

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012734.D
 Acq On : 27 Feb 2023 14:11
 Operator : KP/MD
 Sample : 01701-01
 Misc : 2.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-19-SB01

Quant Time: Feb 28 00:22:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

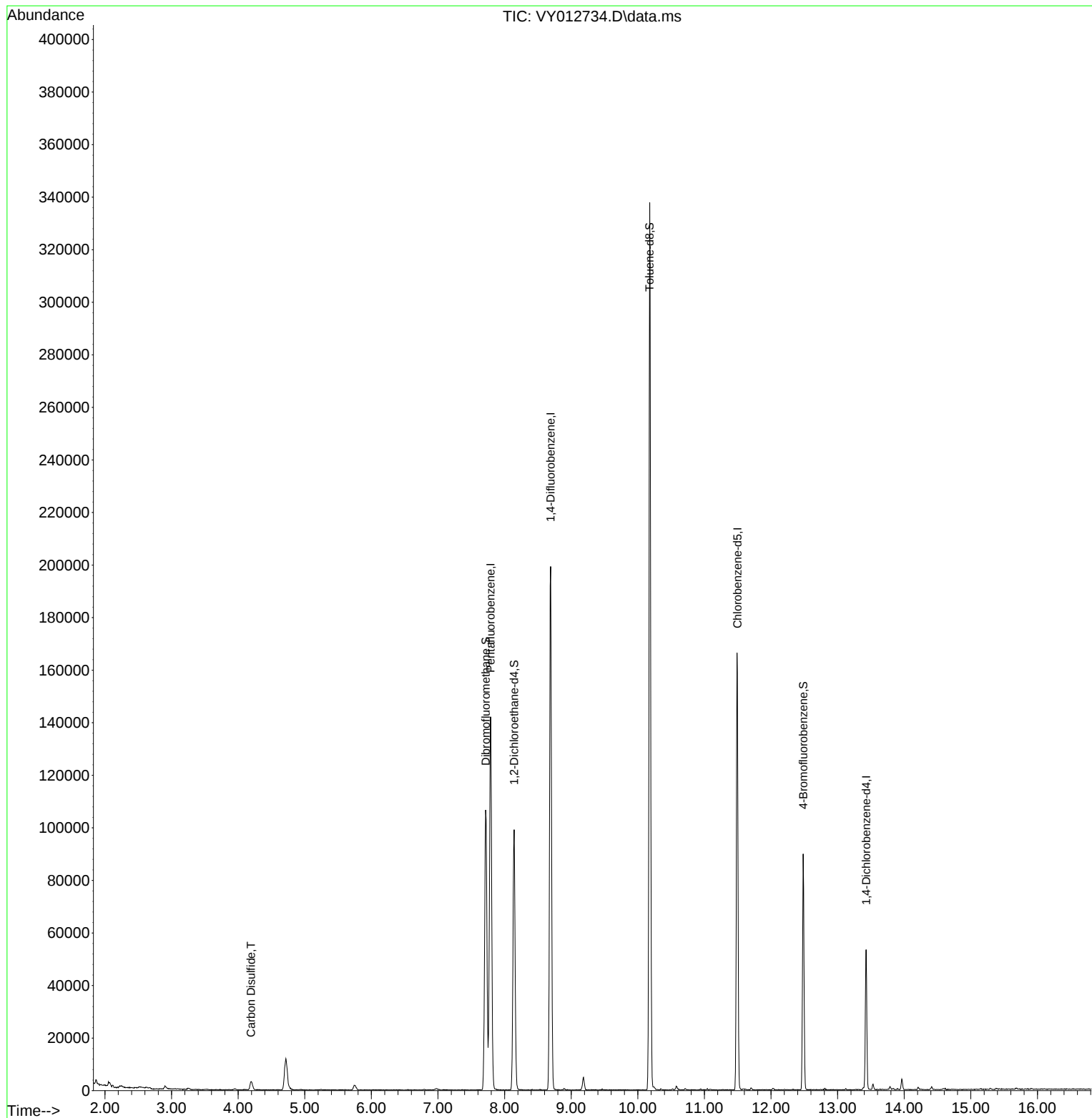
Internal Standards						
1) Pentafluorobenzene	7.789	168	110032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	168708	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	89129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	13483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74700	57.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.960%
35) Dibromofluoromethane	7.715	113	76132	66.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.620%
50) Toluene-d8	10.178	98	210132	49.222	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.483	95	23822	17.437	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	34.880%
Target Compounds						
17) Carbon Disulfide	4.192	76	6449	1.649	ug/l	97

