

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
 Data File : VY017506.D
 Acq On : 27 Feb 2024 18:59
 Operator : SY/MD
 Sample : P1564-01
 Misc : 3.33g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LKWD-BACKFILL-09

Quant Time: Feb 28 00:21:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	108449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	183460	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64532	62.786	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.580%
35) Dibromofluoromethane	7.722	113	70811	50.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.360%
50) Toluene-d8	10.185	98	236301	47.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.483	95	66833	43.098	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.200%

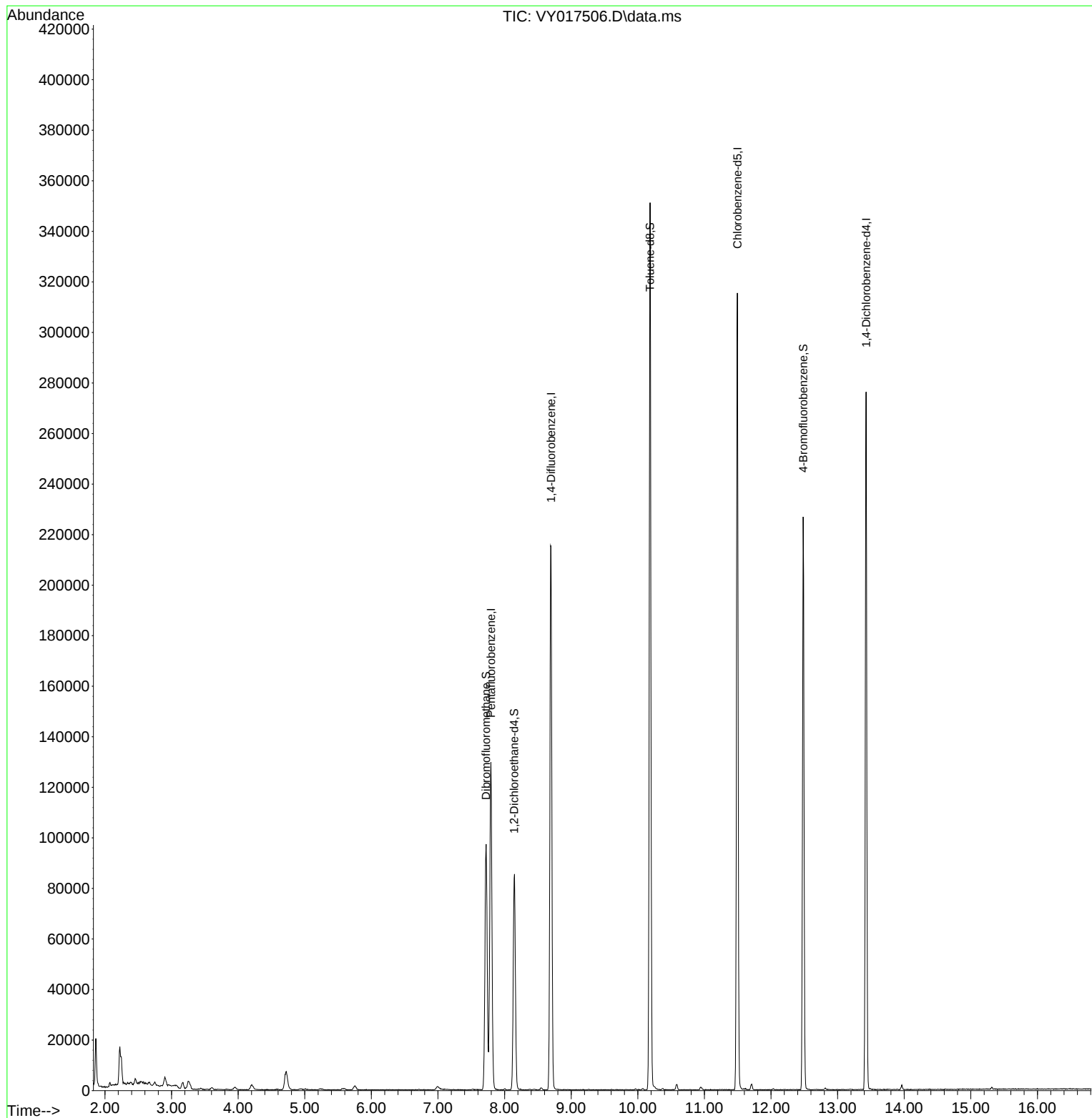
