

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014442.D
 Acq On : 26 Jun 2023 18:24
 Operator : KP/MD
 Sample : 03375-05
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(8-10)MS

Quant Time: Jun 27 01:50:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

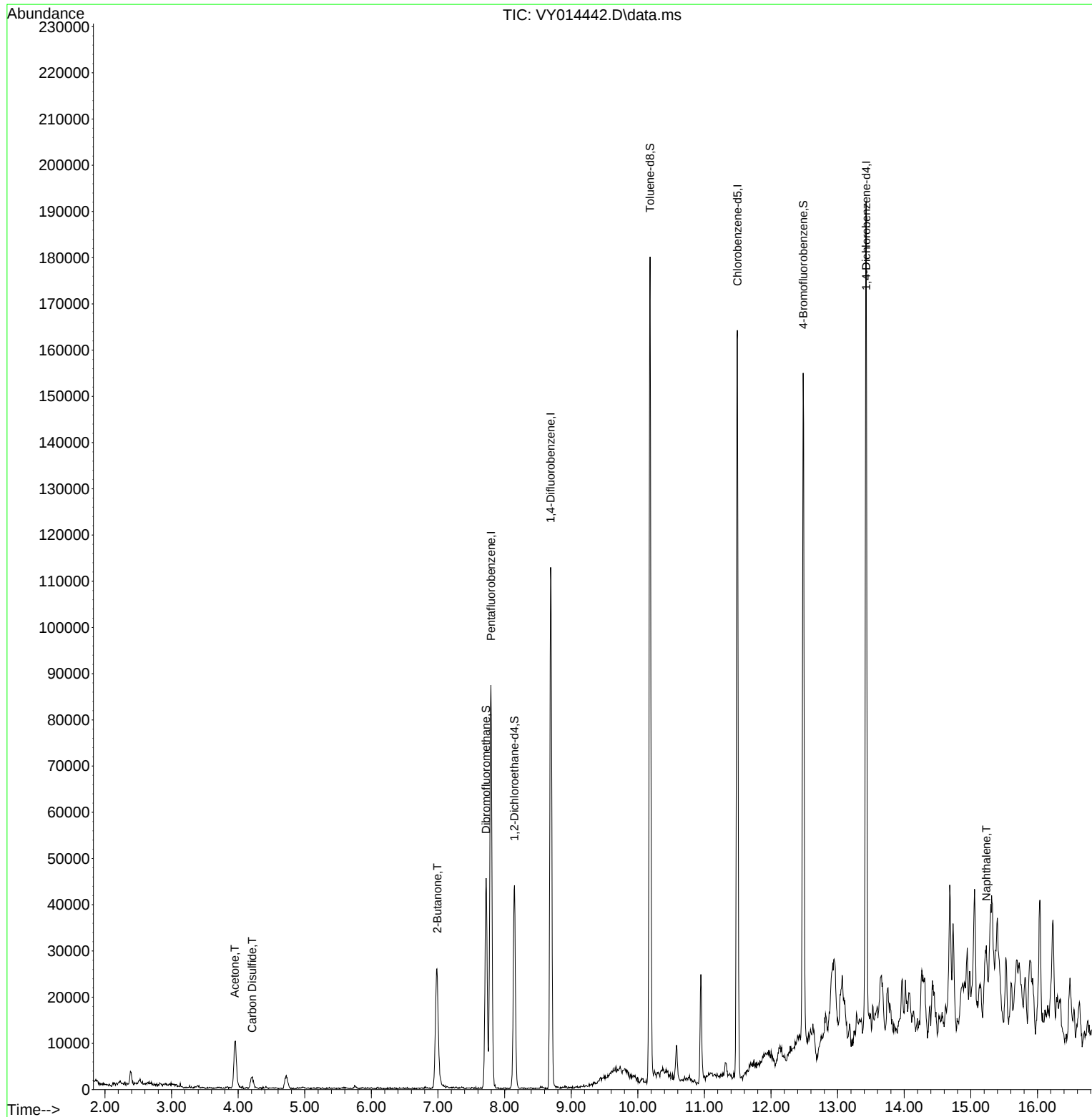
Internal Standards						
1) Pentafluorobenzene	7.795	168	68254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	98875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	90364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47452	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	38465	45.390	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.780%		
35) Dibromofluoromethane	7.721	113	29802	48.786	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.580%		
50) Toluene-d8	10.184	98	116847	48.119	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.240%		
62) 4-Bromofluorobenzene	12.483	95	38338	44.224	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.440%		
Target Compounds						Qvalue
16) Acetone	3.948	43	18849	70.686	ug/l	90
17) Carbon Disulfide	4.210	76	2284	1.174	ug/l	98
25) 2-Butanone	6.990	43	5539	16.677	ug/l	93
95) Naphthalene	15.232	128	8592	4.205	ug/l #	83

