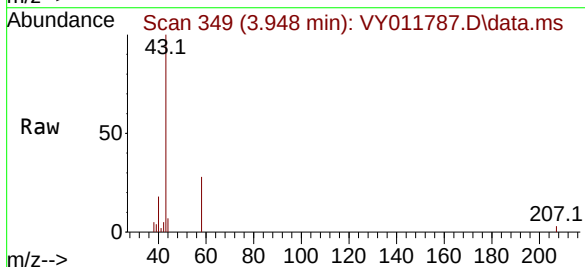
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-01

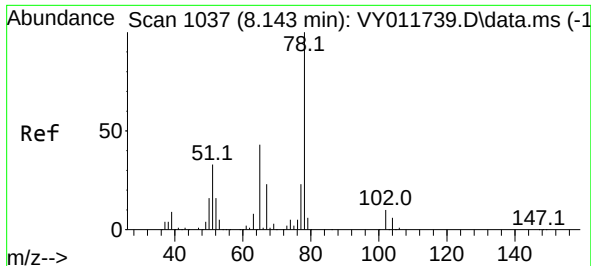
Tgt Ion:168 Resp: 87664
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#16
Acetone
Concen: 27.054 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY011787.D
Acq: 13 Dec 2022 12:47

Tgt Ion: 43 Resp: 6476
Ion Ratio Lower Upper
43 100
58 28.3 27.9 41.9





#33

1,2-Dichloroethane-d4

Concen: 54.638 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY011787.D

Acq: 13 Dec 2022 12:47

Instrument :

MSVOA_Y

ClientSampleId :

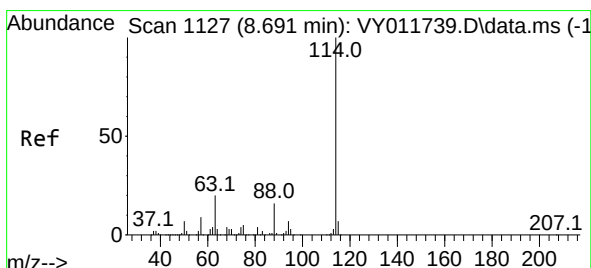
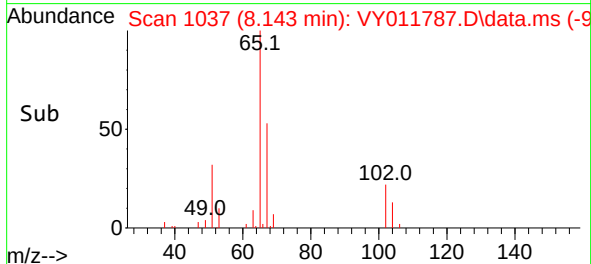
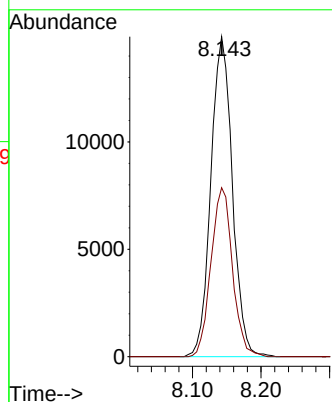
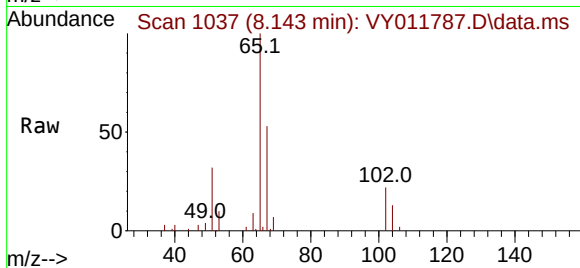
SU-518-COMP-01

