

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009925.D
 Acq On : 09 Aug 2022 17:22
 Operator : KP/MD
 Sample : N4089-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-228

Quant Time: Aug 09 23:08:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	35420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	72588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	78368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	34798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16431	60.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.920%
35) Dibromofluoromethane	7.703	113	15117	38.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.720%
50) Toluene-d8	10.172	98	54334	44.825	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.640%
62) 4-Bromofluorobenzene	12.477	95	18166	33.018	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	66.040%

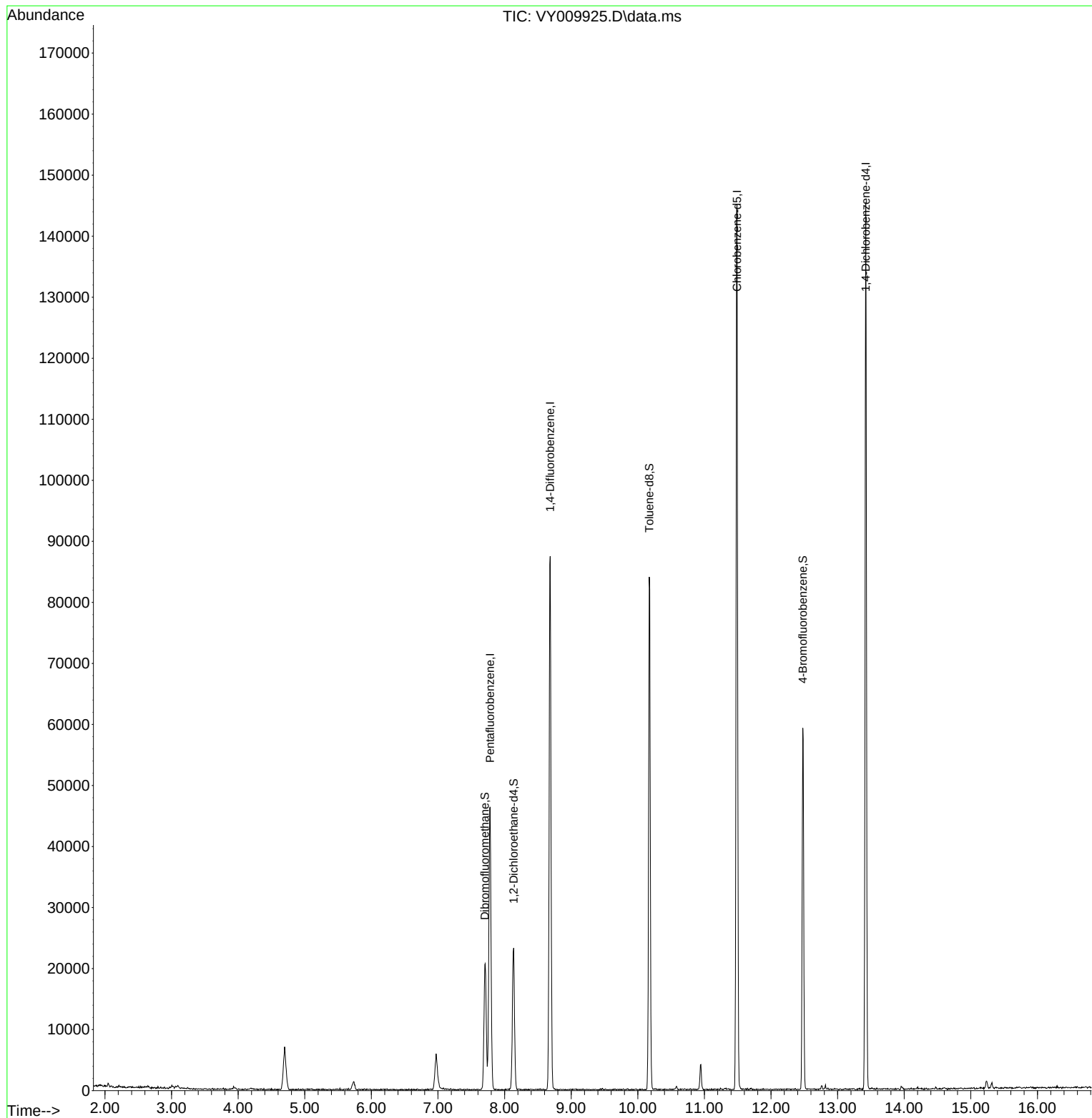
Target Compounds	Qvalue

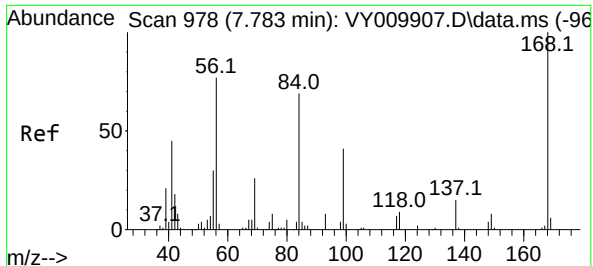
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
Data File : VY080925.D
Acq On : 09 Aug 2022 17:22
Operator : KP/MD
Sample : N4089-01
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

Quant Time: Aug 09 23:08:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 08 17:55:50 2022
Response via : Initial Calibration

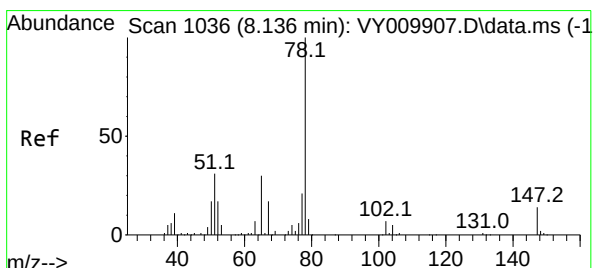
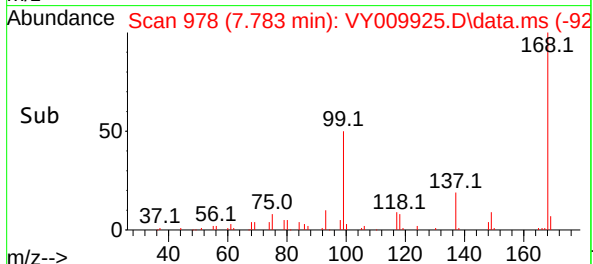
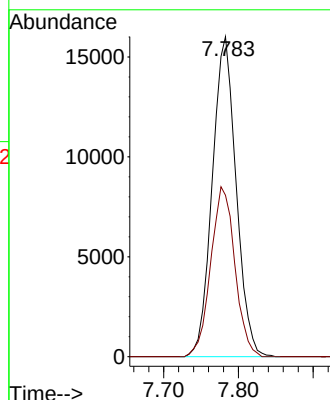
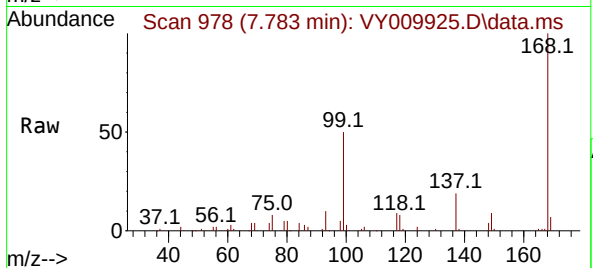




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

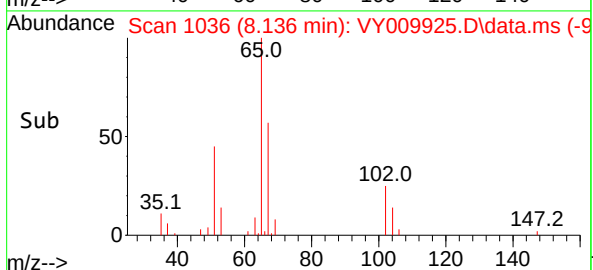
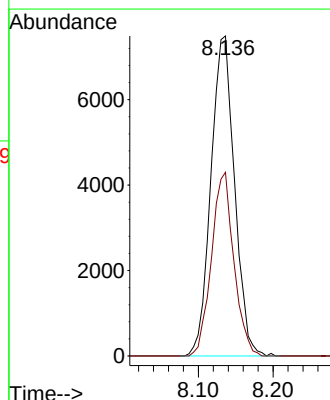
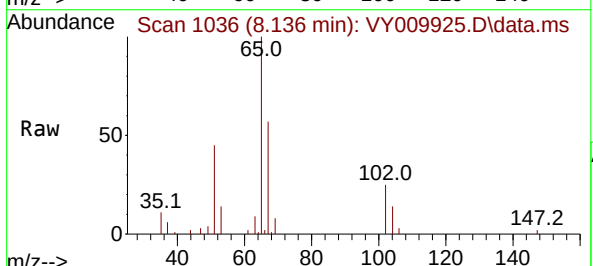
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

