

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014042.D
 Acq On : 06 Jun 2023 19:43
 Operator : KP/MD
 Sample : 03044-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Jun 07 01:42:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

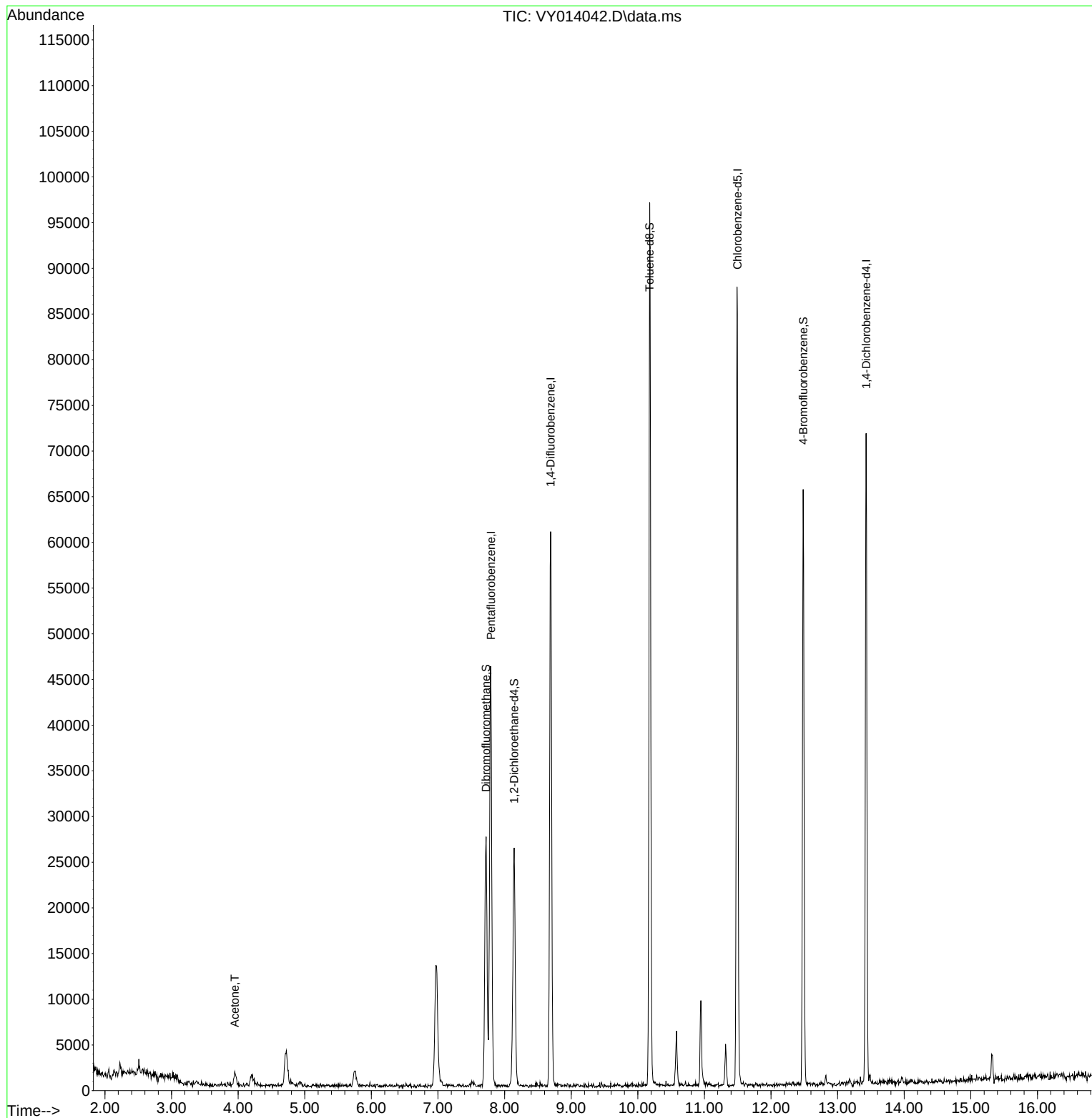
Internal Standards						
1) Pentafluorobenzene	7.795	168	35298	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	53070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	48319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19709	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	20808	44.532	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.060%
35) Dibromofluoromethane	7.722	113	18691	55.419	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.840%
50) Toluene-d8	10.179	98	63270	49.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.483	95	18272	41.661	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.320%
Target Compounds						
16) Acetone	3.948	43	2618	16.376	ug/l	Qvalue 95

