

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012615.D
 Acq On : 15 Feb 2023 15:17
 Operator : KP/MD
 Sample : 01552-17
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Feb 16 00:57:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

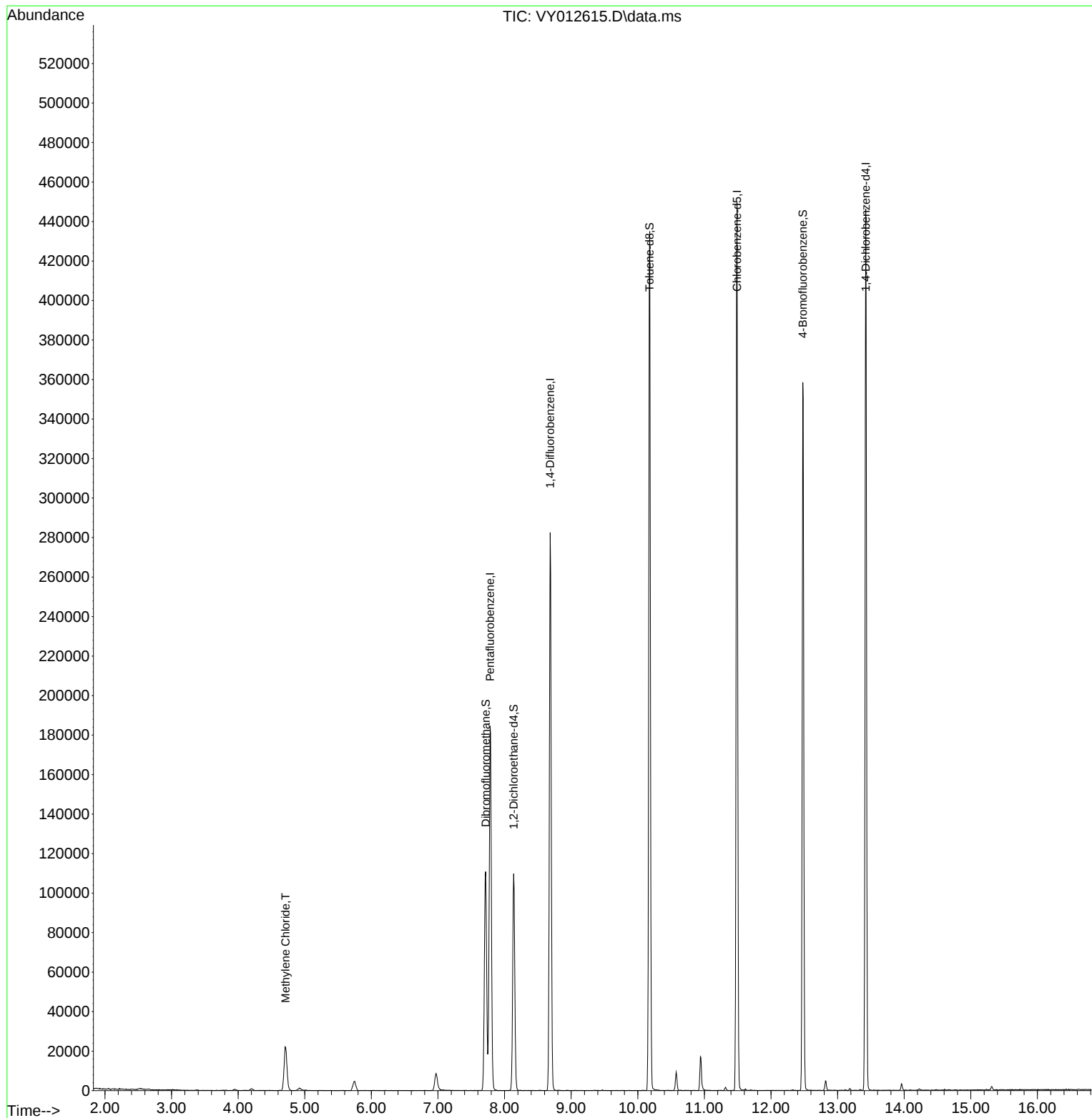
Internal Standards						
1) Pentafluorobenzene	7.783	168	150549	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	255896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	258191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	90188	47.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.220%
35) Dibromofluoromethane	7.716	113	75326	40.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.840%
50) Toluene-d8	10.179	98	300835	38.783	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.560%
62) 4-Bromofluorobenzene	12.477	95	103292	38.177	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.360%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	19001	7.450	ug/l	97