Target Compounds	Qvalue

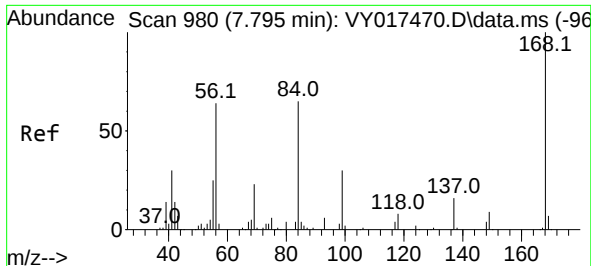
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022724\
Data File : VY017506.D
Acq On : 27 Feb 2024 18:59
Operator : SY/MD
Sample : P1564-01
Misc : 3.33g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-09

Quant Time: Feb 28 00:21:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

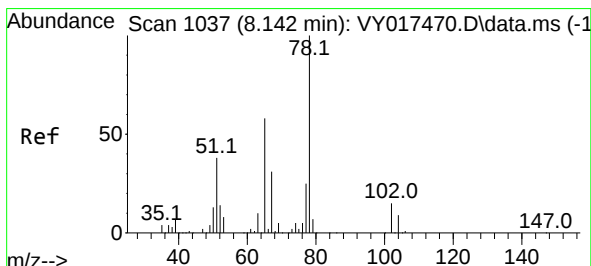
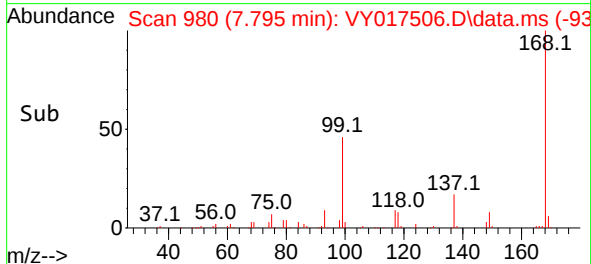
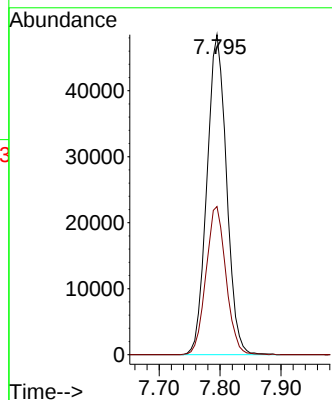
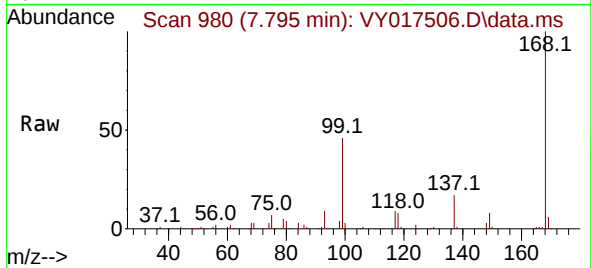




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY017506.D
Acq: 27 Feb 2024 18:59

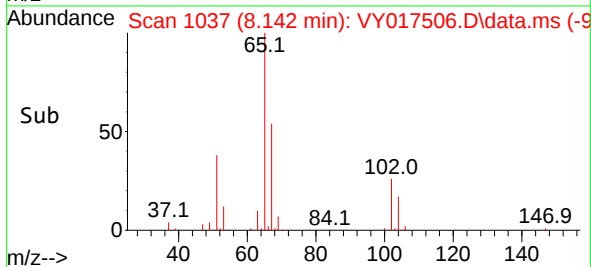
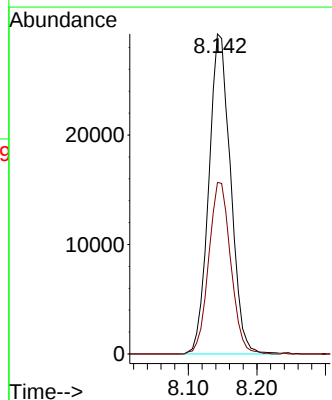
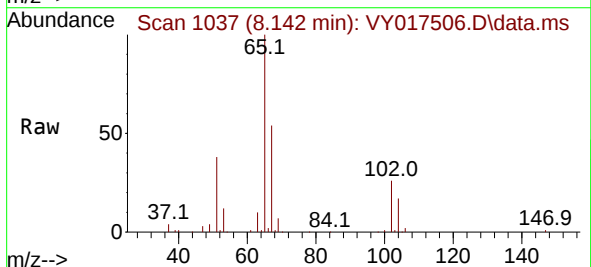
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-09