Tgt Ion: 65 Resp: 32419

Ion Ratio Lower Upper

65 100

67 52.8 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: VY011787.D

Acq: 13 Dec 2022 12:47

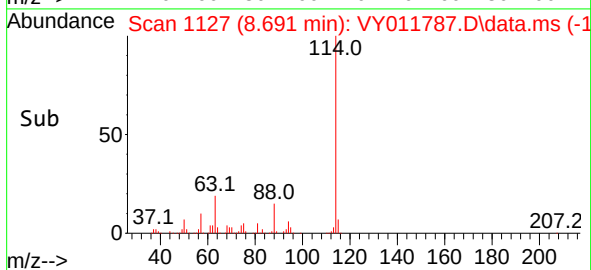
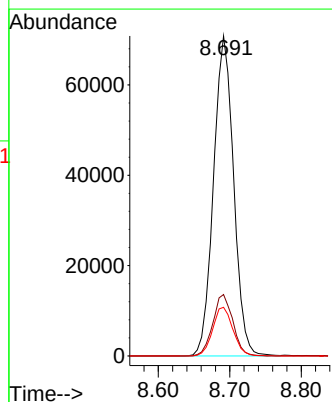
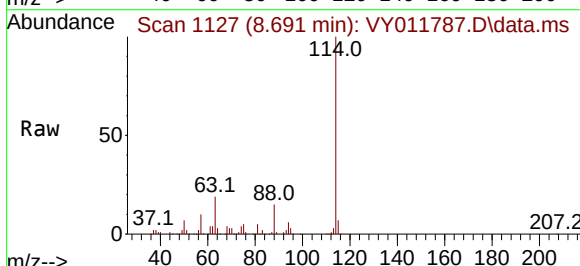
Tgt Ion: 114 Resp: 138586

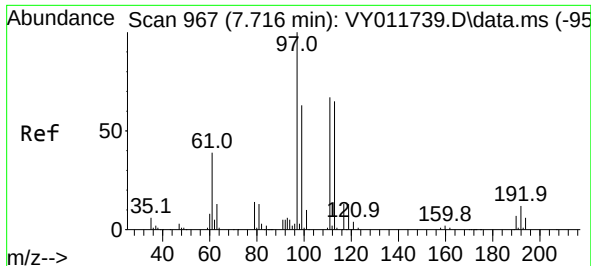
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.2 0.0 32.2

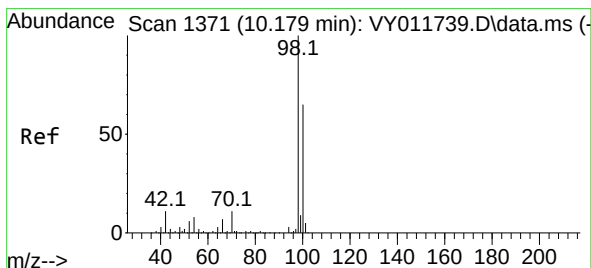
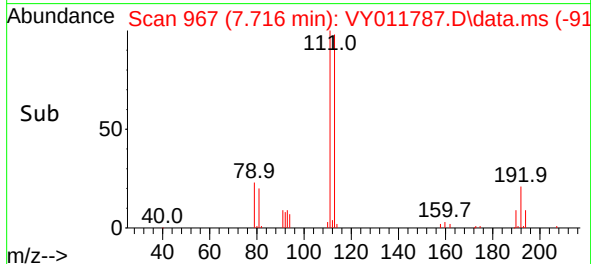
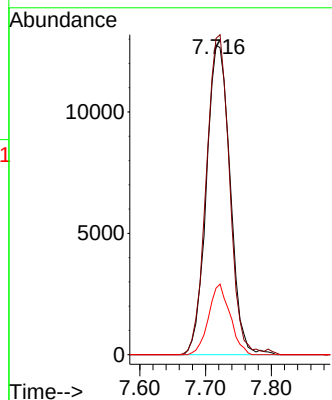
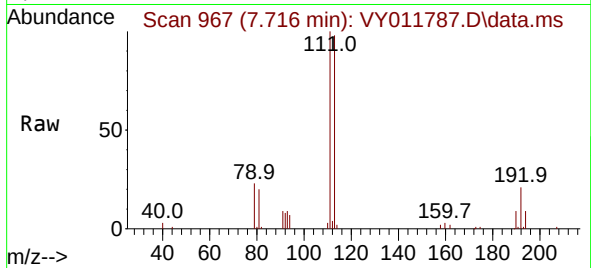




