

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017305.D
 Acq On : 08 Feb 2024 12:08
 Operator : SY/MD
 Sample : VY0208SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0208SBL01

Quant Time: Feb 09 00:11:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	90702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	179479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	147382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	51701	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	42361	52.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.560%
35) Dibromofluoromethane	7.722	113	42505	43.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.720%
50) Toluene-d8	10.185	98	157426	44.618	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.240%
62) 4-Bromofluorobenzene	12.489	95	40632	35.155	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.300%

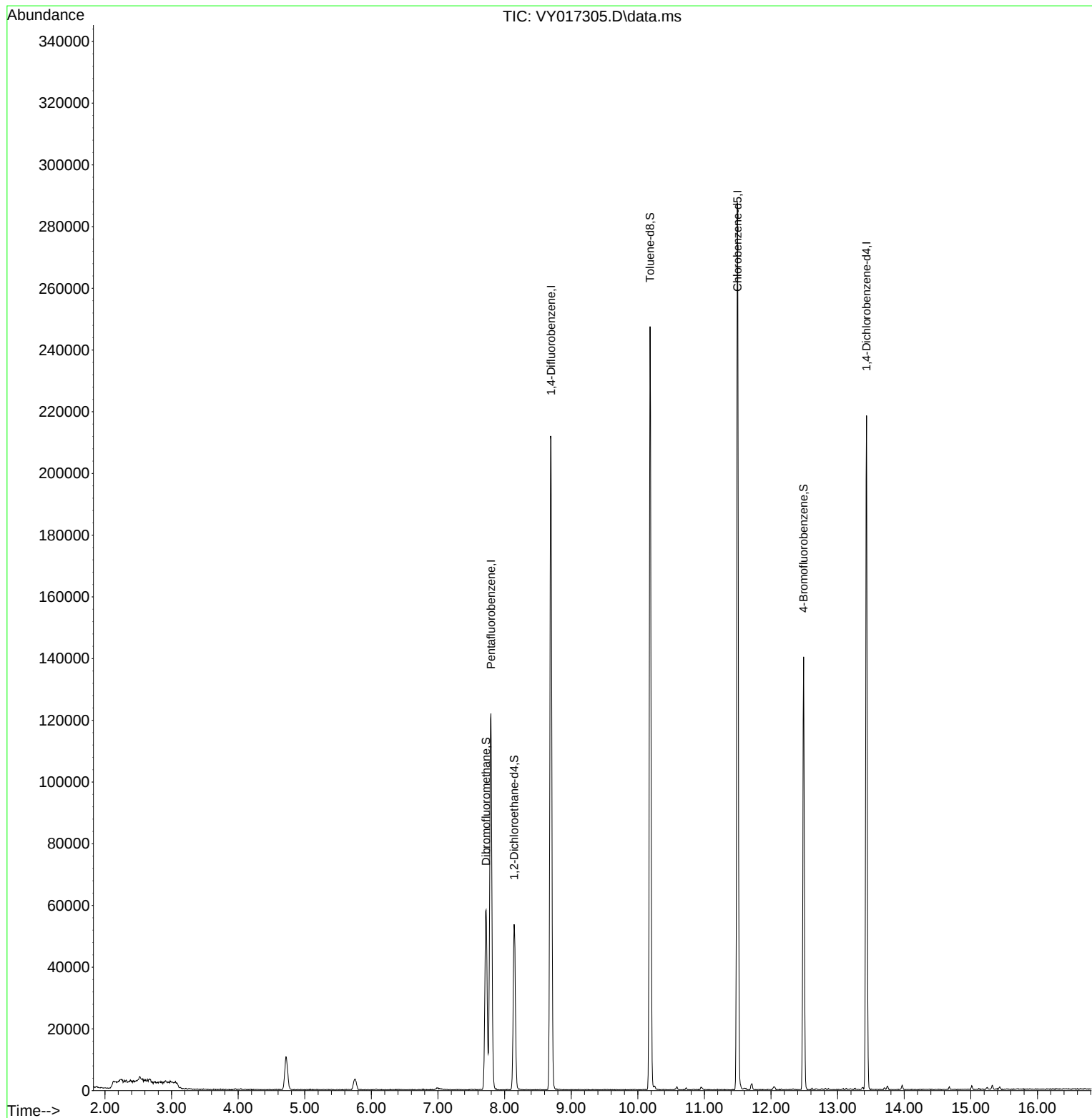
Target Compounds	Qvalue

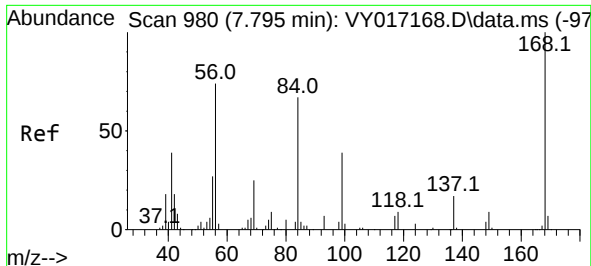
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
Data File : VY017305.D
Acq On : 08 Feb 2024 12:08
Operator : SY/MD
Sample : VY0208SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0208SBL01

Quant Time: Feb 09 00:11:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

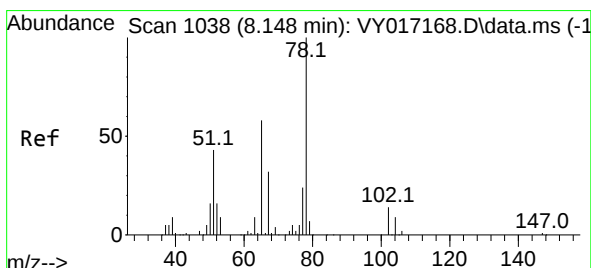
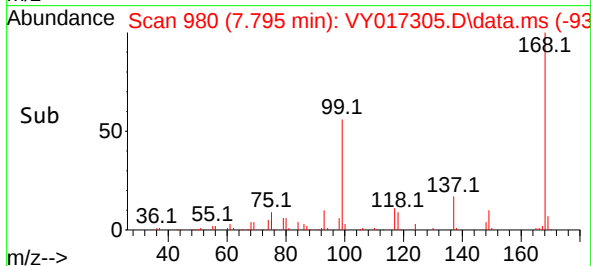
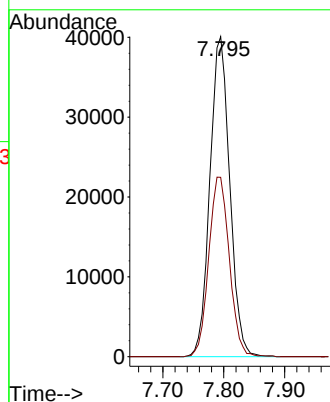
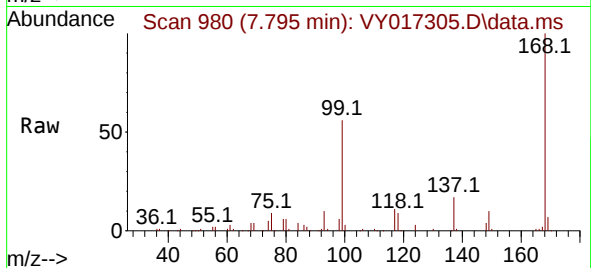




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

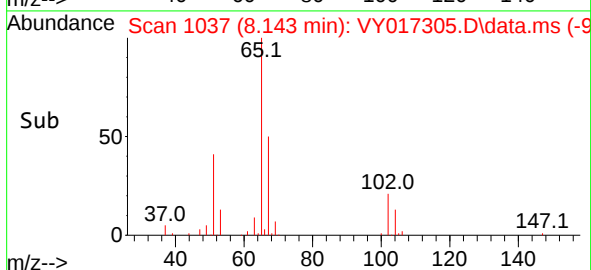
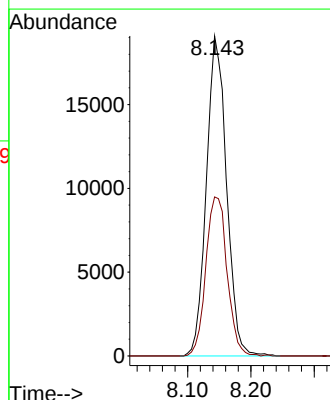
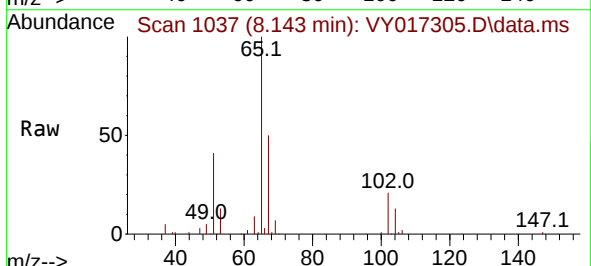
Instrument :
MSVOA_Y
ClientSampleId :
VY0208SBL01

