

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022723\
 Data File : VY012735.D
 Acq On : 27 Feb 2023 14:34
 Operator : KP/MD
 Sample : 01701-02
 Misc : 4.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-19-SB02

Quant Time: Feb 28 00:22:45 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)

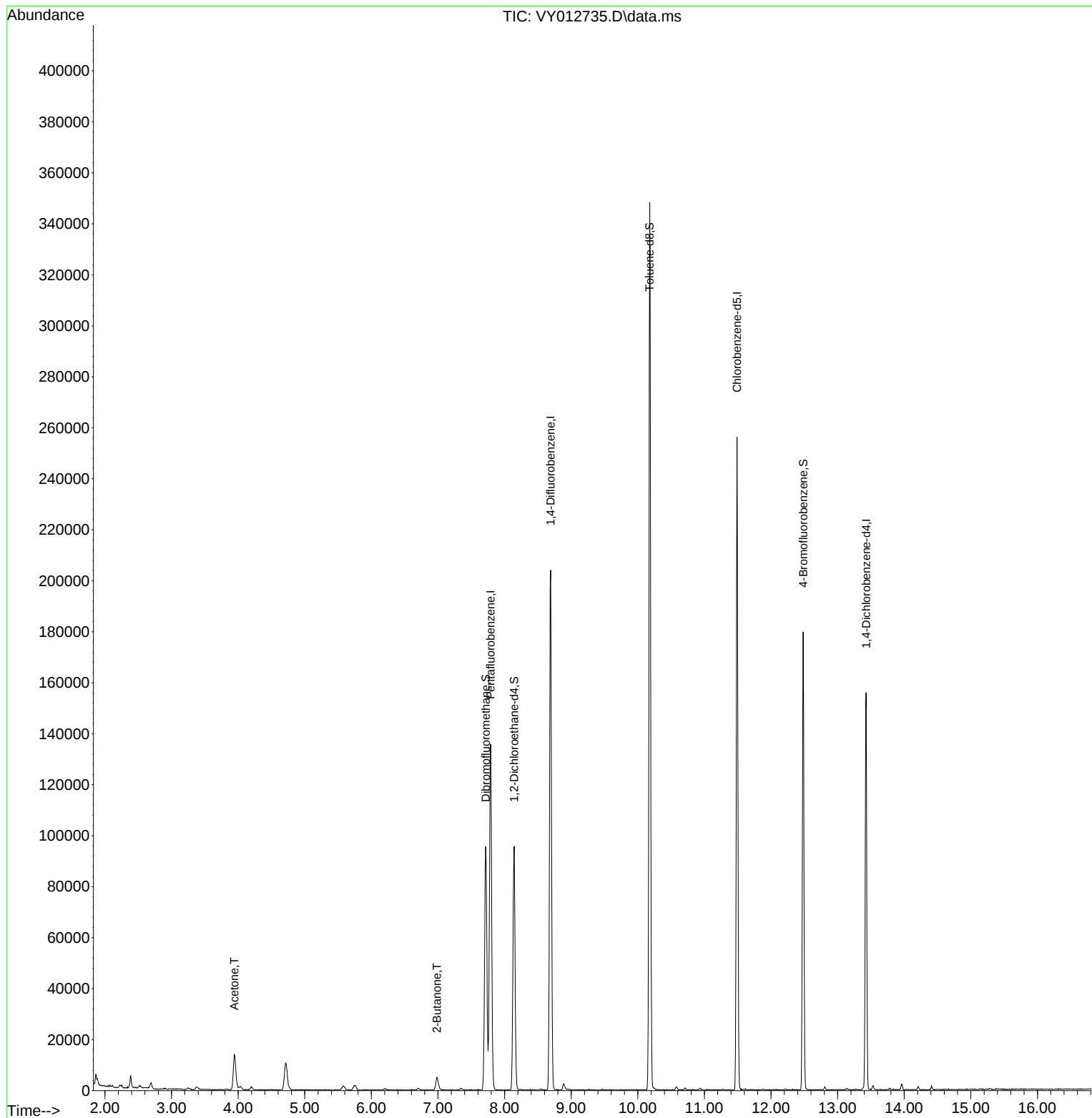
Internal Standards						
1) Pentafluorobenzene	7.789	168	108500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	174384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	130473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72448	56.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.080%
35) Dibromofluoromethane	7.716	113	67669	57.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.900%
50) Toluene-d8	10.179	98	222729	50.474	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.483	95	51295	36.325	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.660%
Target Compounds						
16) Acetone	3.942	43	24523	58.648	ug/l	97
25) 2-Butanone	6.984	43	7958	14.340	ug/l	91

