

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
 Data File : VY013342.D
 Acq On : 19 Apr 2023 13:52
 Operator : KP/MD
 Sample : 02371-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-23-5.0-5.5

Quant Time: Apr 20 06:55:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

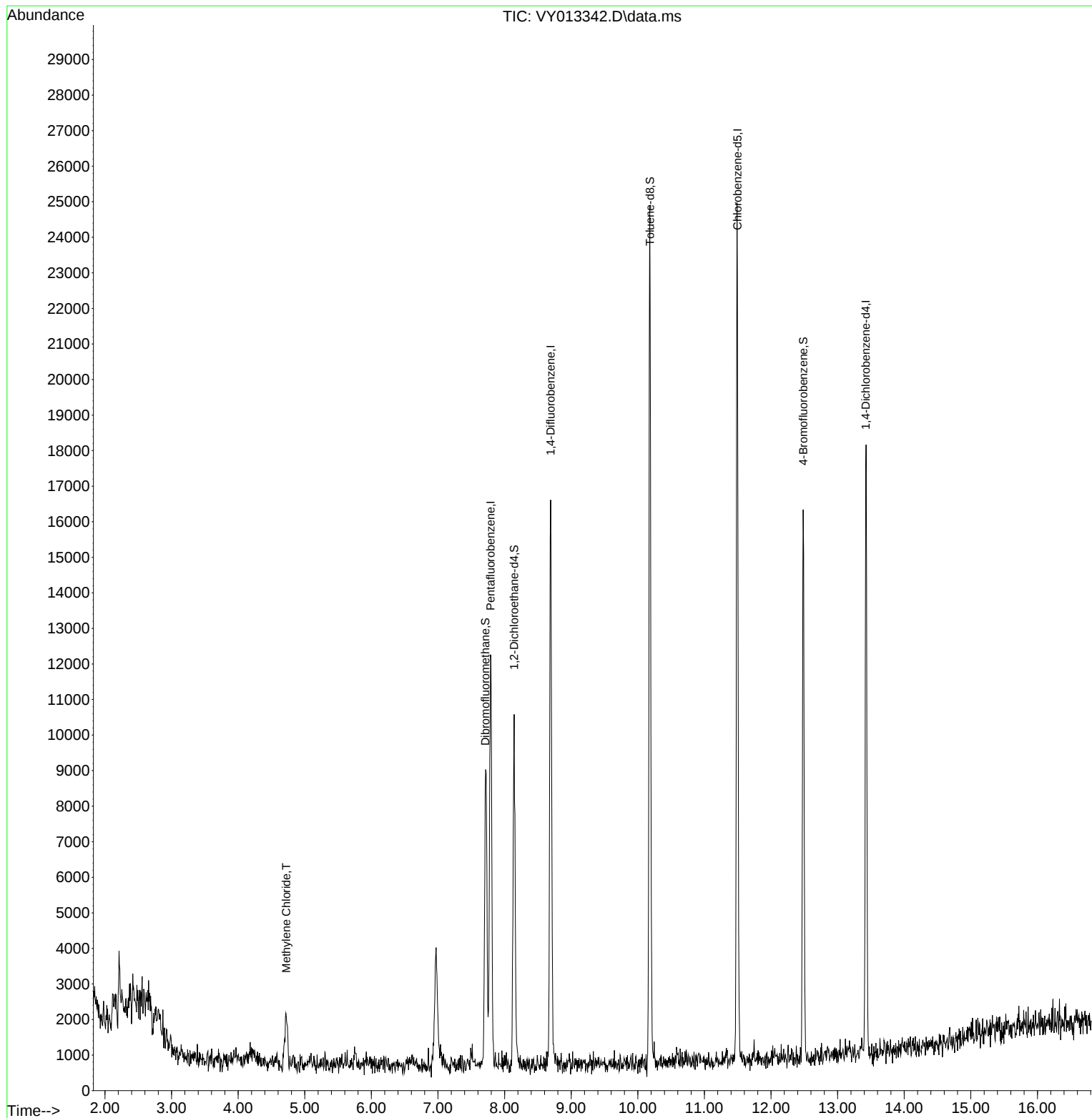
Internal Standards						
1) Pentafluorobenzene	7.789	168	9113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	13901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	13415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	4721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7530	68.756	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.520%
35) Dibromofluoromethane	7.709	113	6239	69.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	138.660%
50) Toluene-d8	10.185	98	16348	48.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.600%
62) 4-Bromofluorobenzene	12.483	95	4684	43.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.080%
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	978	6.080	ug/l	# 58