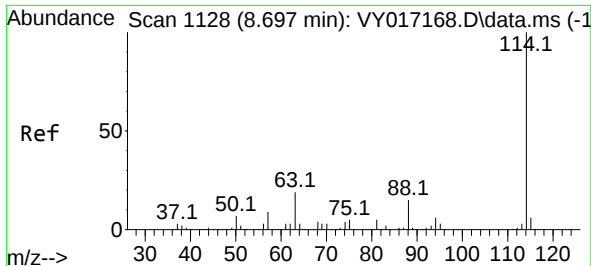
Tgt Ion:168 Resp: 90702
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.280 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

Tgt Ion: 65 Resp: 42361
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017305.D

Acq: 08 Feb 2024 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY0208SBL01

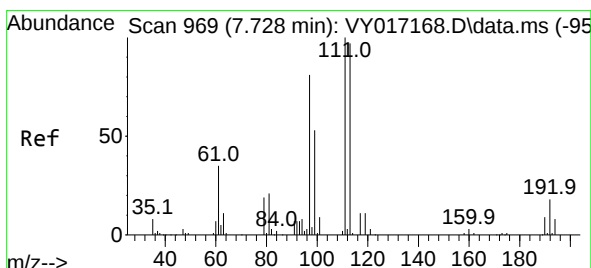
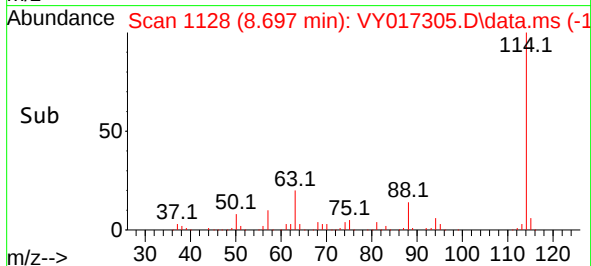
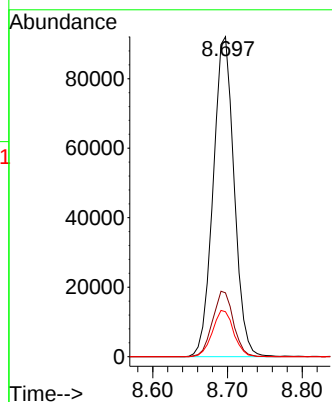
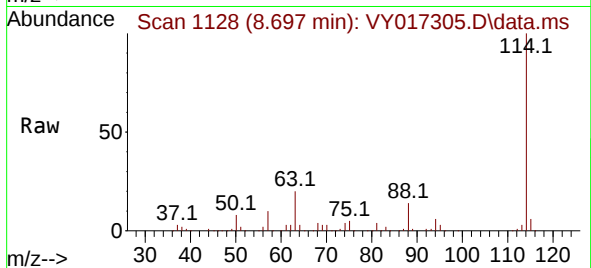
Tgt Ion:114 Resp: 179479

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 43.862 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017305.D