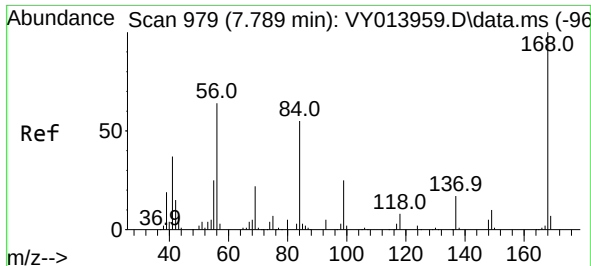
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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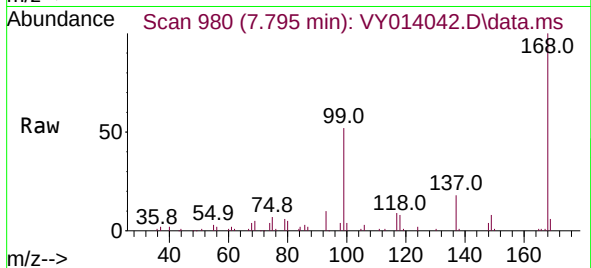
Quant Time: Jun 07 01:42:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
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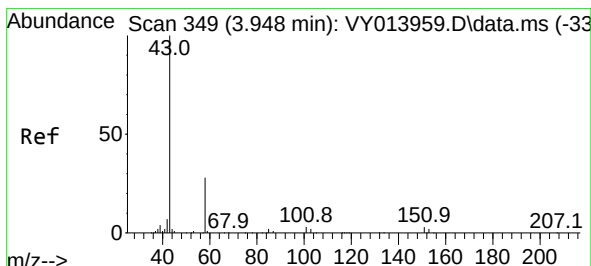
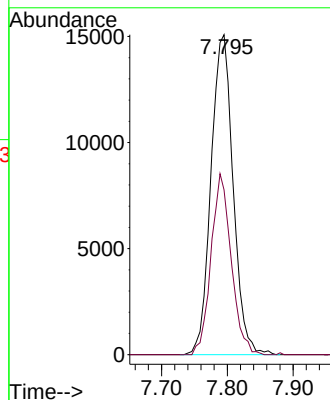
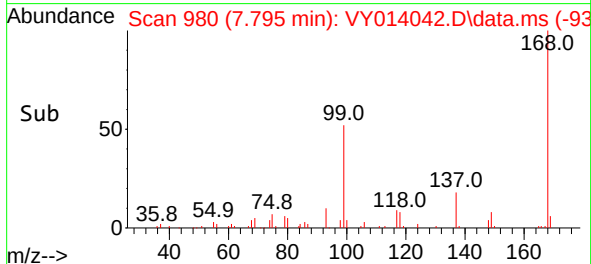


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

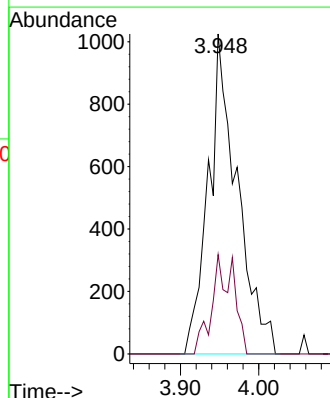
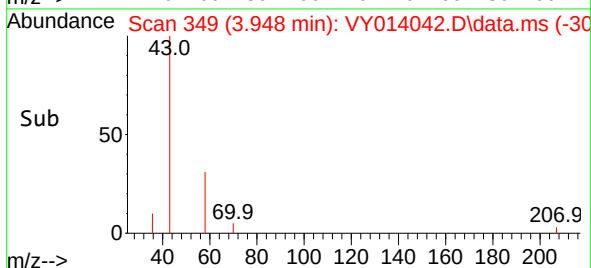
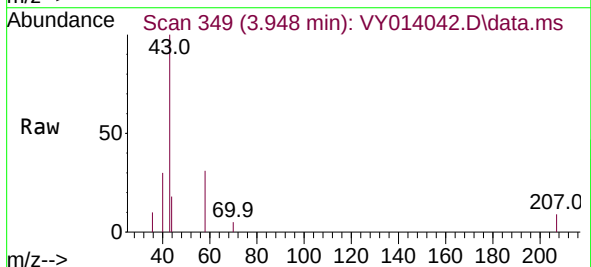