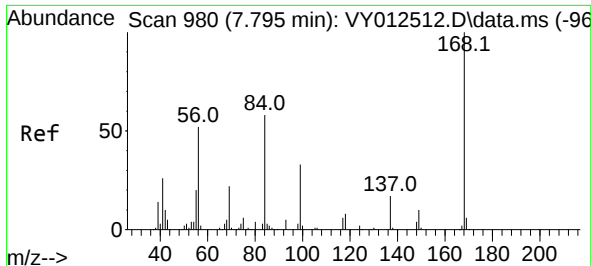
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
Data File : VY012615.D
Acq On : 15 Feb 2023 15:17
Operator : KP/MD
Sample : 01552-17
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

Quant Time: Feb 16 00:57:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration

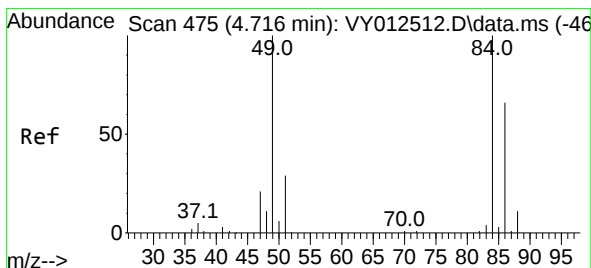
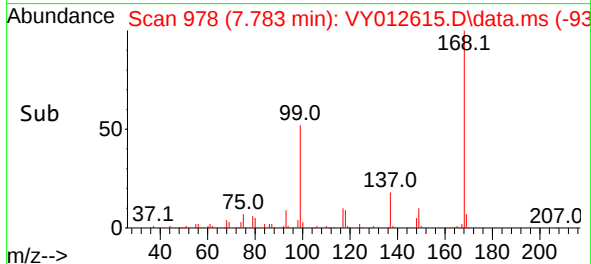
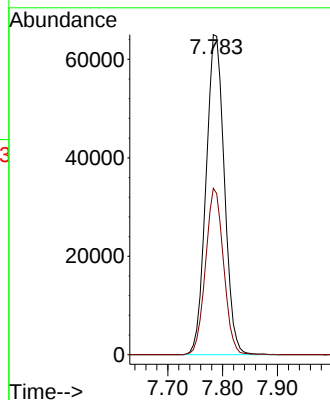
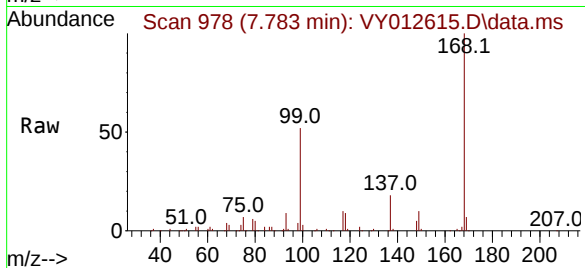




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY012615.D
Acq: 15 Feb 2023 15:17

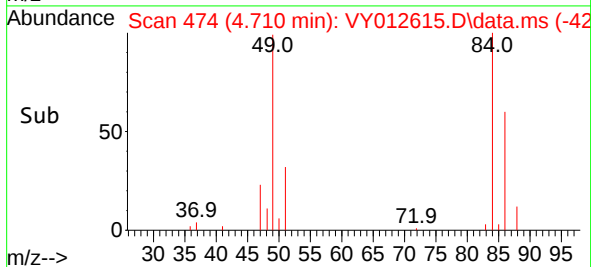
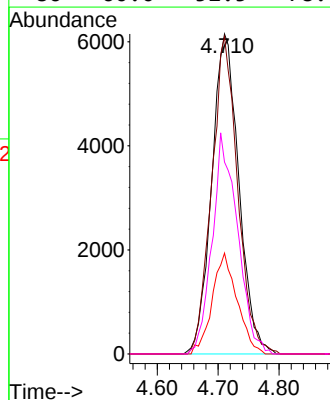
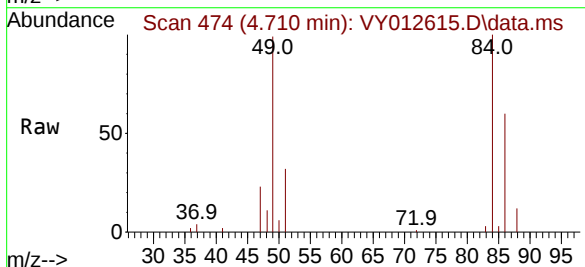
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