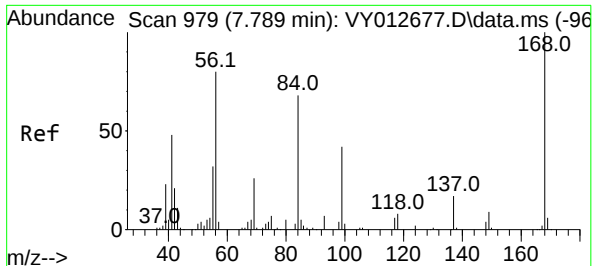
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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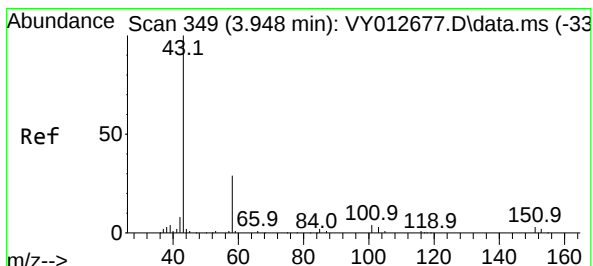
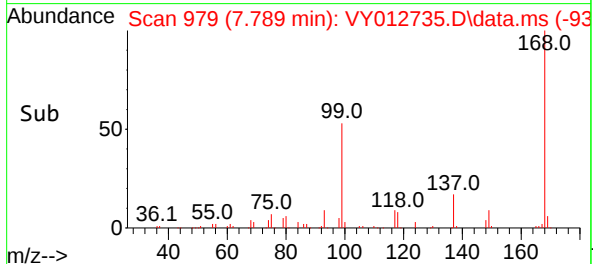
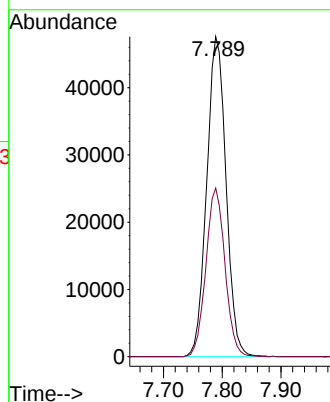
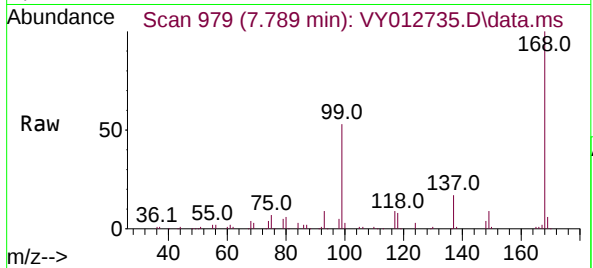




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012735.D
Acq: 27 Feb 2023 14:34

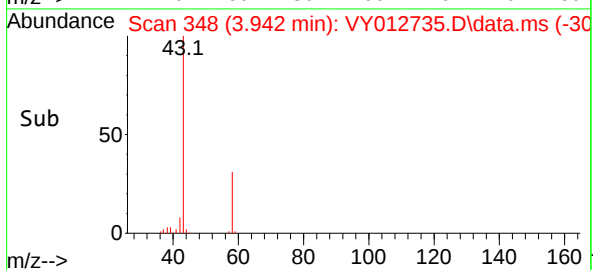
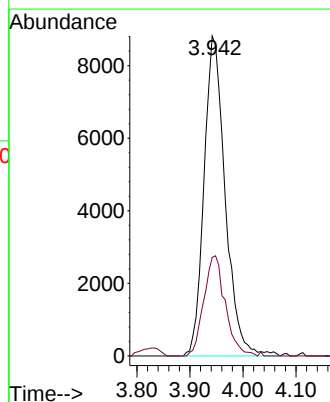
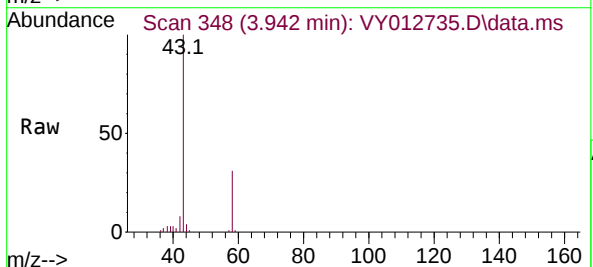
Instrument :
MSVOA_Y
ClientSampleId :
B-19-SB02