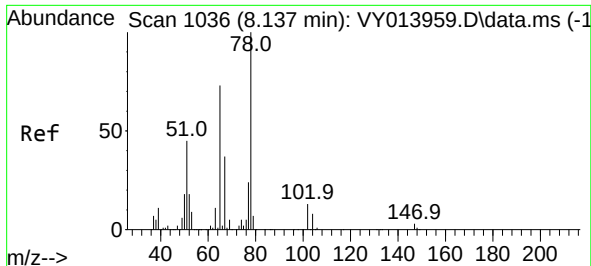
Tgt Ion:168 Resp: 35298
Ion Ratio Lower Upper
168 100
99 51.5 43.4 65.0



#16
Acetone
Concen: 16.376 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

Tgt Ion: 43 Resp: 2618
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 44.532 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014042.D

Acq: 06 Jun 2023 19:43

Instrument :

MSVOA_Y

ClientSampleId :

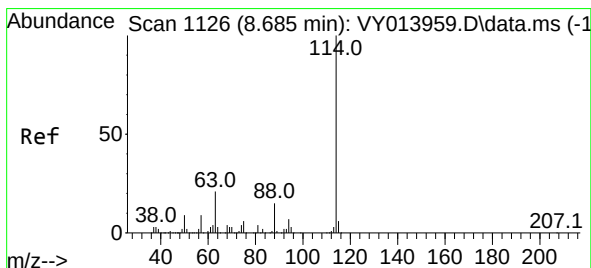
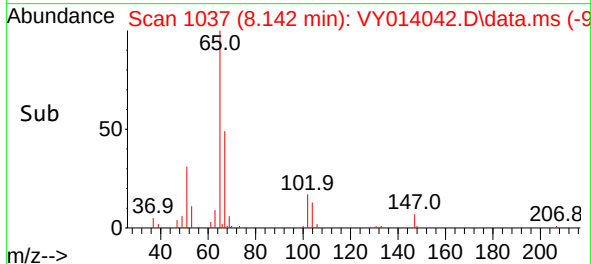
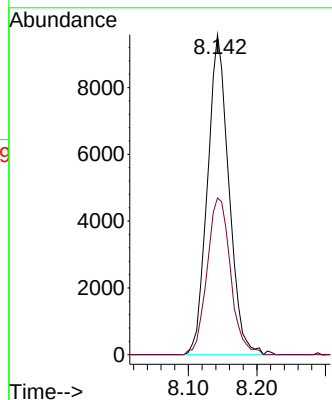
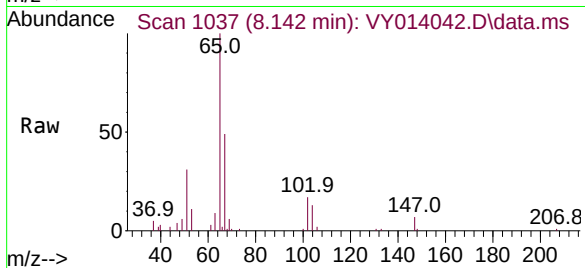
SB-03-0-2.0