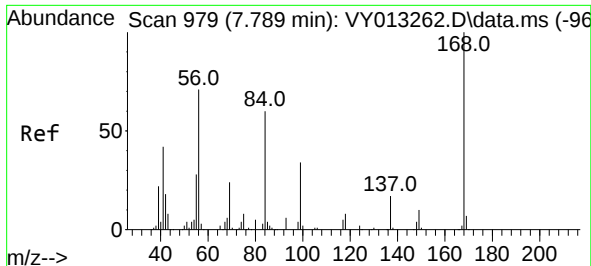
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041923\
Data File : VY013342.D
Acq On : 19 Apr 2023 13:52
Operator : KP/MD
Sample : 02371-03
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-23-5.0-5.5

Quant Time: Apr 20 06:55:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 05:55:16 2023
Response via : Initial Calibration

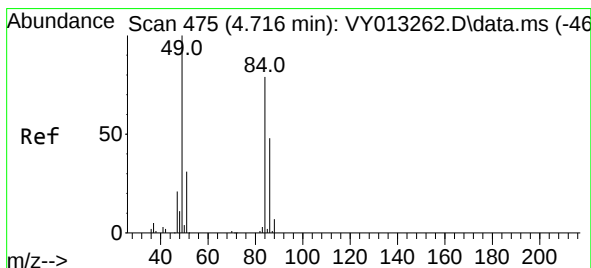
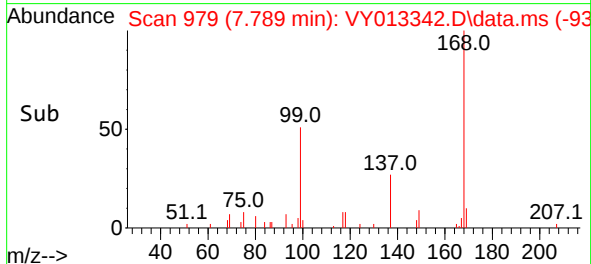
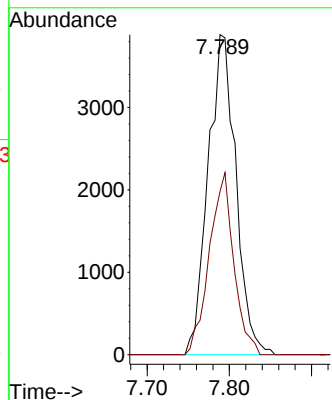
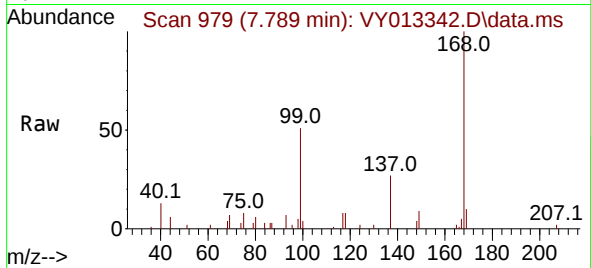




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9113
Delta R.T. -0.000 min
Lab File: VY013342.D
Acq: 19 Apr 2023 13:52