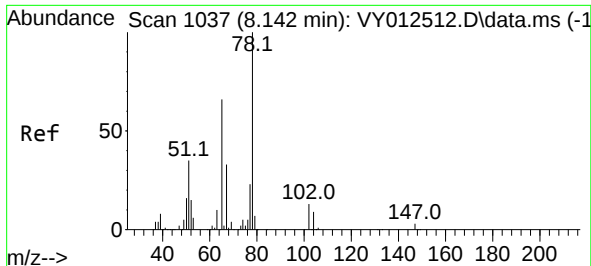
Tgt Ion:168 Resp: 150549
Ion Ratio Lower Upper
168 100
99 52.0 40.8 61.2



#20
Methylene Chloride
Concen: 7.450 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012615.D
Acq: 15 Feb 2023 15:17

Tgt Ion: 84 Resp: 19001
Ion Ratio Lower Upper
84 100
49 99.1 79.8 119.6
51 31.5 23.4 35.2
86 60.0 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 47.110 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY012615.D

Acq: 15 Feb 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

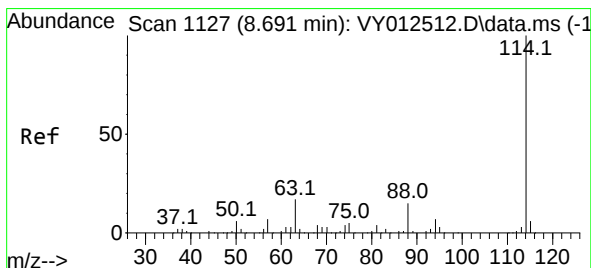
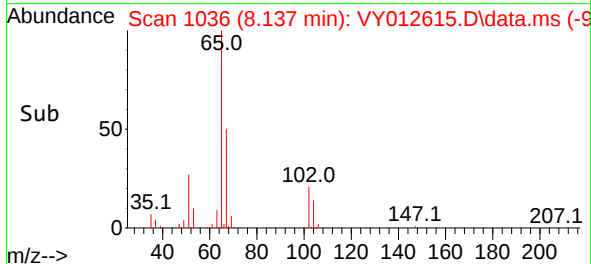
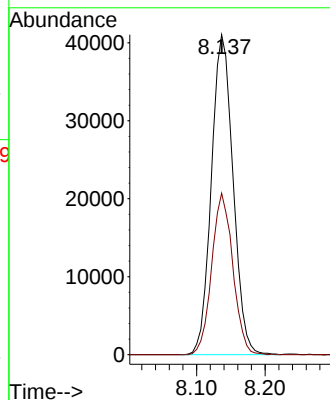
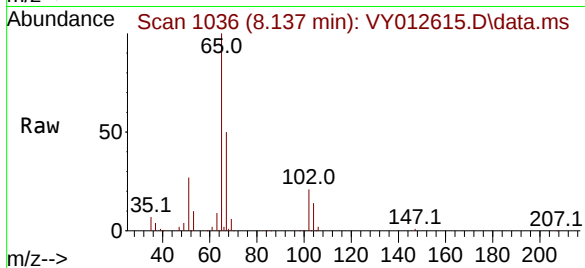
SB-02-0-2.0