Tgt Ion: 65 Resp: 20808

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014042.D

Acq: 06 Jun 2023 19:43

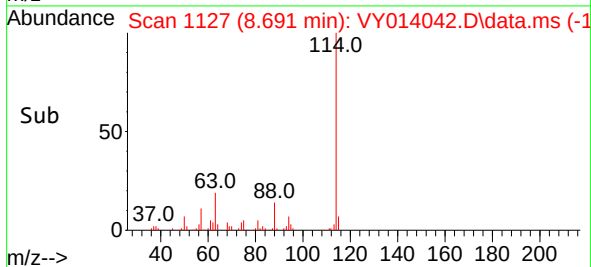
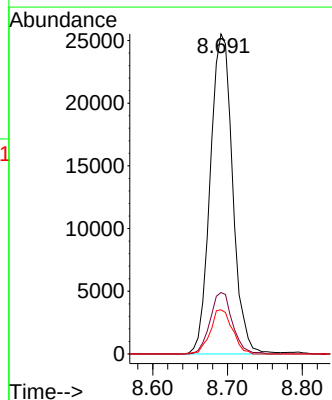
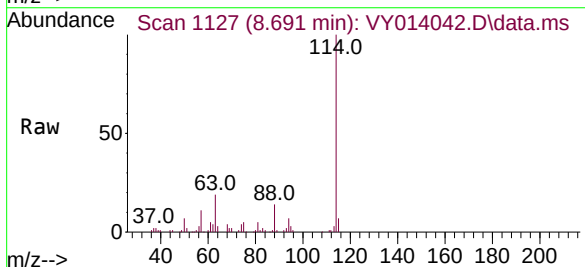
Tgt Ion: 114 Resp: 53070

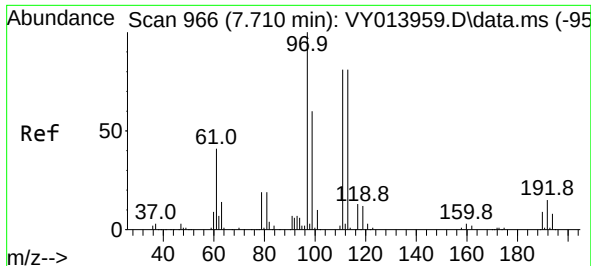
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 13.8 0.0 30.6

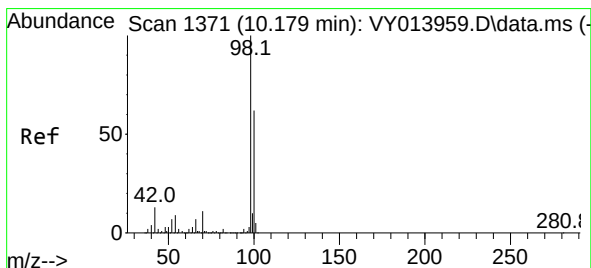
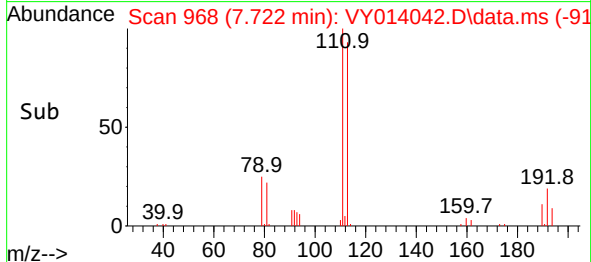
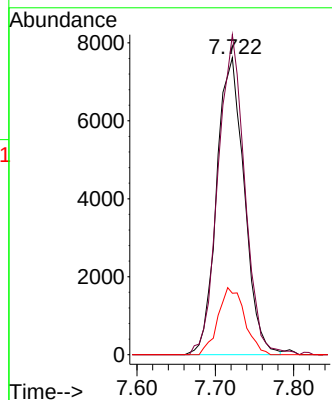
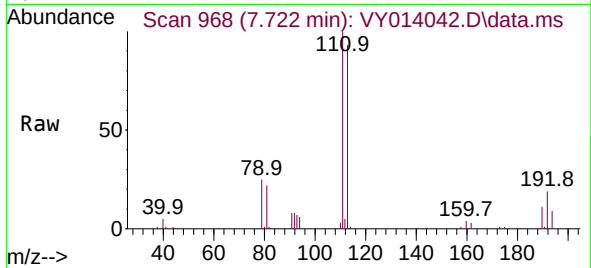