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
Data File : VY014442.D
Acq On : 26 Jun 2023 18:24
Operator : KP/MD
Sample : 03375-05
Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

Quant Time: Jun 27 01:50:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

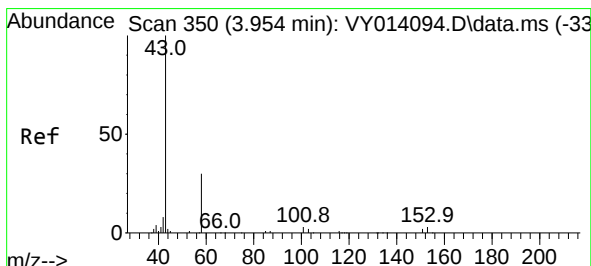
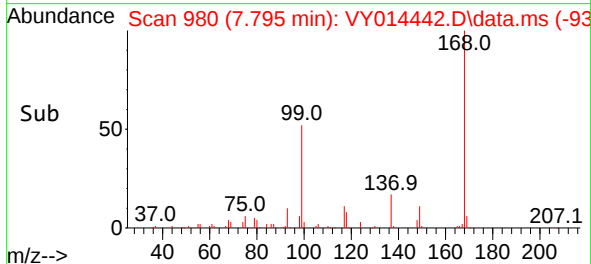
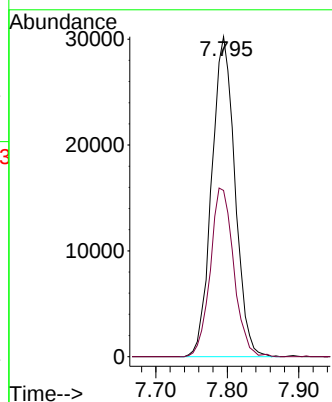
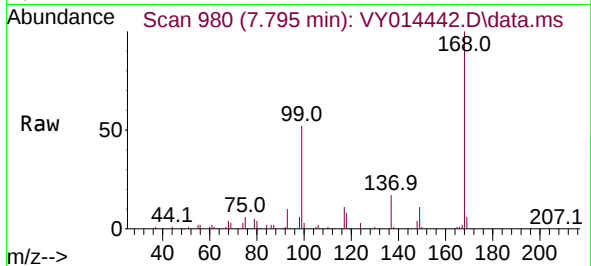




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014442.D
Acq: 26 Jun 2023 18:24