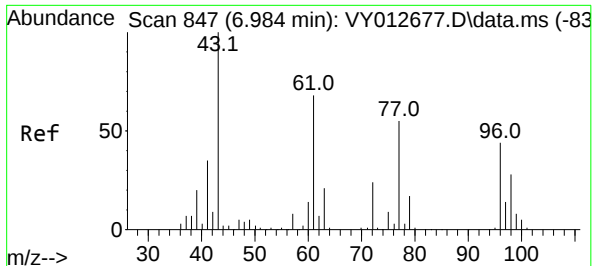
Tgt Ion:168 Resp: 108500
Ion Ratio Lower Upper
168 100
99 52.7 45.4 68.2



#16
Acetone
Concen: 58.648 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012735.D
Acq: 27 Feb 2023 14:34

Tgt Ion: 43 Resp: 24523
Ion Ratio Lower Upper
43 100
58 30.8 23.3 34.9





#25

2-Butanone

Concen: 14.340 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012735.D

Acq: 27 Feb 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

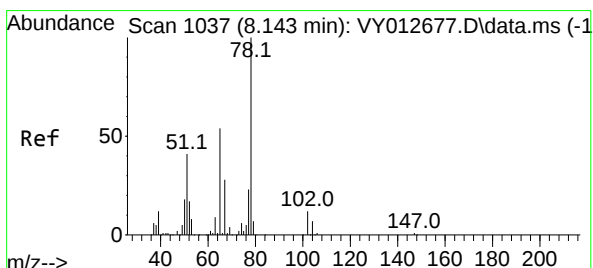
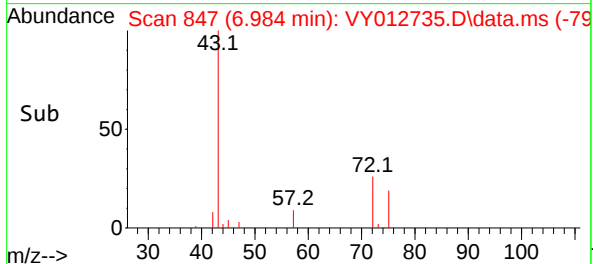
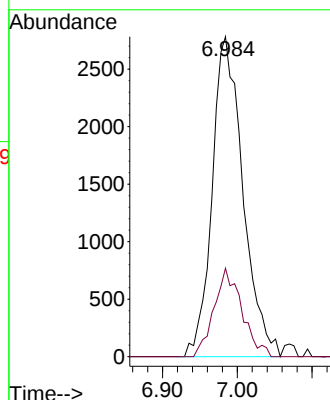
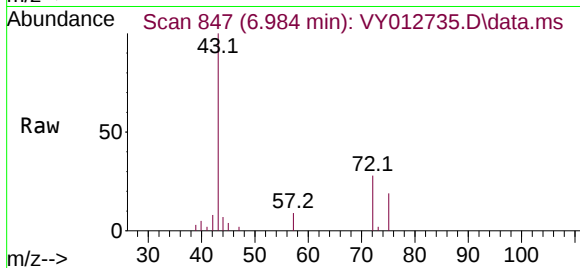
B-19-SB02

Tgt Ion: 43 Resp: 7958

Ion Ratio Lower Upper

43 100

72 27.7 18.8 28.2



#33

1,2-Dichloroethane-d4

Concen: 56.537 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012735.D

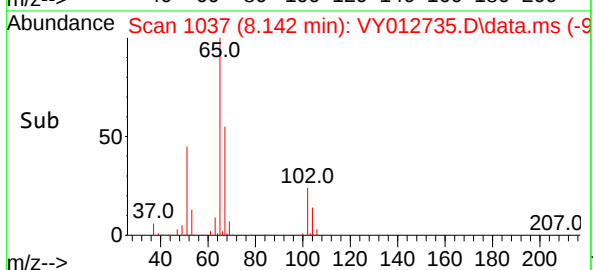
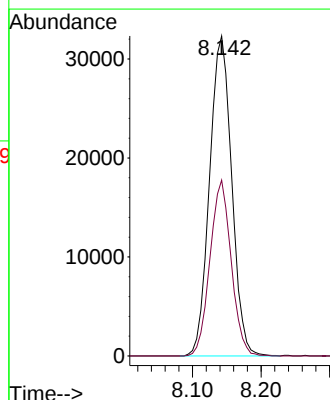
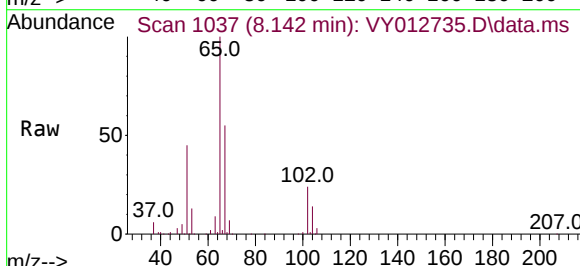
Acq: 27 Feb 2023 14:34