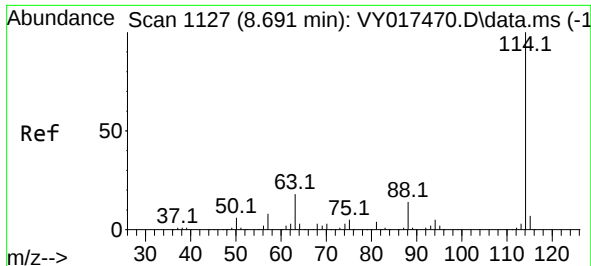
Tgt Ion:168 Resp: 108449
Ion Ratio Lower Upper
168 100
99 46.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 62.786 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017506.D
Acq: 27 Feb 2024 18:59

Tgt Ion: 65 Resp: 64532
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017506.D

Acq: 27 Feb 2024 18:59

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-09

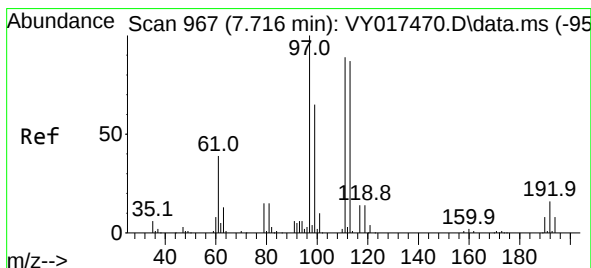
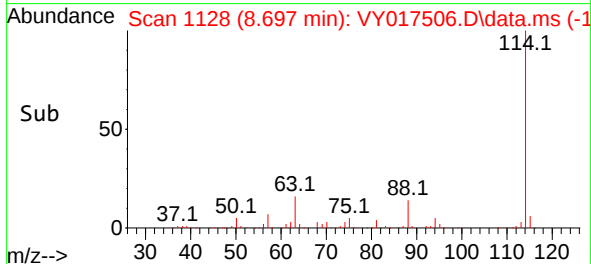
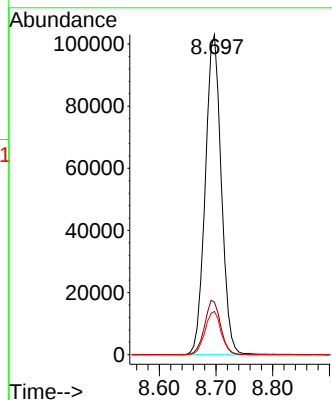
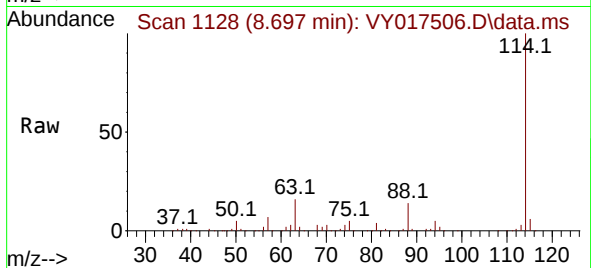
Tgt Ion:114 Resp: 202526

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 13.5 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.176 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017506.D

Acq: 27 Feb 2024 18:59

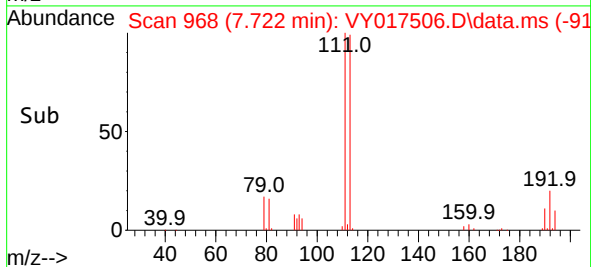
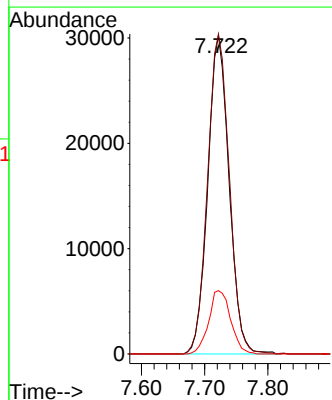
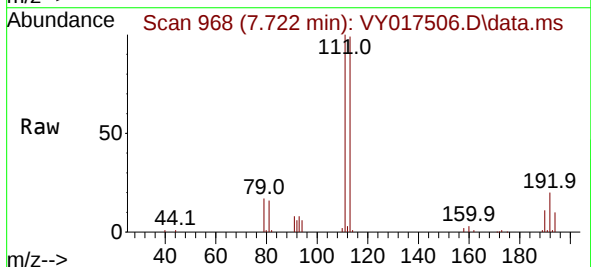
Tgt Ion:113 Resp: 70811