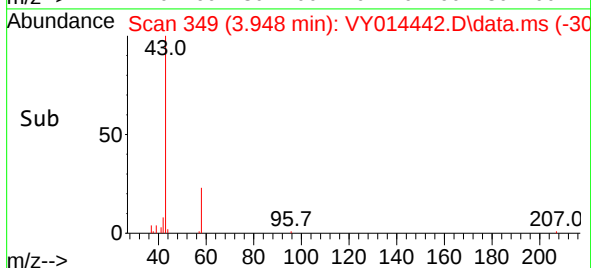
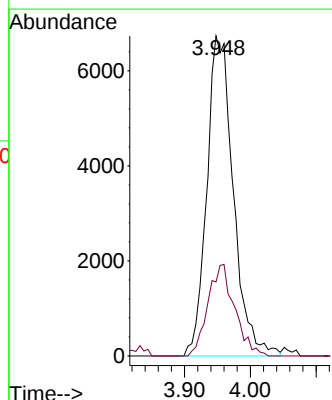
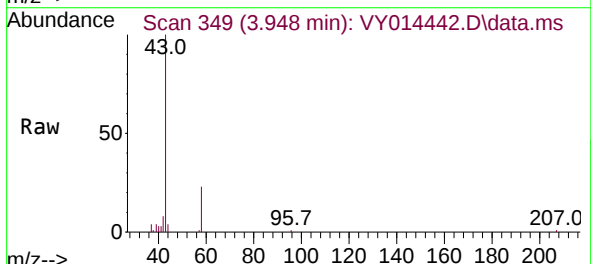
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

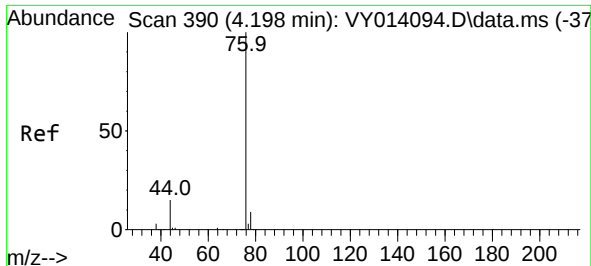
Tgt Ion:168 Resp: 68254
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#16
Acetone
Concen: 70.686 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014442.D
Acq: 26 Jun 2023 18:24

Tgt Ion: 43 Resp: 18849
Ion Ratio Lower Upper
43 100
58 23.1 22.7 34.1

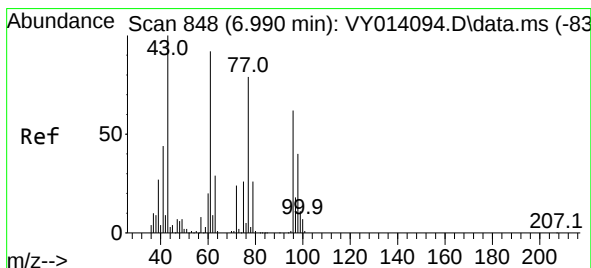
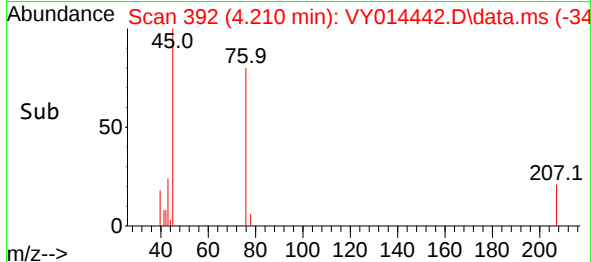
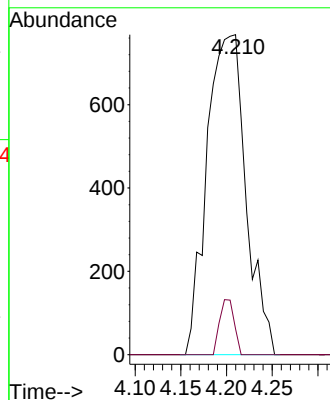
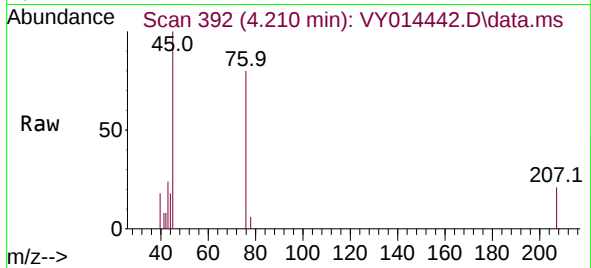