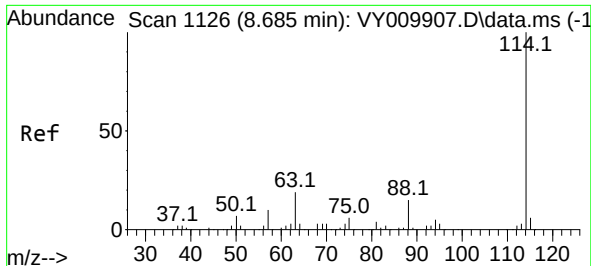
Tgt Ion:168 Resp: 35420
Ion Ratio Lower Upper
168 100
99 50.4 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 60.459 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Tgt Ion: 65 Resp: 16431
Ion Ratio Lower Upper
65 100
67 54.4 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009925.D

Acq: 09 Aug 2022 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-228

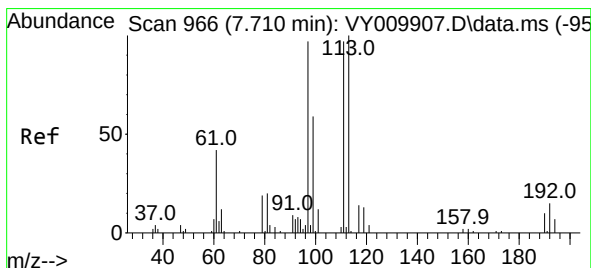
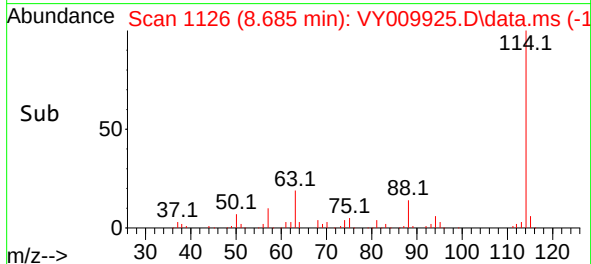
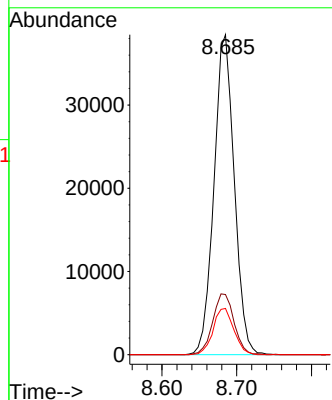
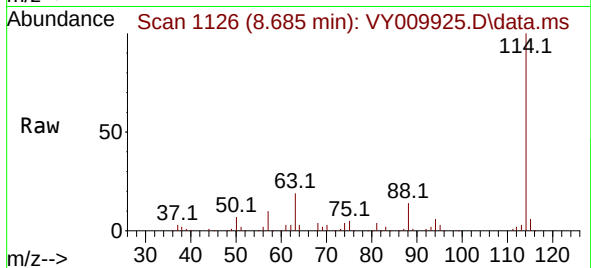
Tgt Ion:114 Resp: 72588