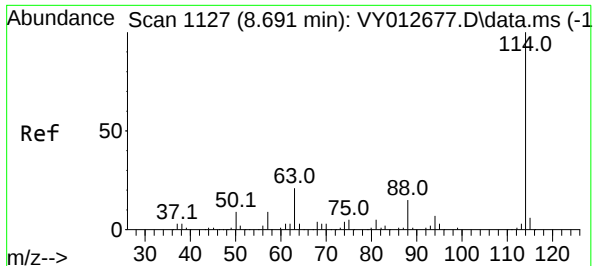
Tgt Ion: 65 Resp: 72448

Ion Ratio Lower Upper

65 100

67 52.6 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: VY012735.D

Acq: 27 Feb 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

B-19-SB02

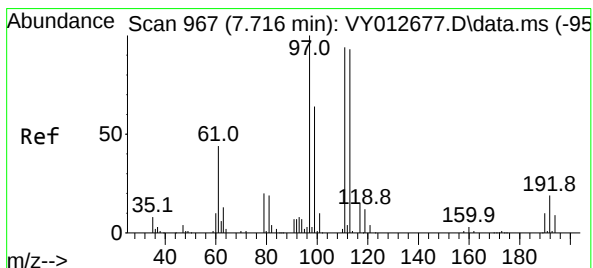
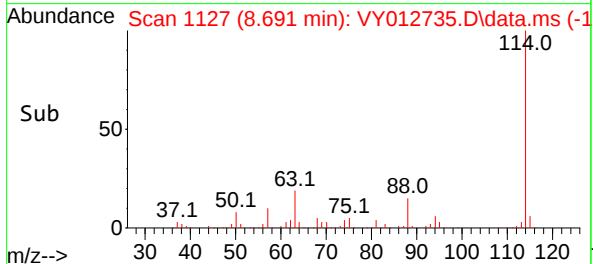
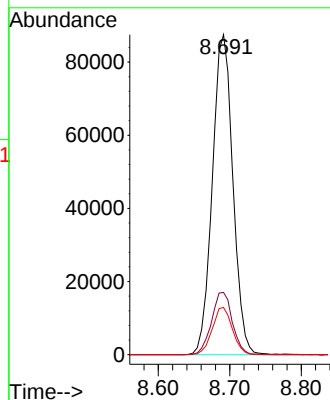
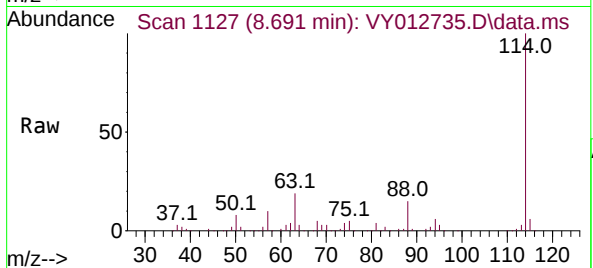
Tgt Ion:114 Resp: 174384