#17
Carbon Disulfide
Concen: 1.174 ug/l
RT: 4.210 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY014442.D
Acq: 26 Jun 2023 18:24

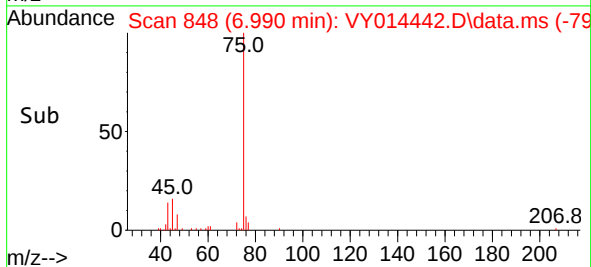
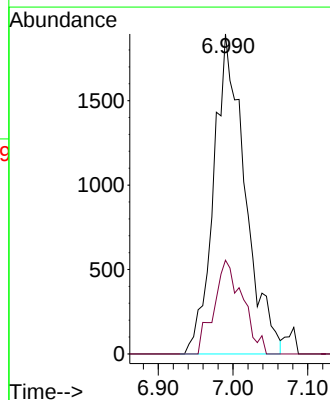
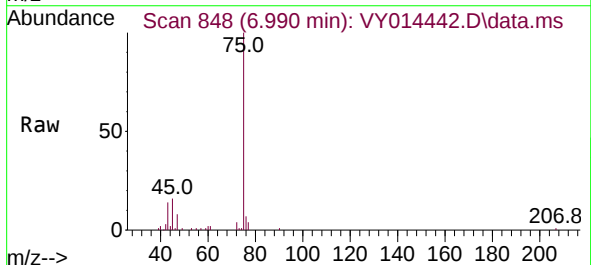
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

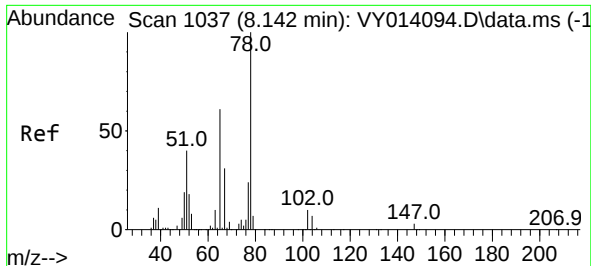
Tgt Ion: 76 Resp: 2284
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.4



#25
2-Butanone
Concen: 16.677 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY014442.D
Acq: 26 Jun 2023 18:24

Tgt Ion: 43 Resp: 5539
Ion Ratio Lower Upper
43 100
72 29.3 20.5 30.7

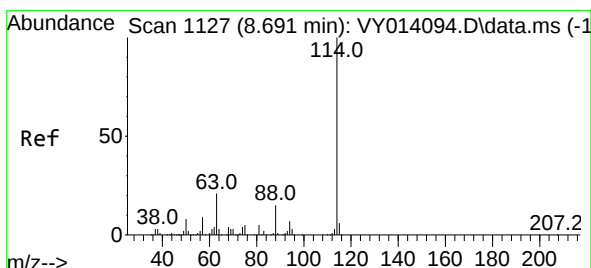
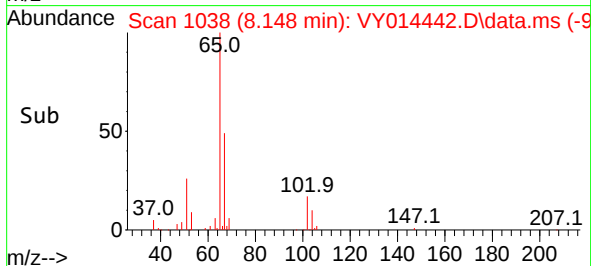
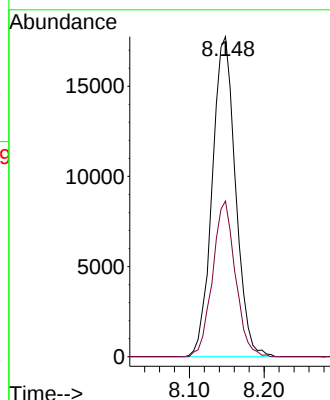
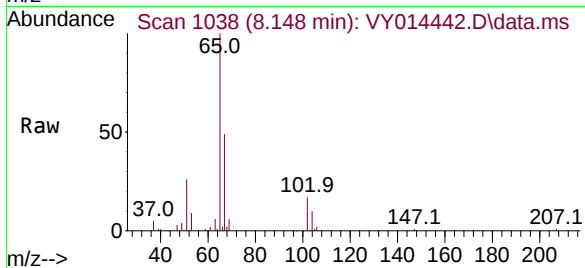