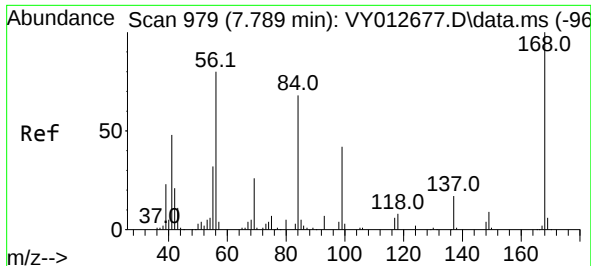
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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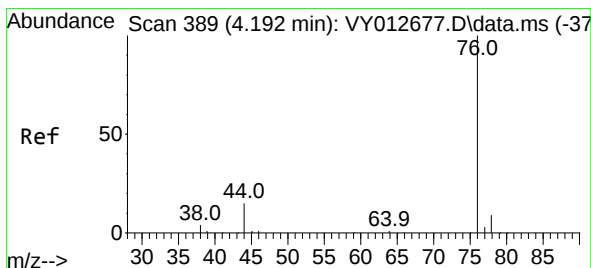
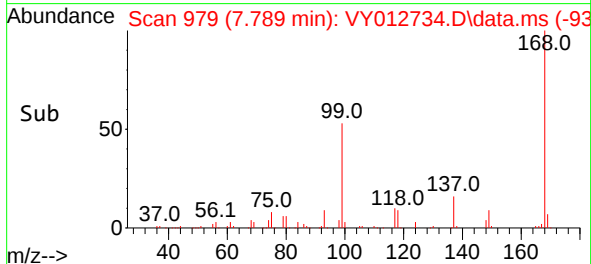
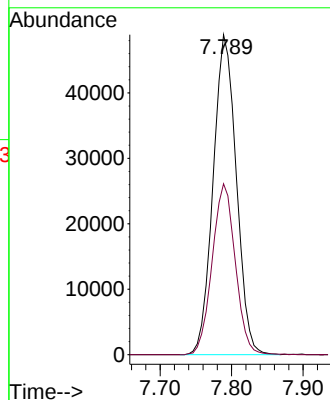
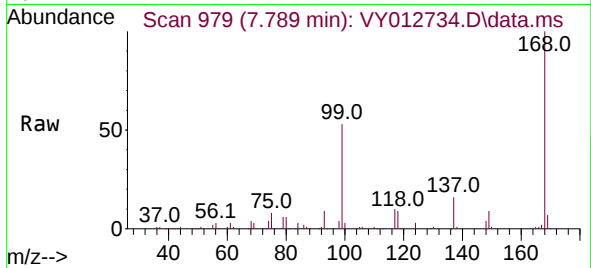




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

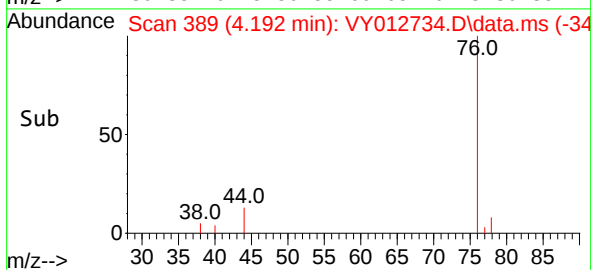
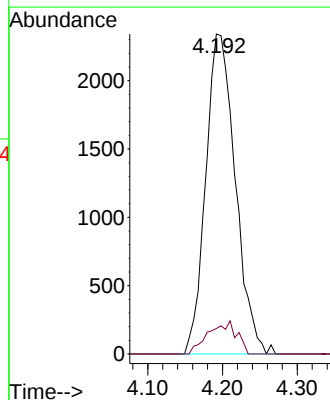
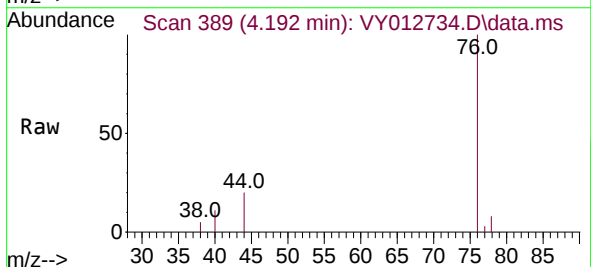
Instrument :
MSVOA_Y
ClientSampleId :
B-19-SB01