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.8

88 14.8 0.0 29.6



#35

Dibromofluoromethane

Concen: 57.451 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012735.D

Acq: 27 Feb 2023 14:34

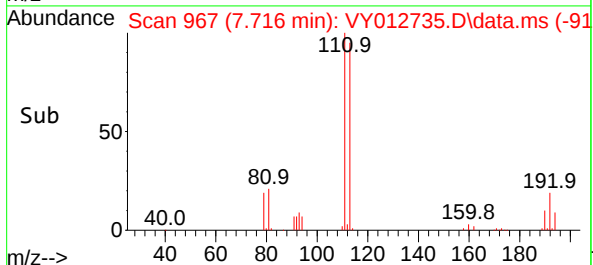
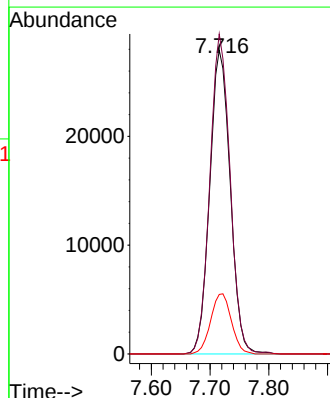
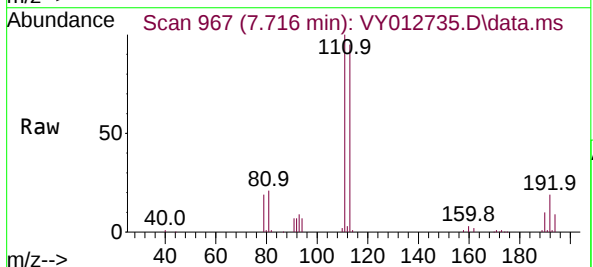
Tgt Ion:113 Resp: 67669

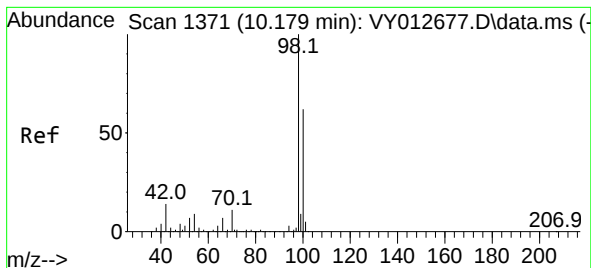
Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

192 20.0 16.2 24.2

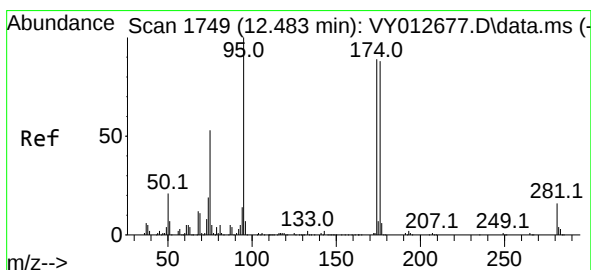
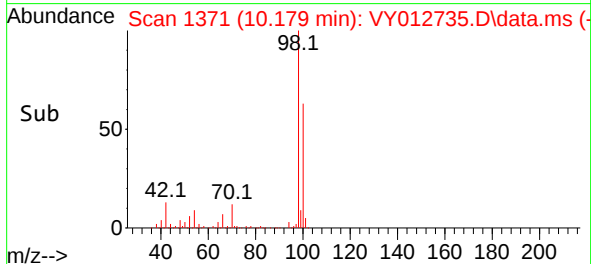
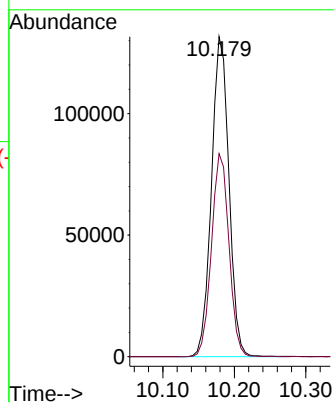
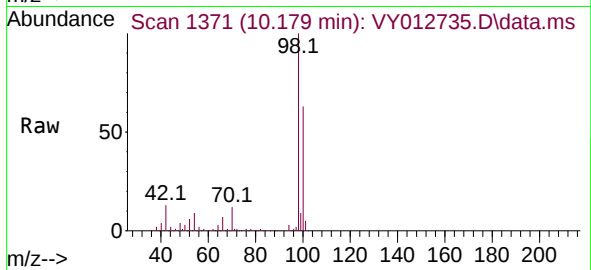




#50
Toluene-d8
Concen: 50.474 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012735.D
Acq: 27 Feb 2023 14:34