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.0

88 14.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 38.364 ug/l

RT: 7.703 min Scan# 965

Delta R.T. -0.006 min

Lab File: VY009925.D

Acq: 09 Aug 2022 17:22

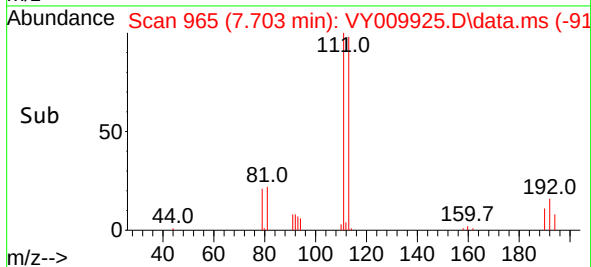
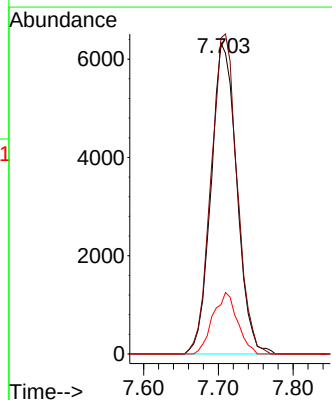
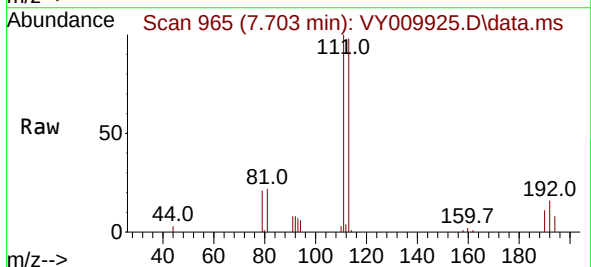
Tgt Ion:113 Resp: 15117

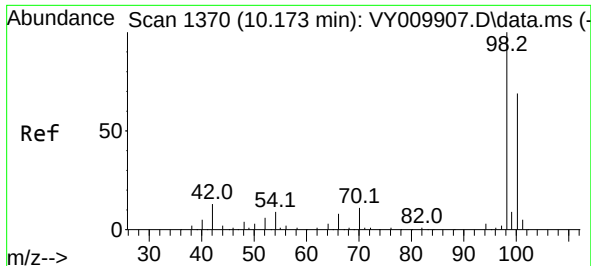
Ion Ratio Lower Upper

113 100

111 103.8 80.6 120.8

192 18.8 16.2 24.4

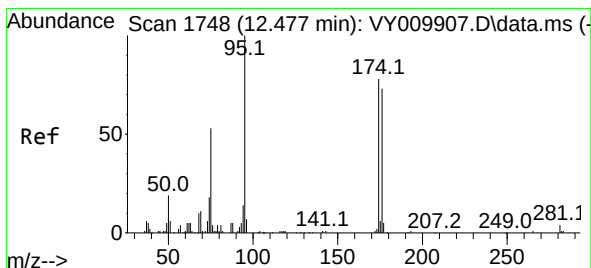
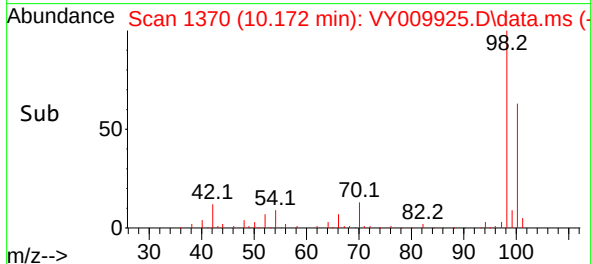
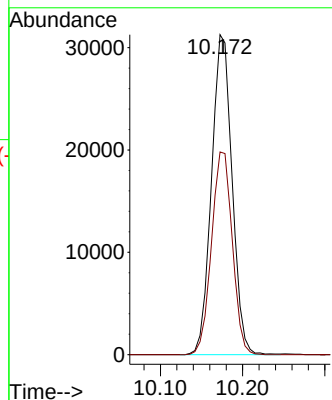
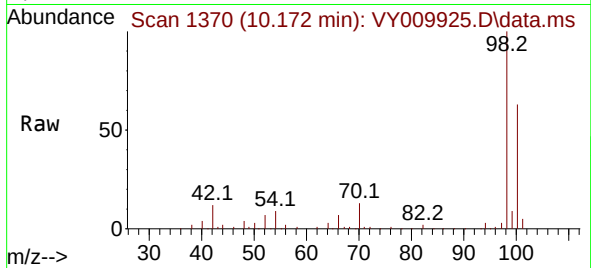




#50
Toluene-d8
Concen: 44.825 ug/l
RT: 10.172 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