#33
 1,2-Dichloroethane-d4
 Concen: 45.390 ug/l
 RT: 8.148 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY014442.D
 Acq: 26 Jun 2023 18:24

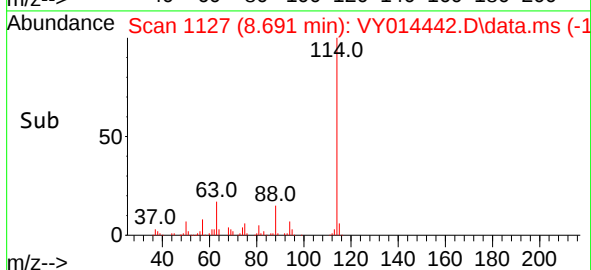
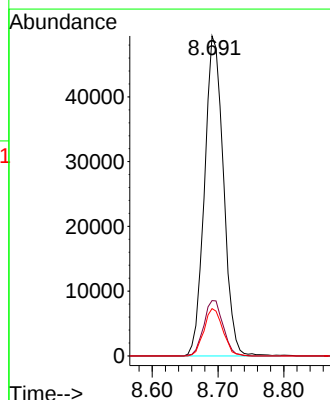
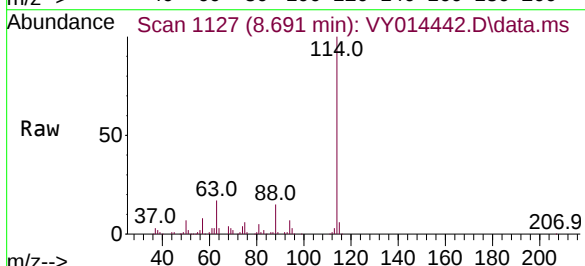
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(8-10)MS

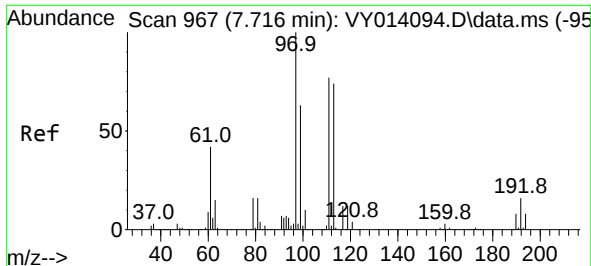
Tgt Ion: 65 Resp: 38465
 Ion Ratio Lower Upper
 65 100
 67 47.5 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY014442.D
 Acq: 26 Jun 2023 18:24

Tgt Ion: 114 Resp: 98875
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 42.4
 88 14.8 0.0 30.6