Tgt Ion: 65 Resp: 90188

Ion Ratio Lower Upper

65 100

67 49.1 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012615.D

Acq: 15 Feb 2023 15:17

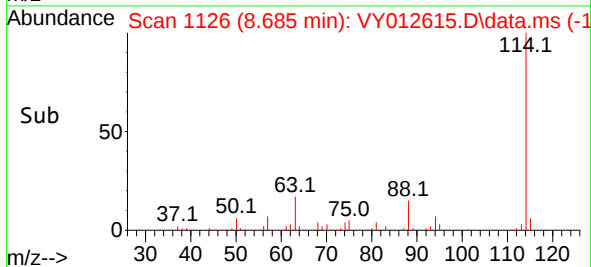
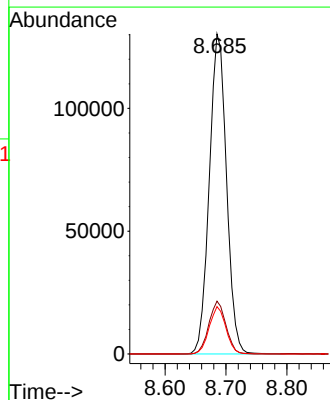
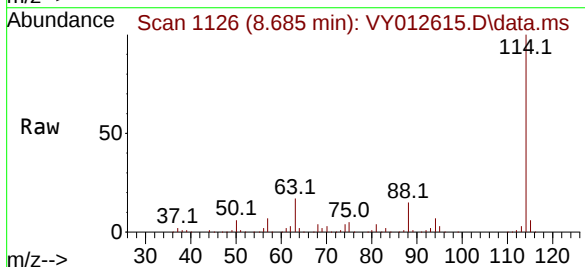
Tgt Ion: 114 Resp: 255896

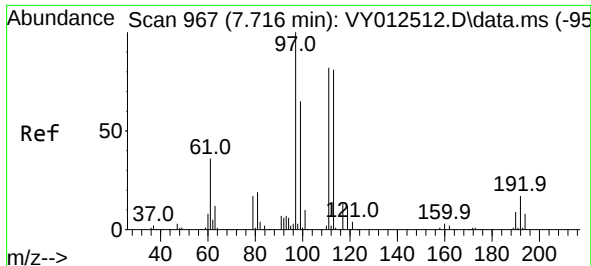
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.6

88 14.8 0.0 29.8

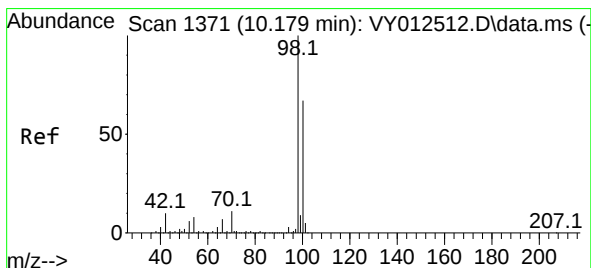
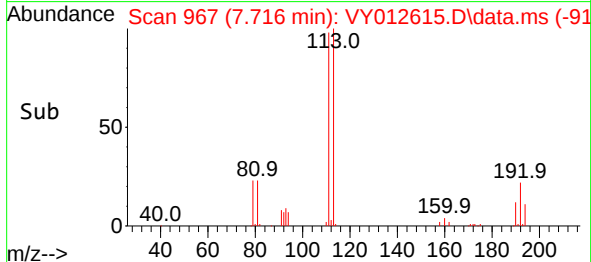
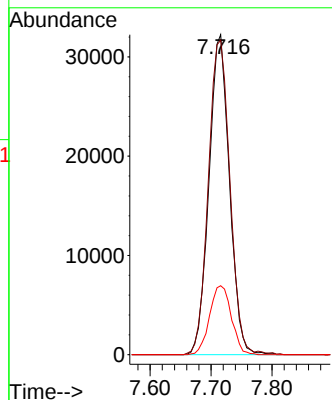
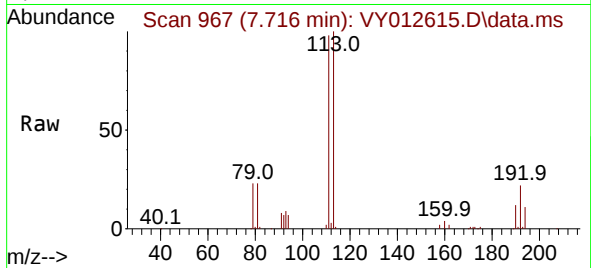