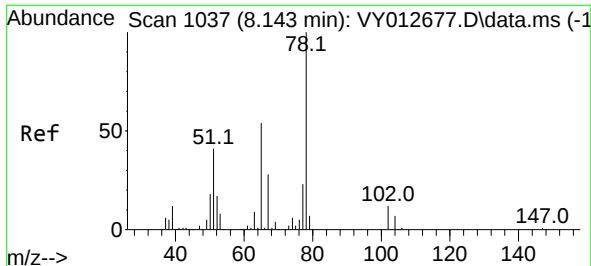
Tgt Ion:168 Resp: 110032
Ion Ratio Lower Upper
168 100
99 53.4 45.4 68.2



#17
Carbon Disulfide
Concen: 1.649 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

Tgt Ion: 76 Resp: 6449
Ion Ratio Lower Upper
76 100
78 8.0 7.1 10.7





#33

1,2-Dichloroethane-d4

Concen: 57.482 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012734.D

Acq: 27 Feb 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

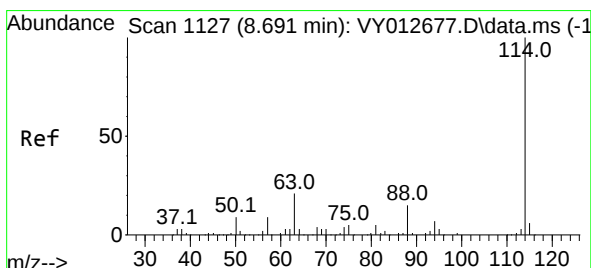
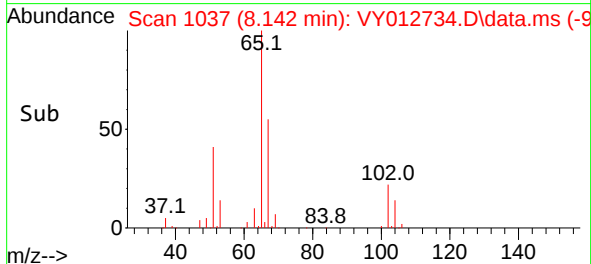
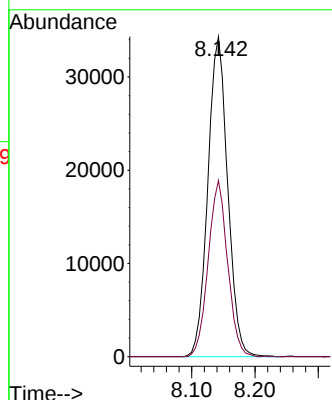
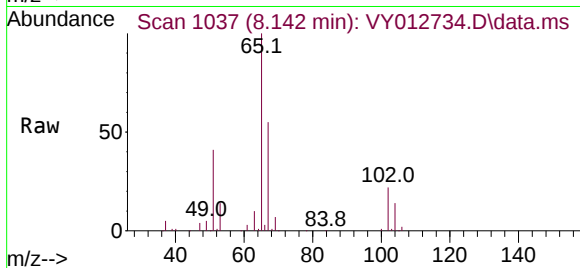
B-19-SB01