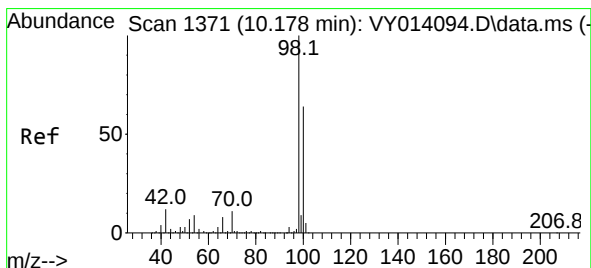
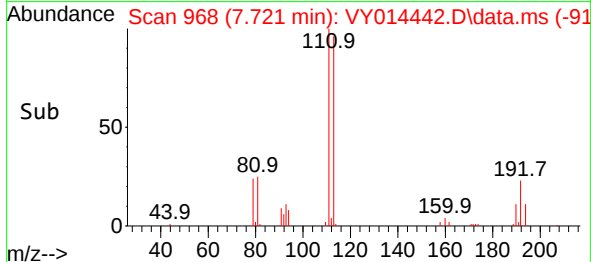
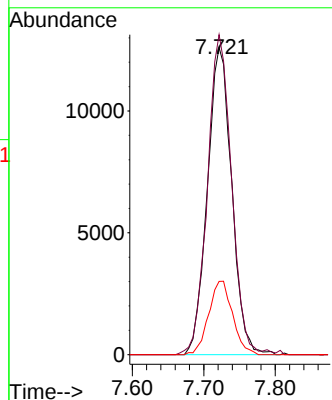
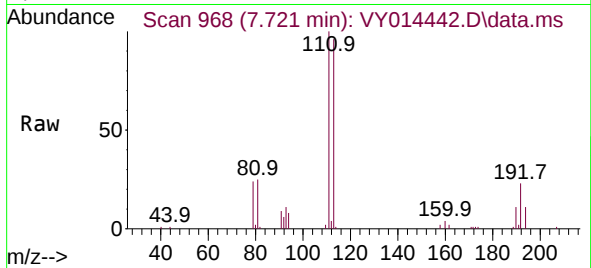




#35
Dibromofluoromethane
Concen: 48.786 ug/l
RT: 7.721 min Scan# 91
Delta R.T. 0.005 min
Lab File: VY014442.D
Acq: 26 Jun 2023 18:24

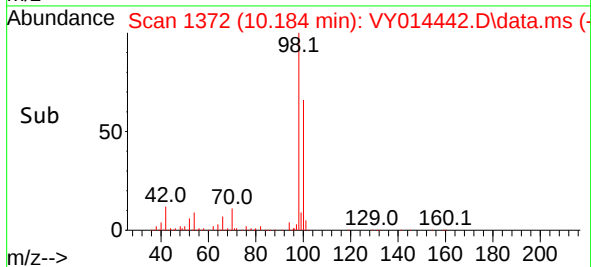
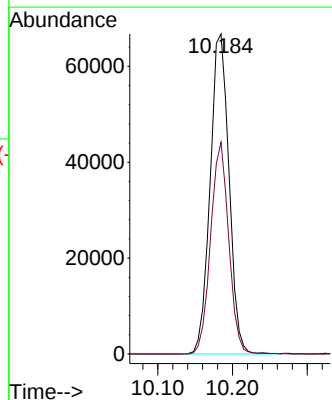
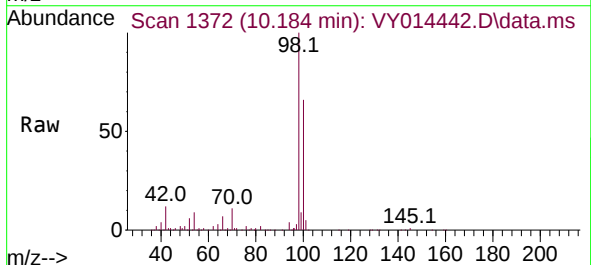
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

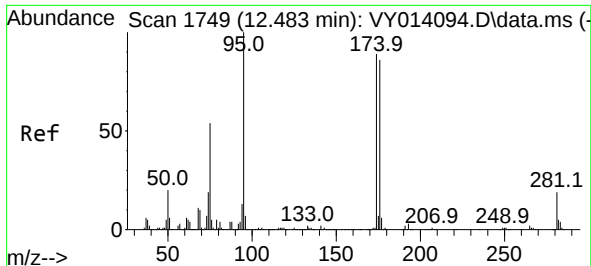
Tgt Ion:113 Resp: 29802
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 23.5 16.9 25.3