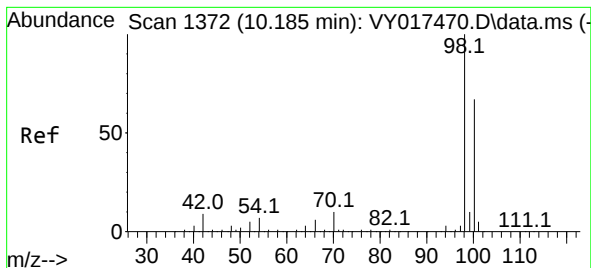
Ion Ratio Lower Upper

113 100

111 102.2 82.2 123.4

192 20.5 15.9 23.9

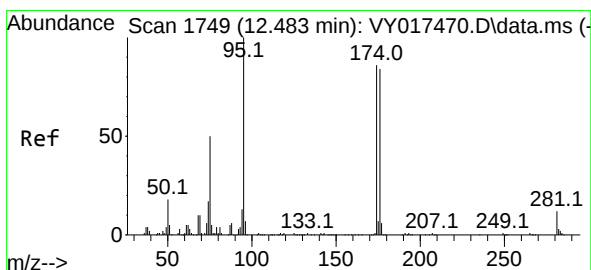
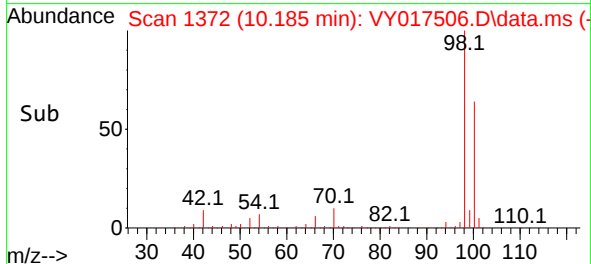
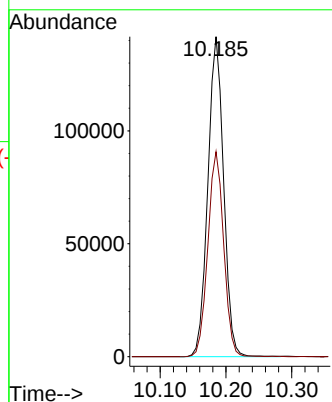
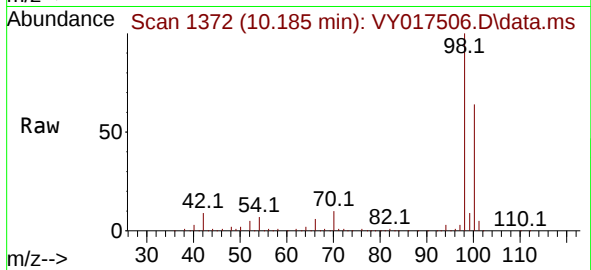




#50
Toluene-d8
Concen: 47.889 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017506.D
Acq: 27 Feb 2024 18:59