Tgt Ion: 65 Resp: 74700

Ion Ratio Lower Upper

65 100

67 53.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012734.D

Acq: 27 Feb 2023 14:11

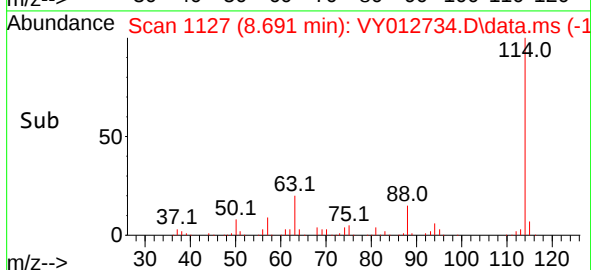
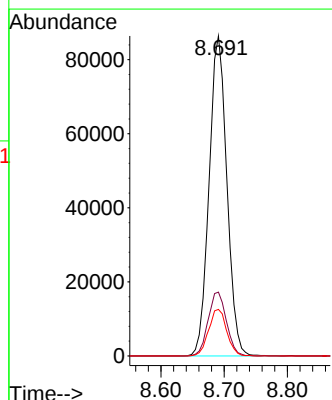
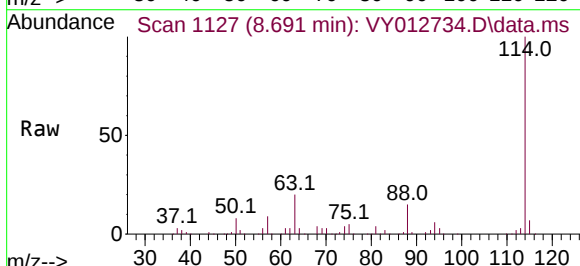
Tgt Ion: 114 Resp: 168708

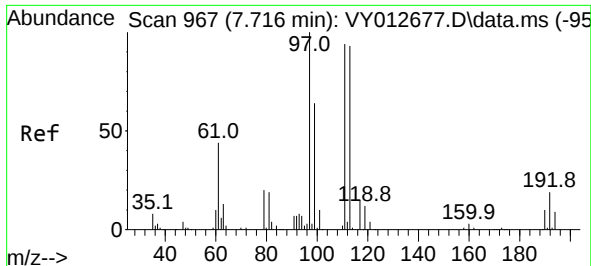
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 14.6 0.0 29.6





#35

Dibromofluoromethane

Concen: 66.811 ug/l

RT: 7.715 min Scan# 9

Delta R.T. -0.001 min

Lab File: VY012734.D

Acq: 27 Feb 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

B-19-SB01

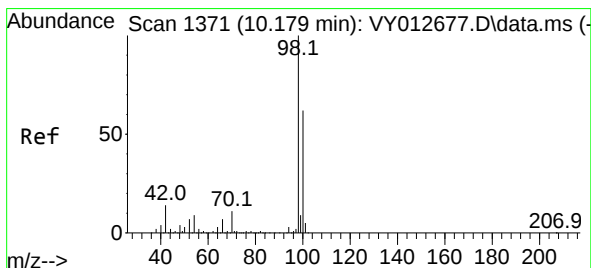
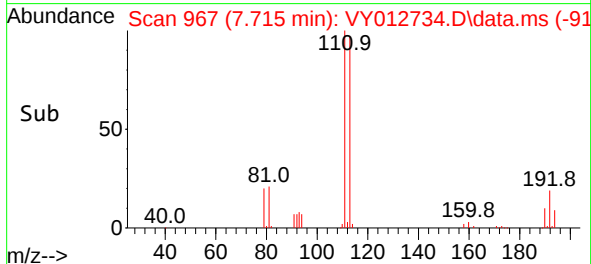
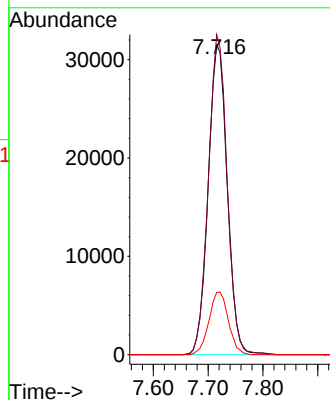
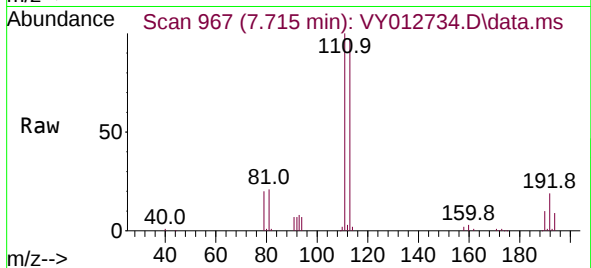
Tgt Ion:113 Resp: 76132