#35
Dibromofluoromethane
Concen: 40.420 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012615.D
Acq: 15 Feb 2023 15:17

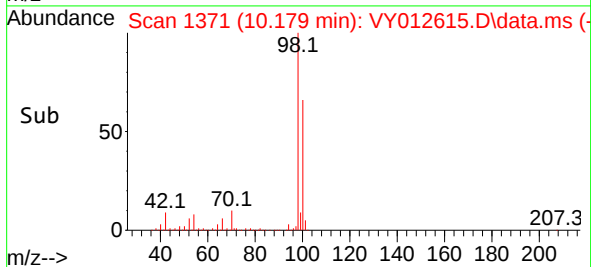
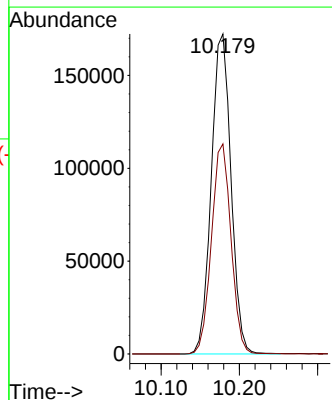
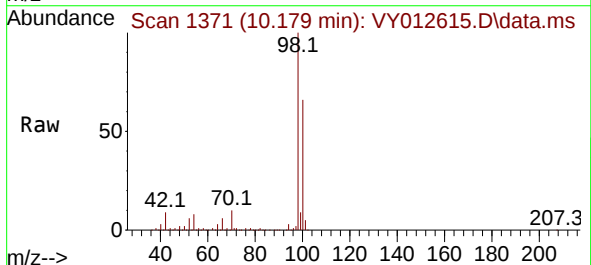
Instrument :
MSVOA_Y
ClientSampleId :
SB-02-0-2.0

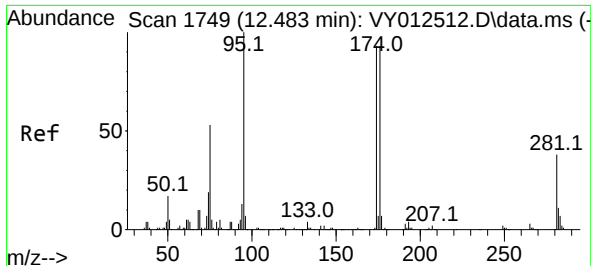
Tgt Ion:113 Resp: 75326
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 22.9 17.5 26.3



#50
Toluene-d8
Concen: 38.783 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012615.D
Acq: 15 Feb 2023 15:17

Tgt Ion: 98 Resp: 300835
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 38.177 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY012615.D

Acq: 15 Feb 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0

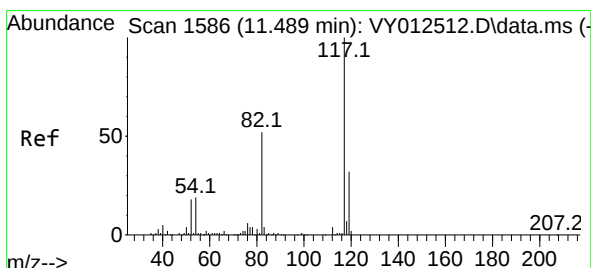
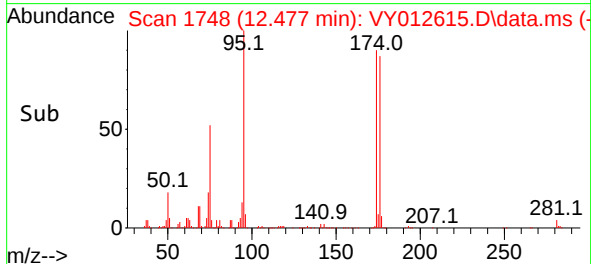
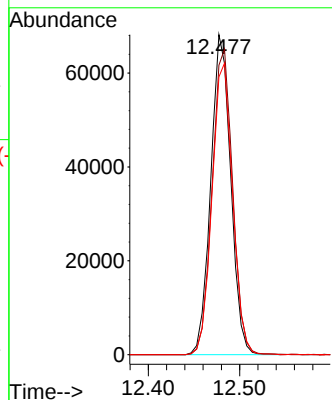
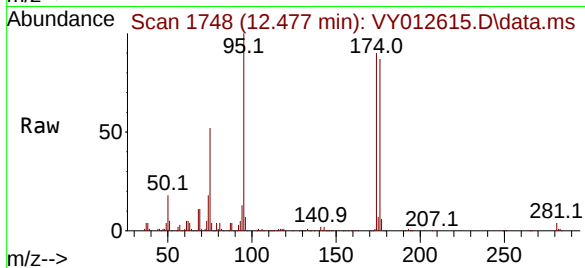
Tgt Ion: 95 Resp: 103292