Acq: 08 Feb 2024 12:08

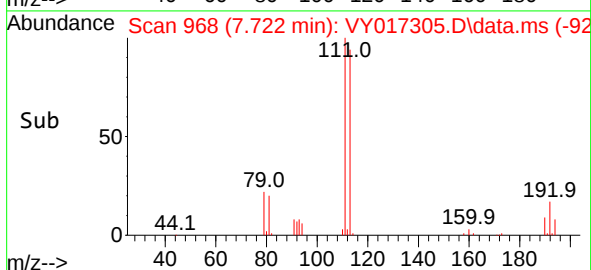
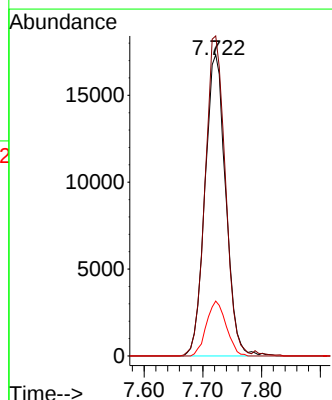
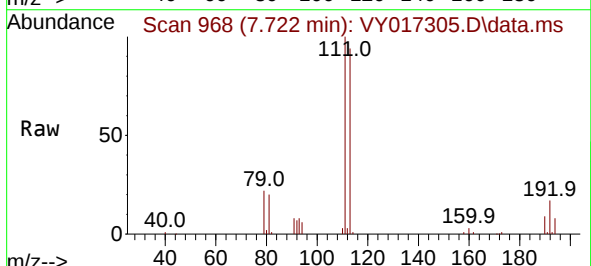
Tgt Ion:113 Resp: 42505

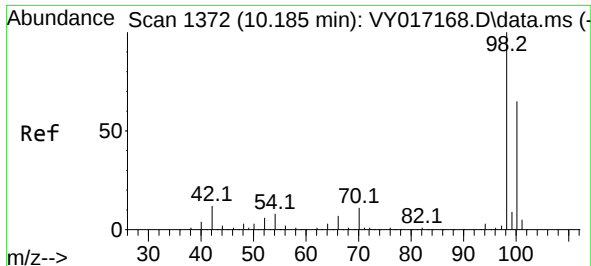
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.4 14.5 21.7

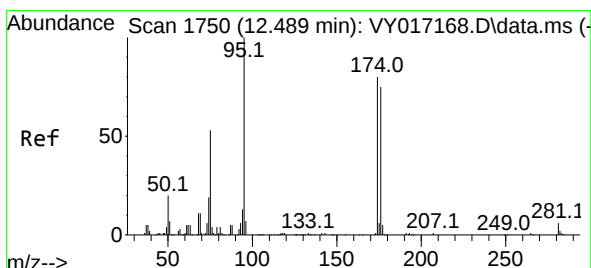
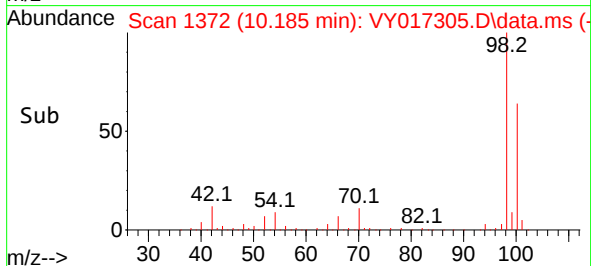
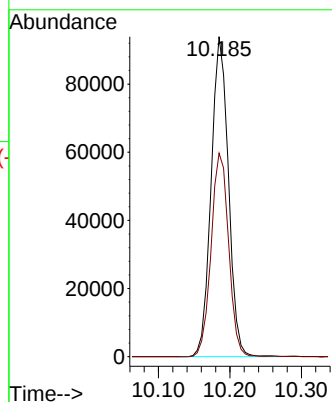
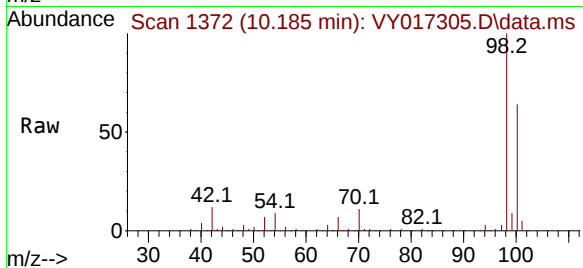




#50
Toluene-d8
Concen: 44.618 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