#35
Dibromofluoromethane
Concen: 52.134 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011787.D
Acq: 13 Dec 2022 12:47

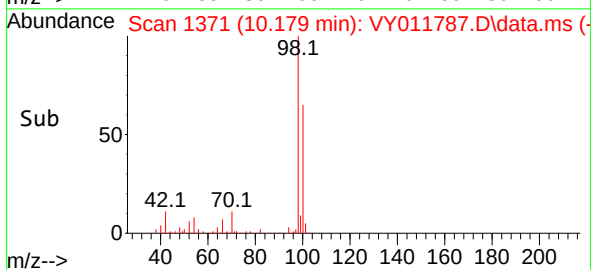
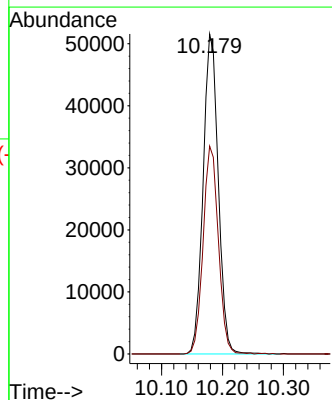
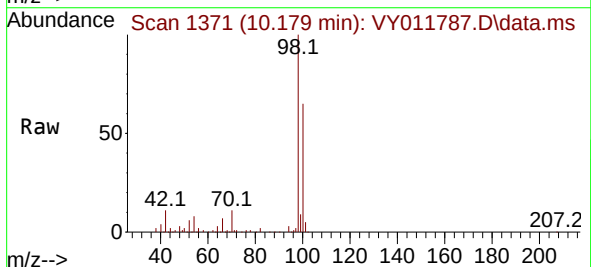
Instrument :
MSVOA_Y
ClientSampleId :
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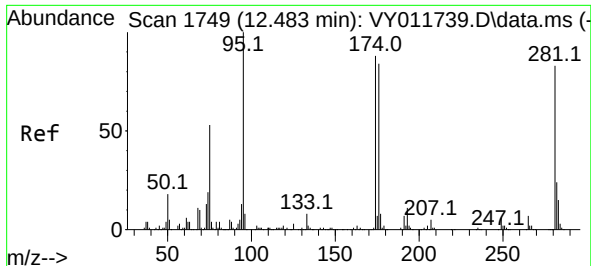
Tgt Ion:113 Resp: 31998
Ion Ratio Lower Upper
113 100
111 100.9 83.0 124.4
192 20.6 16.0 24.0



#50
Toluene-d8
Concen: 43.224 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011787.D
Acq: 13 Dec 2022 12:47

Tgt Ion: 98 Resp: 89073
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

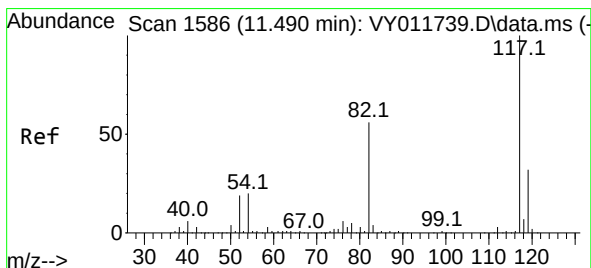
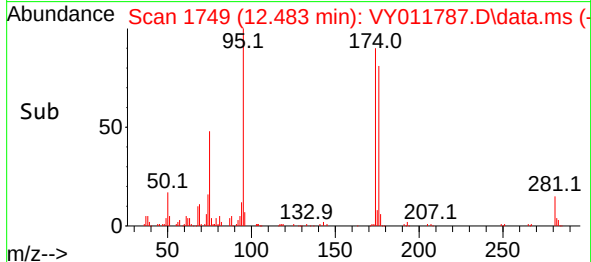
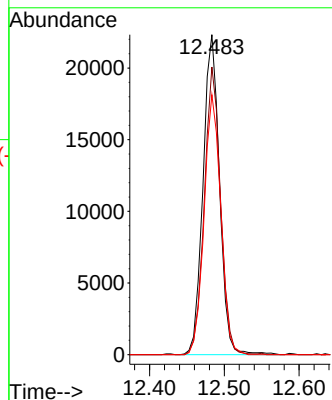
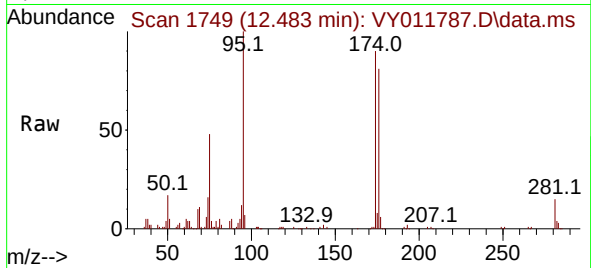