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

192 20.6 16.2 24.2



#50

Toluene-d8

Concen: 49.222 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY012734.D

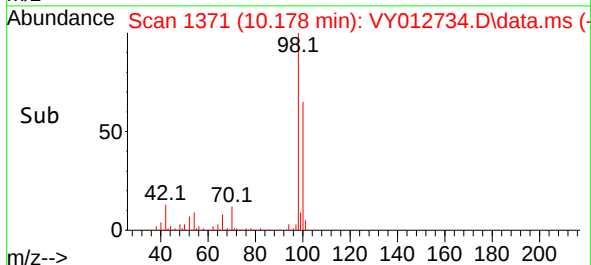
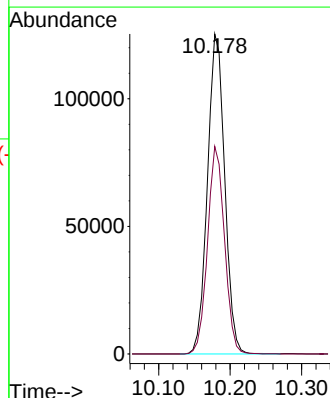
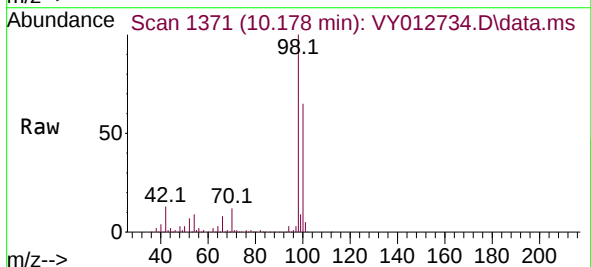
Acq: 27 Feb 2023 14:11

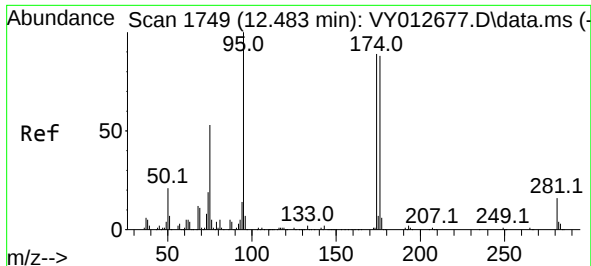
Tgt Ion: 98 Resp: 210132

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8

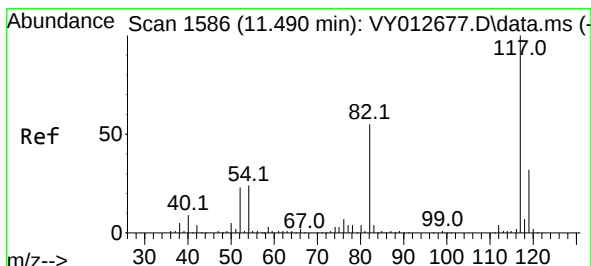
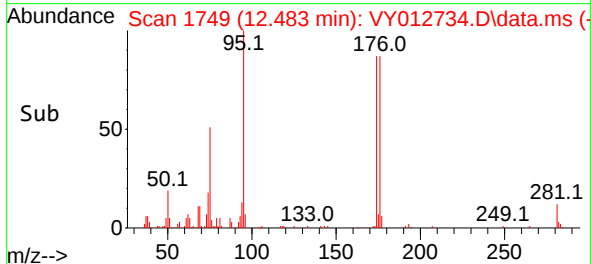
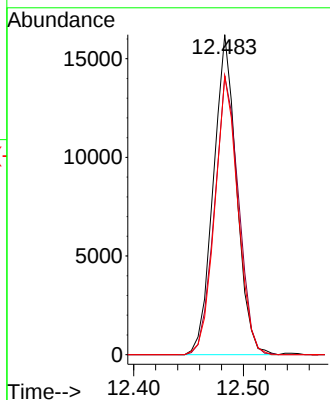
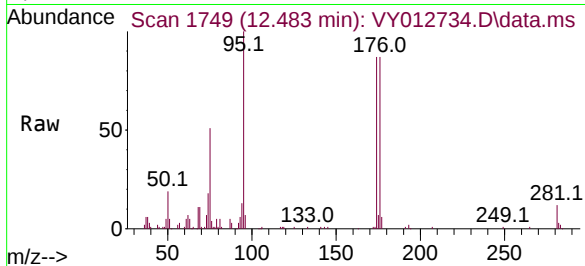