#50
Toluene-d8
Concen: 48.119 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY014442.D
Acq: 26 Jun 2023 18:24

Tgt Ion: 98 Resp: 116847
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1

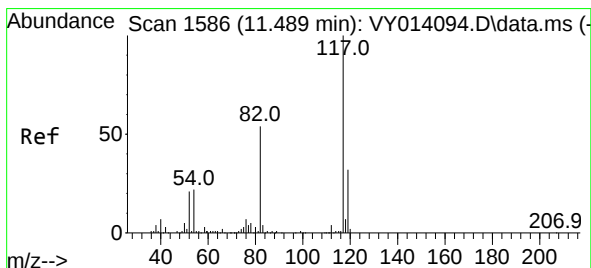
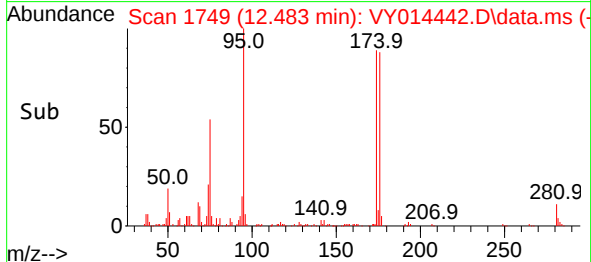
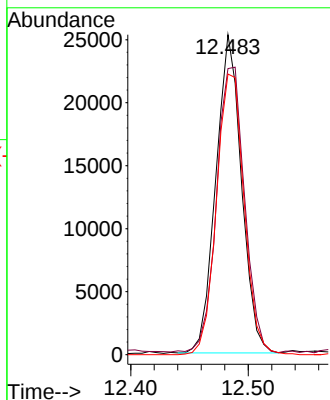
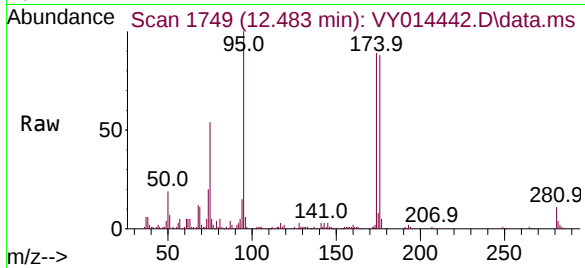




#62
4-Bromofluorobenzene
Concen: 44.224 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY014442.D
Acq: 26 Jun 2023 18:24

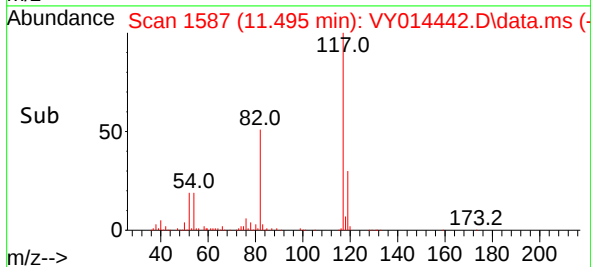
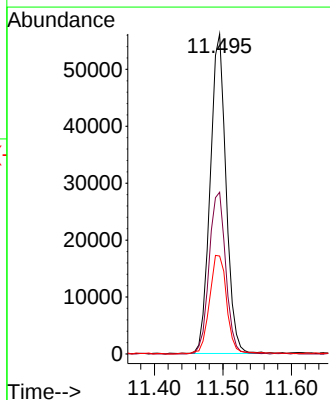
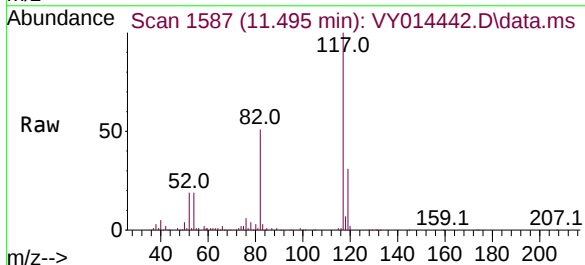
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(8-10)MS