#62
4-Bromofluorobenzene
Concen: 41.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011787.D
Acq: 13 Dec 2022 12:47

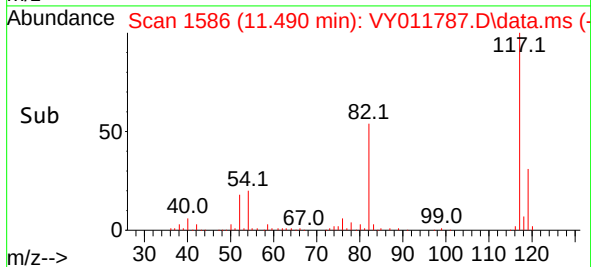
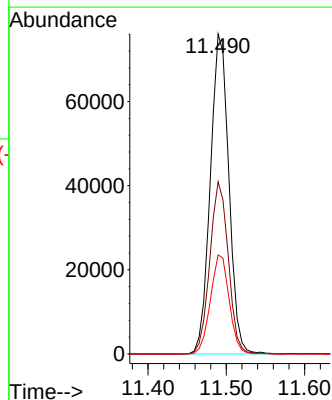
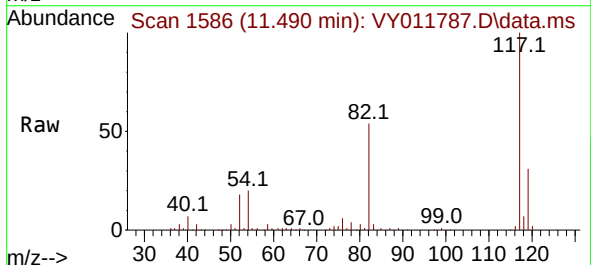
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MSVOA_Y
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SU-518-COMP-01

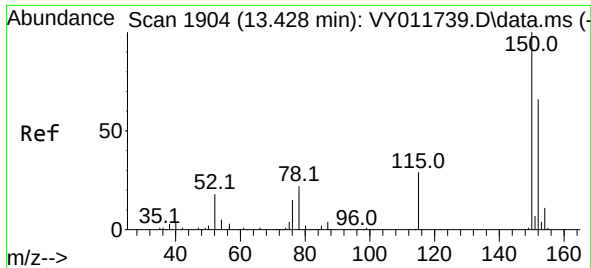
Tgt Ion: 95 Resp: 34188
Ion Ratio Lower Upper
95 100
174 88.7 0.0 172.0
176 82.4 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011787.D
Acq: 13 Dec 2022 12:47

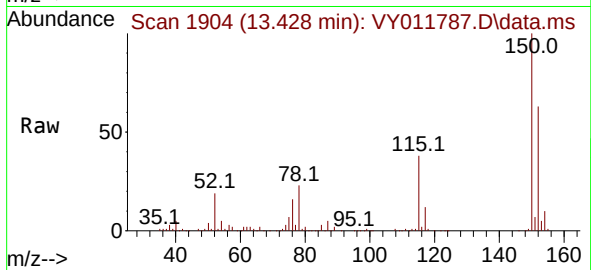
Tgt Ion: 117 Resp: 124789
Ion Ratio Lower Upper
117 100
82 53.8 44.8 67.2
119 31.0 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011787.D
 Acq: 13 Dec 2022 12:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-518-COMP-01



Tgt Ion:152 Resp: 54843
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.1 87.3
 150 157.9 0.0 342.6