#62
4-Bromofluorobenzene
Concen: 17.437 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

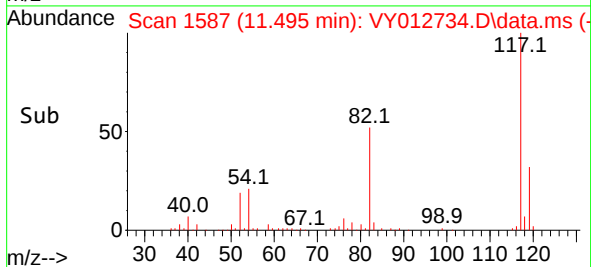
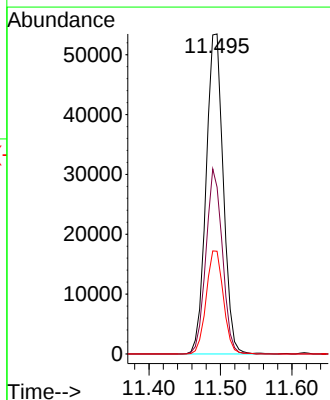
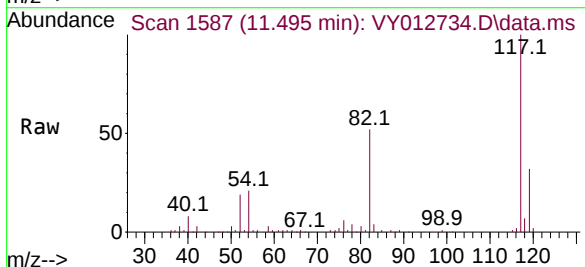
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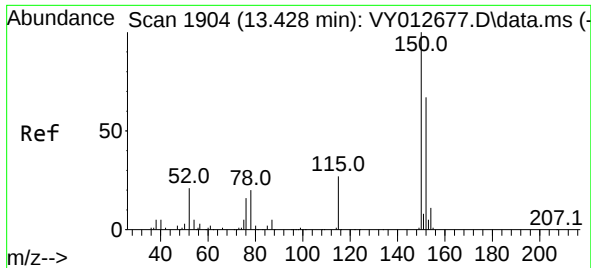
Tgt Ion: 95 Resp: 23822
Ion Ratio Lower Upper
95 100
174 90.2 0.0 172.8
176 86.6 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.005 min
Lab File: VY012734.D
Acq: 27 Feb 2023 14:11

Tgt Ion: 117 Resp: 89129
Ion Ratio Lower Upper
117 100
82 52.1 44.1 66.1
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY012734.D

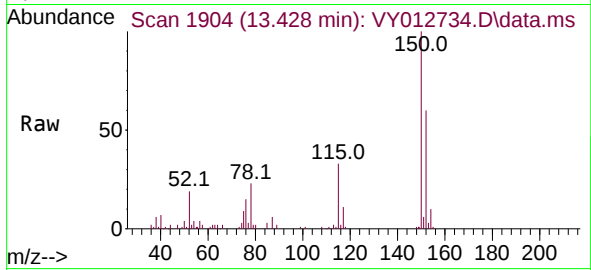
Acq: 27 Feb 2023 14:11

Instrument :

MSVOA_Y

ClientSampleId :

B-19-SB01



Tgt Ion:152 Resp: 13483

Ion Ratio Lower Upper

152 100

115 55.1 28.7 86.3

150 159.8 0.0 347.6