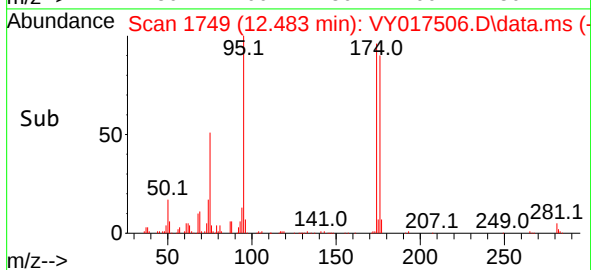
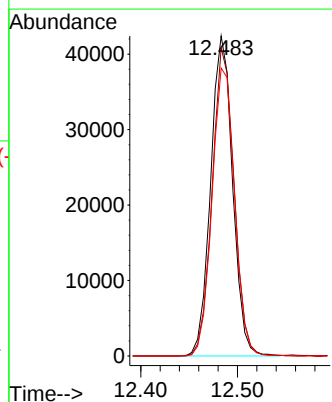
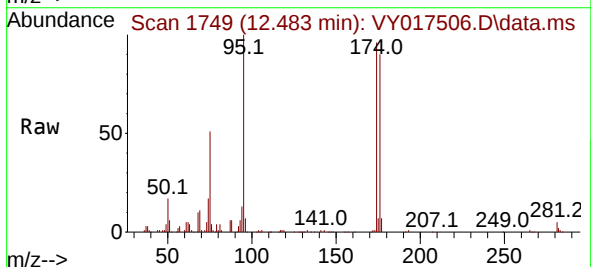
Instrument :
MSVOA_Y
ClientSampleId :
LKWD-BACKFILL-09

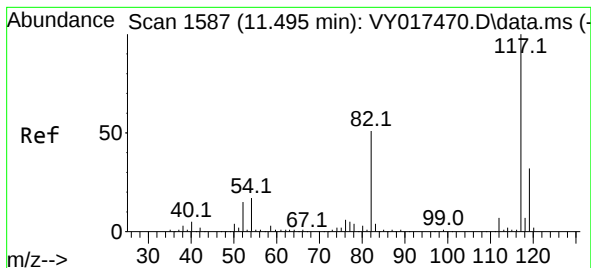
Tgt Ion: 98 Resp: 236301
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.098 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017506.D
Acq: 27 Feb 2024 18:59

Tgt Ion: 95 Resp: 66833
Ion Ratio Lower Upper
95 100
174 96.1 0.0 175.6
176 92.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017506.D

Acq: 27 Feb 2024 18:59

Instrument :

MSVOA_Y

ClientSampleId :

LKWD-BACKFILL-09

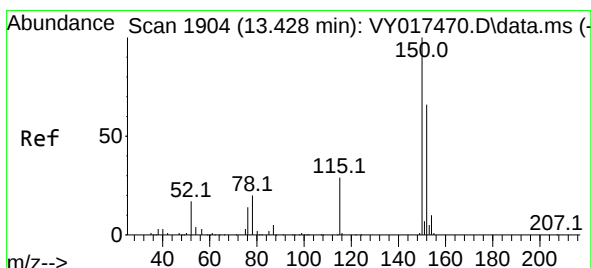
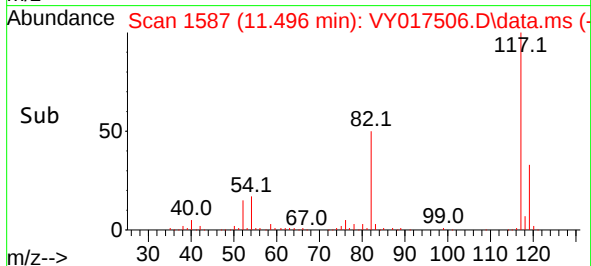
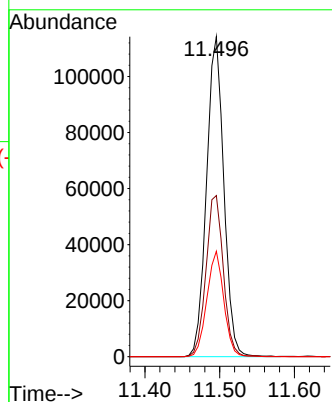
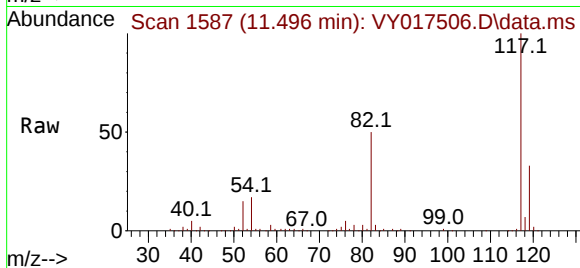
Tgt Ion:117 Resp: 183460

Ion Ratio Lower Upper

117 100

82 50.4 42.4 63.6

119 32.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017506.D

Acq: 27 Feb 2024 18:59

Tgt Ion:152 Resp: 75403

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 156.6 0.0 345.6