Ion Ratio Lower Upper

95 100

174 98.3 0.0 188.0

176 93.9 0.0 183.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY012615.D

Acq: 15 Feb 2023 15:17

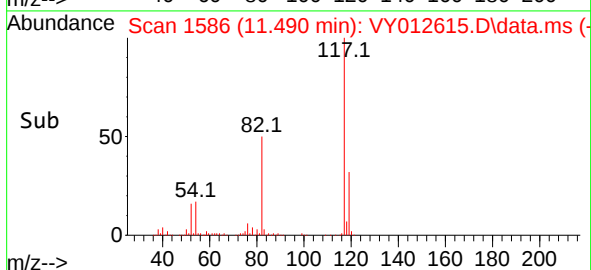
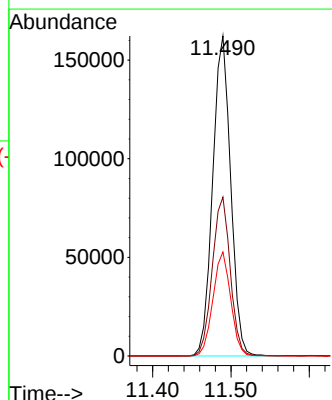
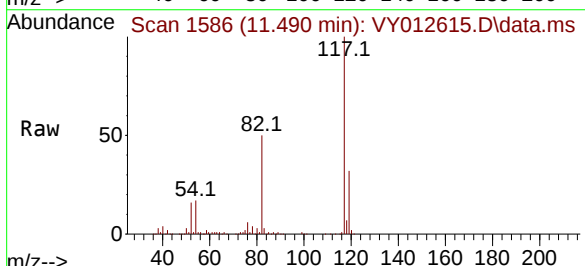
Tgt Ion: 117 Resp: 258191

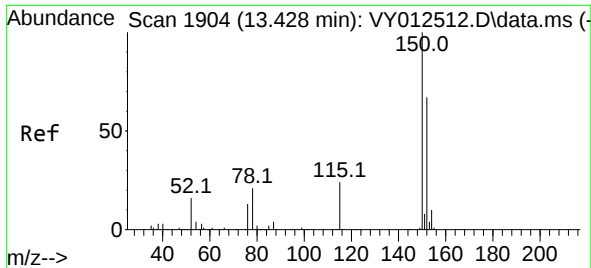
Ion Ratio Lower Upper

117 100

82 49.7 41.7 62.5

119 32.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012615.D

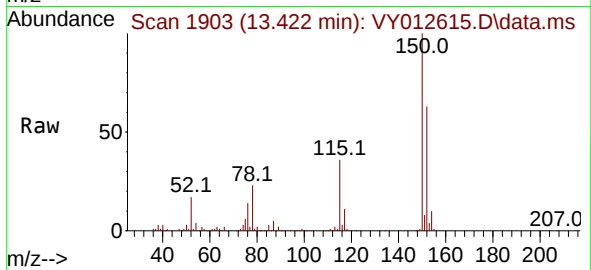
Acq: 15 Feb 2023 15:17

Instrument :

MSVOA_Y

ClientSampleId :

SB-02-0-2.0



Tgt Ion:152 Resp: 122706

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.3

150 156.6 0.0 351.0