#35
Dibromofluoromethane
Concen: 55.419 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

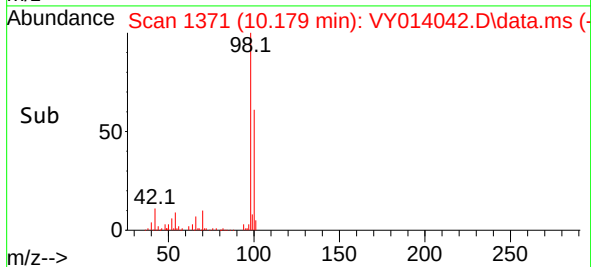
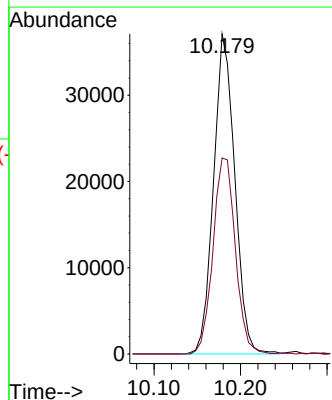
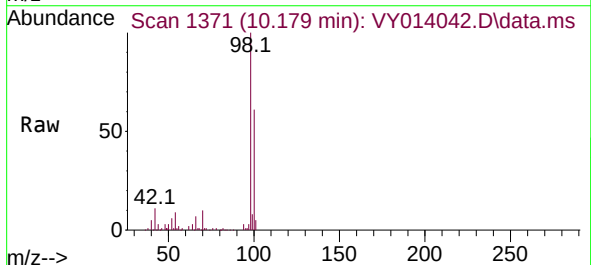
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

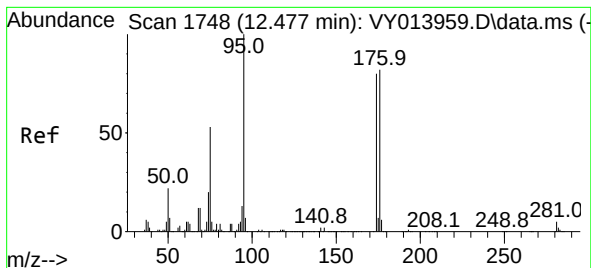
Tgt Ion:113 Resp: 18691
Ion Ratio Lower Upper
113 100
111 104.2 81.3 121.9
192 21.7 16.9 25.3



#50
Toluene-d8
Concen: 49.181 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

Tgt Ion: 98 Resp: 63270
Ion Ratio Lower Upper
98 100
100 64.4 50.1 75.1

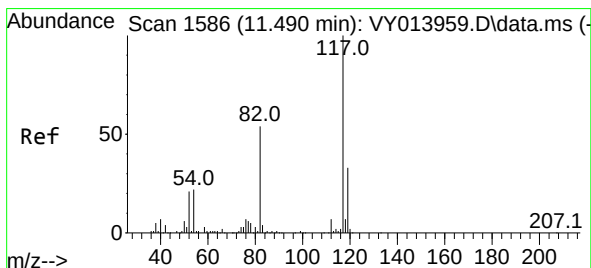
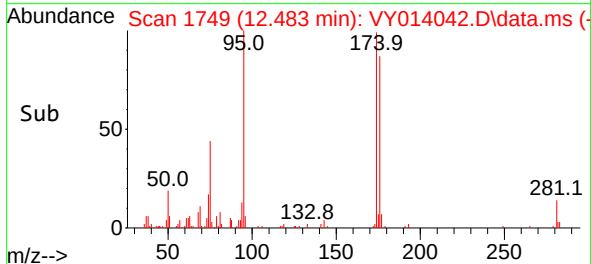
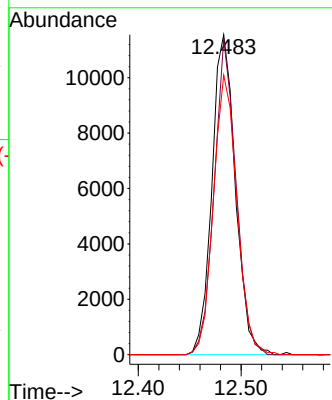
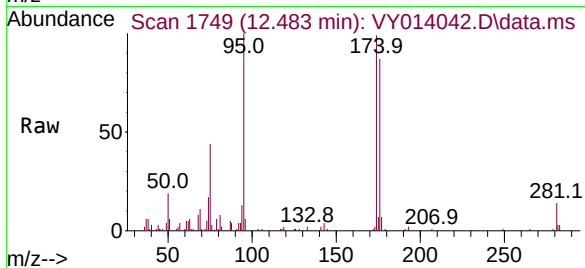