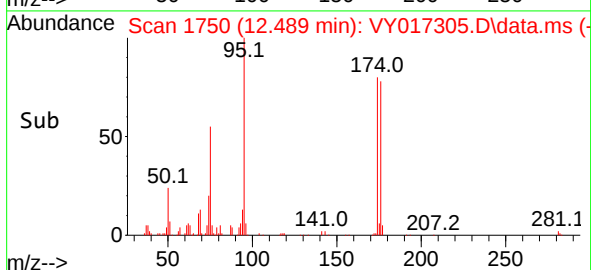
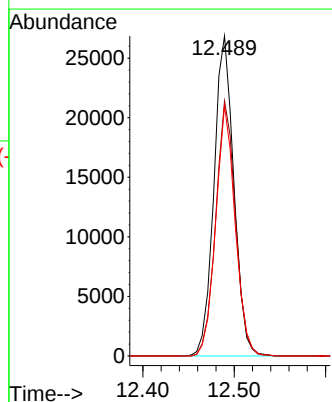
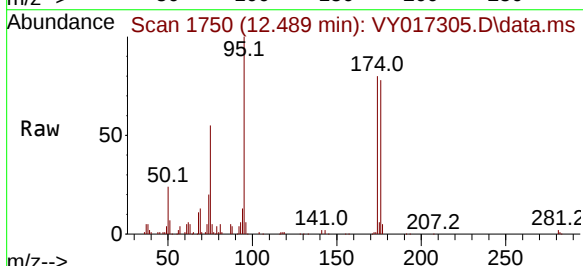
Instrument :
MSVOA_Y
ClientSampleId :
VY0208SBL01

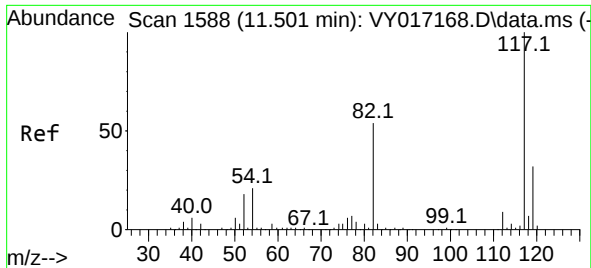
Tgt Ion: 98 Resp: 157426
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 35.155 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

Tgt Ion: 95 Resp: 40632
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.0
176 76.4 0.0 151.8

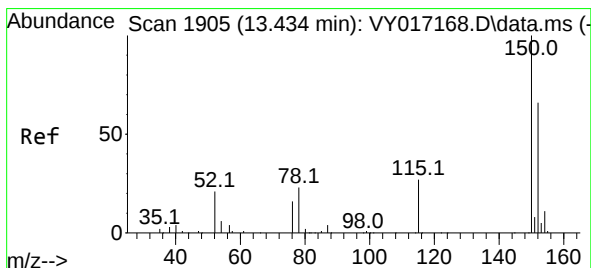
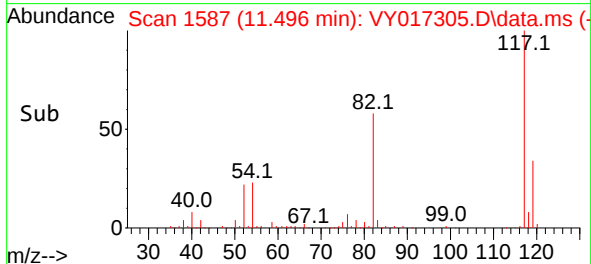
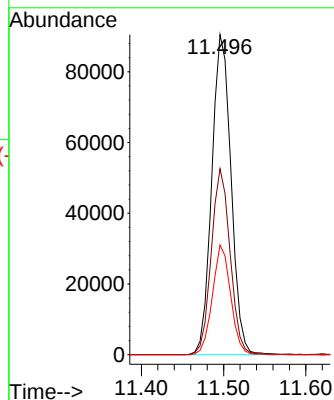
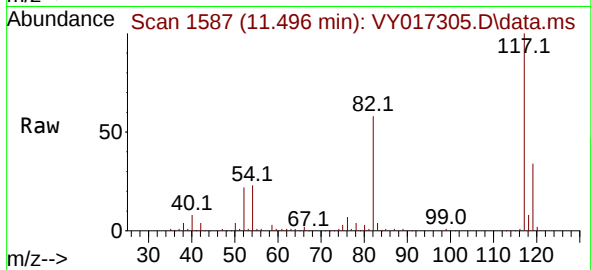




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

Instrument :
MSVOA_Y
ClientSampleId :
VY0208SBL01

Tgt Ion:117 Resp: 147382
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.8
119 34.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017305.D
Acq: 08 Feb 2024 12:08

Tgt Ion:152 Resp: 51701
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.0
150 159.8 0.0 344.6