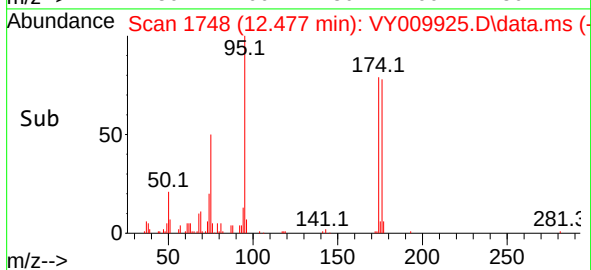
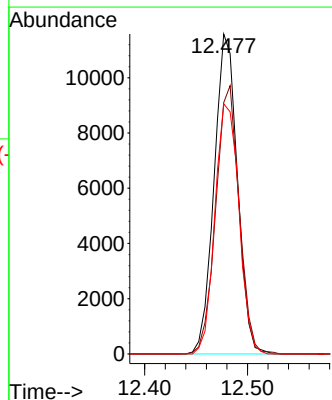
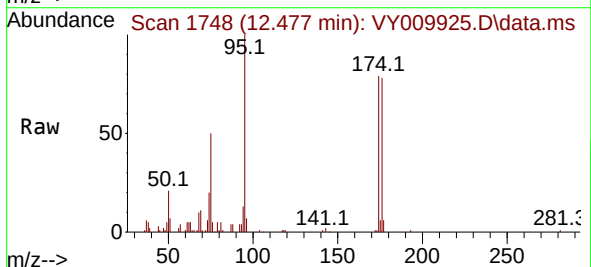
Instrument :
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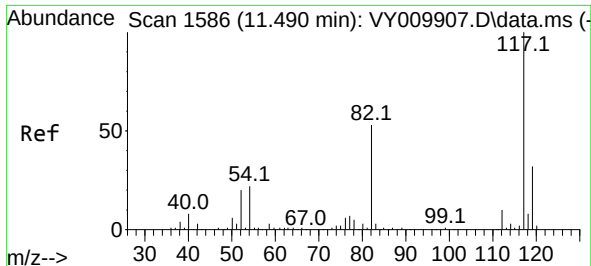
Tgt Ion: 98 Resp: 54334
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 33.018 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Tgt Ion: 95 Resp: 18166
Ion Ratio Lower Upper
95 100
174 84.1 0.0 173.8
176 80.8 0.0 167.0

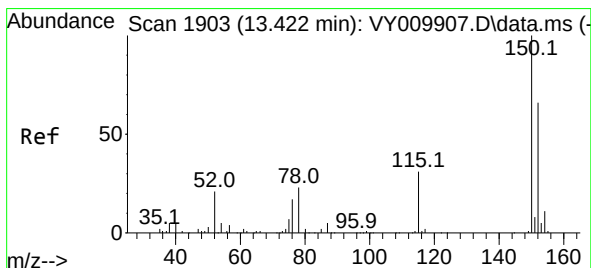
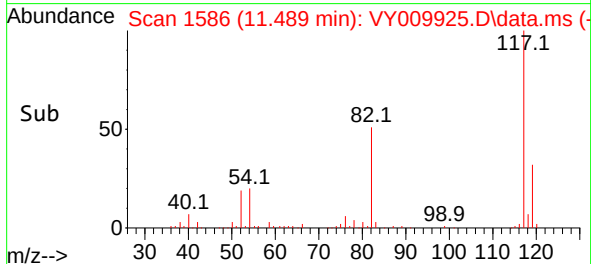
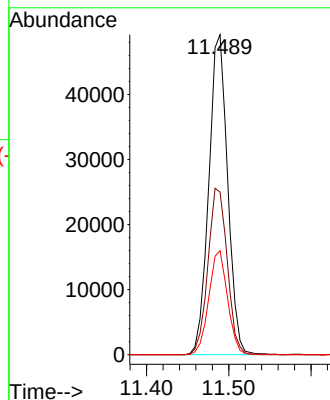
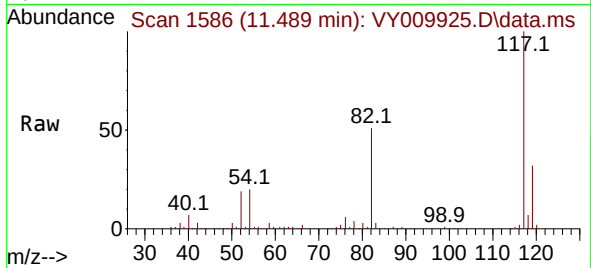




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

Tgt Ion:117 Resp: 78368
Ion Ratio Lower Upper
117 100
82 50.8 41.8 62.6
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009925.D
Acq: 09 Aug 2022 17:22

Tgt Ion:152 Resp: 34798
Ion Ratio Lower Upper
152 100
115 58.6 28.6 85.9
150 158.7 0.0 349.8