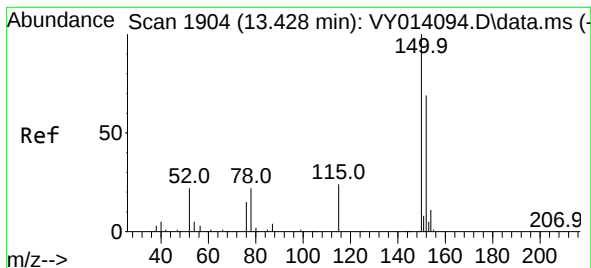
Tgt Ion: 95 Resp: 38338
Ion Ratio Lower Upper
95 100
174 97.6 0.0 178.2
176 95.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014442.D
Acq: 26 Jun 2023 18:24

Tgt Ion: 117 Resp: 90364
Ion Ratio Lower Upper
117 100
82 50.6 43.4 65.0
119 30.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY014442.D

Acq: 26 Jun 2023 18:24

Instrument :

MSVOA_Y

ClientSampleId :

SB-2(8-10)MS

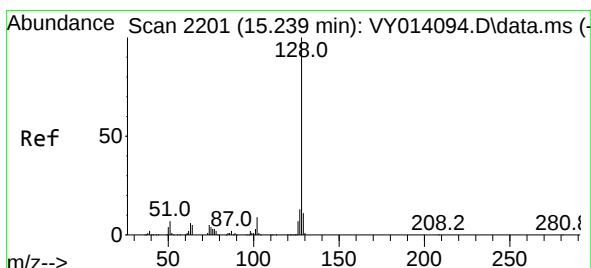
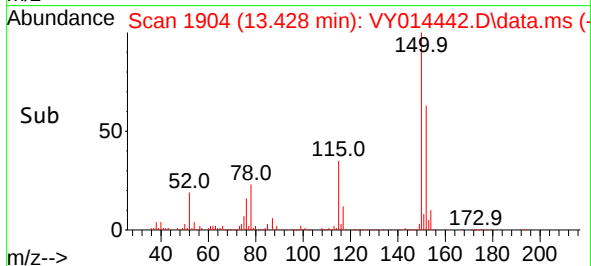
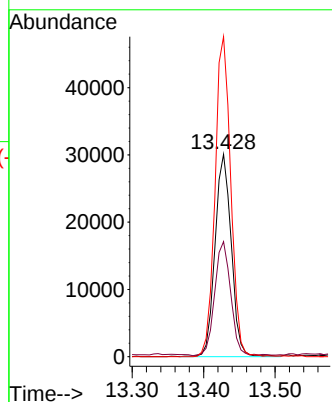
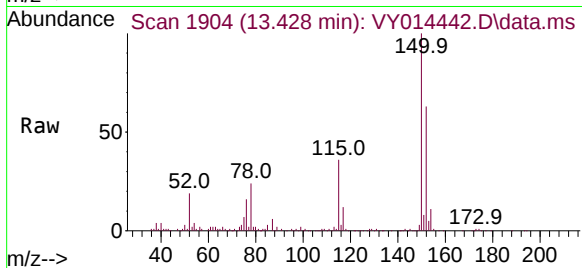
Tgt Ion:152 Resp: 47452

Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 152.8 0.0 348.8



#95

Naphthalene

Concen: 4.205 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.007 min

Lab File: VY014442.D

Acq: 26 Jun 2023 18:24

Tgt Ion:128 Resp: 8592

Ion Ratio Lower Upper

128 100

127 20.7 10.8 16.2#

129 17.1 8.6 13.0#