#62
4-Bromofluorobenzene
Concen: 41.661 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

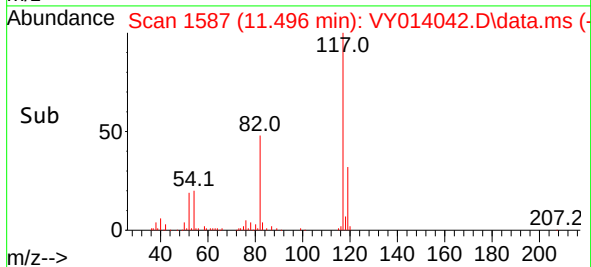
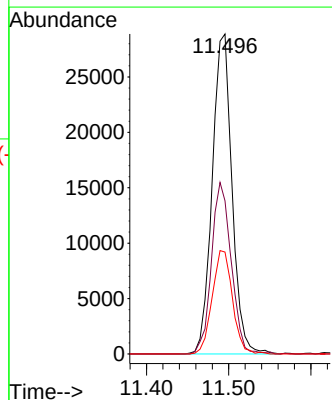
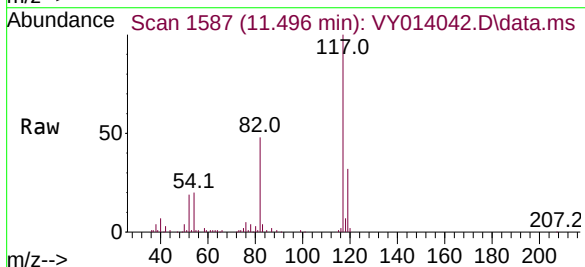
Instrument :
MSVOA_Y
ClientSampleId :
SB-03-0-2.0

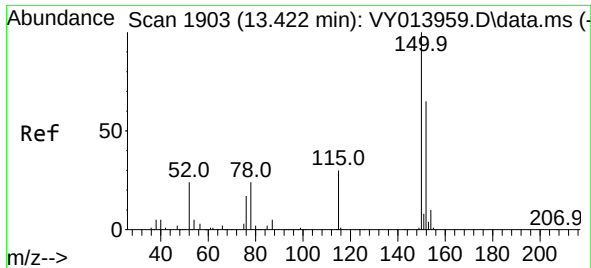
Tgt Ion: 95 Resp: 18272
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 87.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014042.D
Acq: 06 Jun 2023 19:43

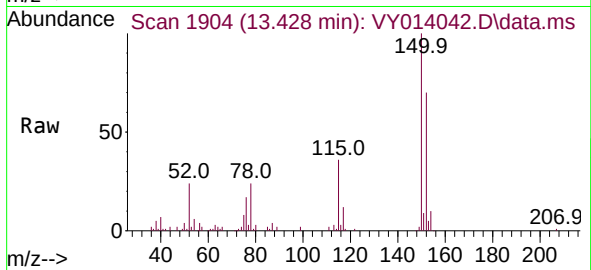
Tgt Ion: 117 Resp: 48319
Ion Ratio Lower Upper
117 100
82 47.9 43.4 65.0
119 31.8 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY014042.D
 Acq: 06 Jun 2023 19:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-03-0-2.0



Tgt Ion:152 Resp: 19709
 Ion Ratio Lower Upper
 152 100
 115 54.1 28.8 86.5
 150 154.2 0.0 348.8