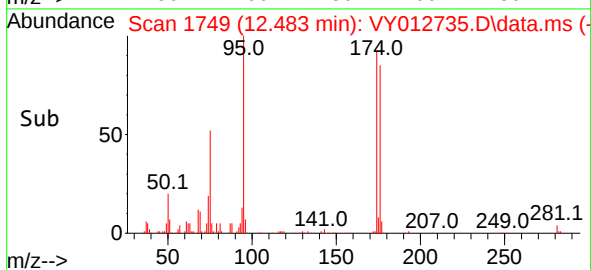
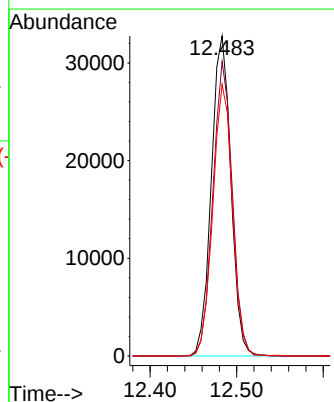
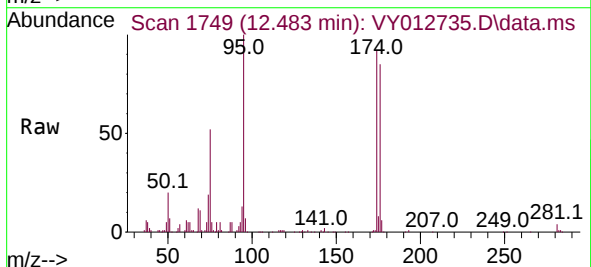
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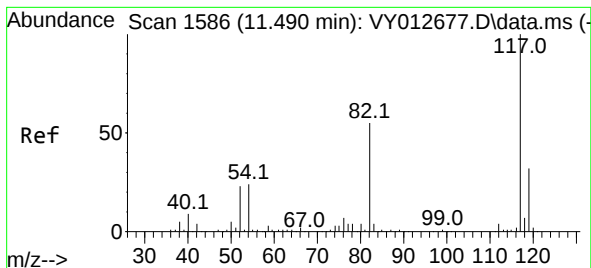
Tgt Ion: 98 Resp: 222729
Ion Ratio Lower Upper
98 100
100 63.6 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 36.325 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012735.D
Acq: 27 Feb 2023 14:34

Tgt Ion: 95 Resp: 51295
Ion Ratio Lower Upper
95 100
174 91.3 0.0 172.8
176 85.6 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012735.D

Acq: 27 Feb 2023 14:34

Instrument :

MSVOA_Y

ClientSampleId :

B-19-SB02

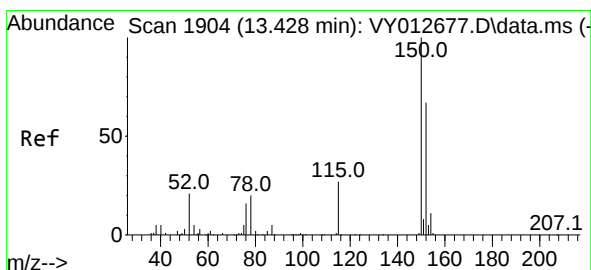
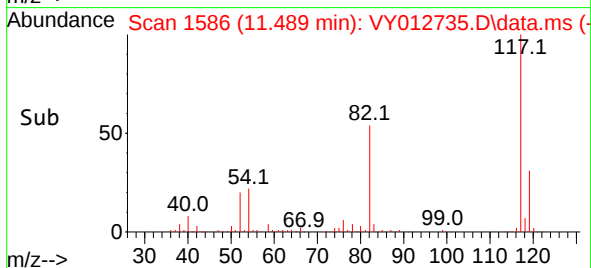
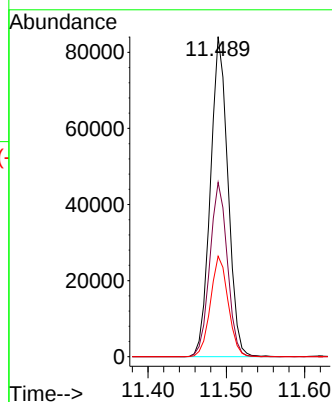
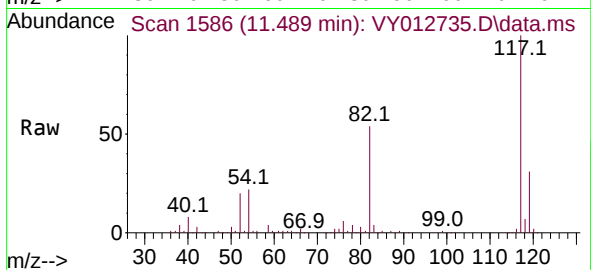
Tgt Ion:117 Resp: 130473

Ion Ratio Lower Upper

117 100

82 54.4 44.1 66.1

119 31.4 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: VY012735.D

Acq: 27 Feb 2023 14:34

Tgt Ion:152 Resp: 41391

Ion Ratio Lower Upper

152 100

115 54.0 28.7 86.3

150 154.8 0.0 347.6