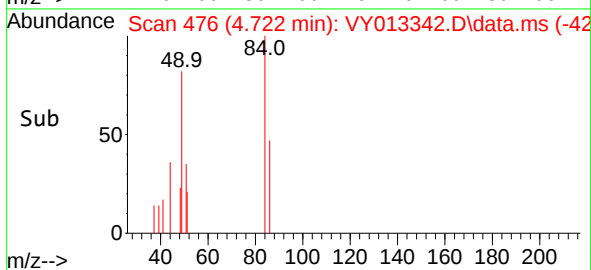
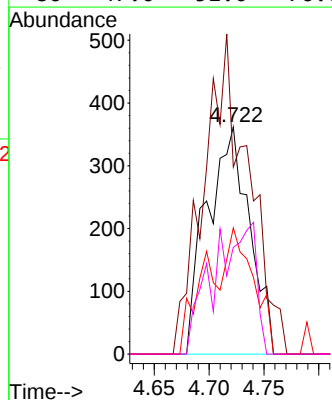
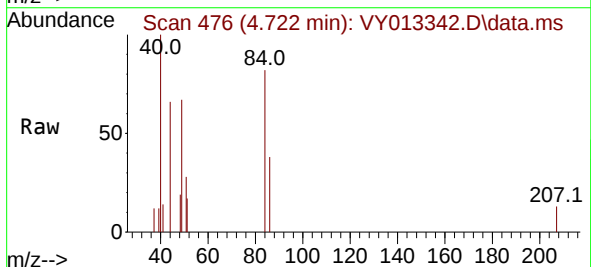
Instrument :
MSVOA_Y
ClientSampleId :
SB-23-5.0-5.5

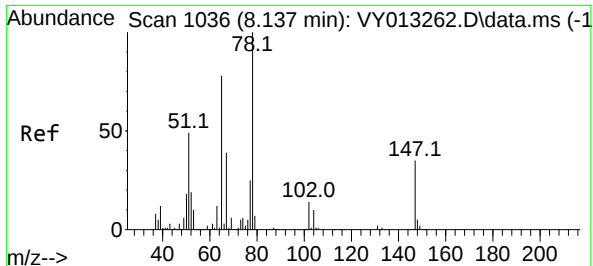
Tgt Ion:168 Resp: 9113
Ion Ratio Lower Upper
168 100
99 51.0 41.7 62.5



#20
Methylene Chloride
Concen: 6.080 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY013342.D
Acq: 19 Apr 2023 13:52

Tgt Ion: 84 Resp: 978
Ion Ratio Lower Upper
84 100
49 62.4 102.6 154.0#
51 55.5 31.9 47.9#
86 47.0 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 68.756 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY013342.D

Acq: 19 Apr 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :

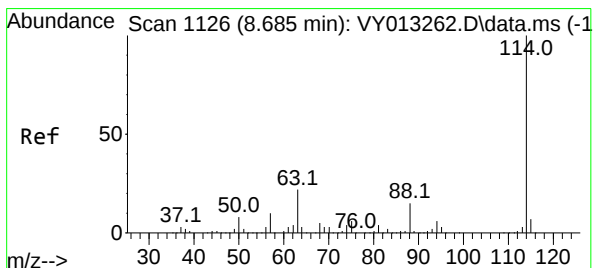
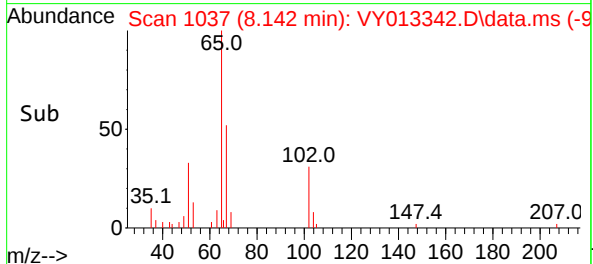
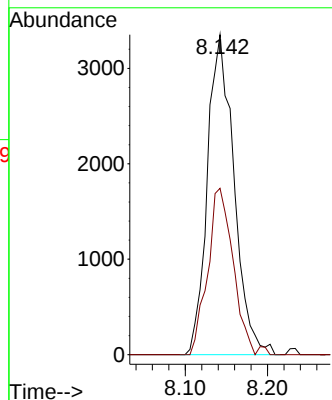
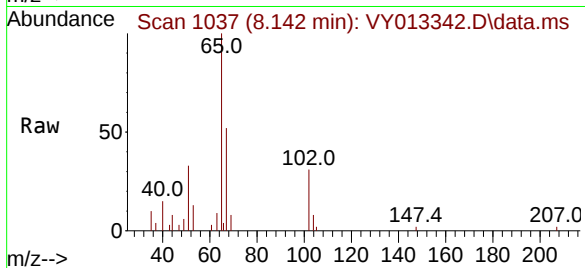
SB-23-5.0-5.5

Tgt Ion: 65 Resp: 7530

Ion Ratio Lower Upper

65 100

67 49.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY013342.D

Acq: 19 Apr 2023 13:52

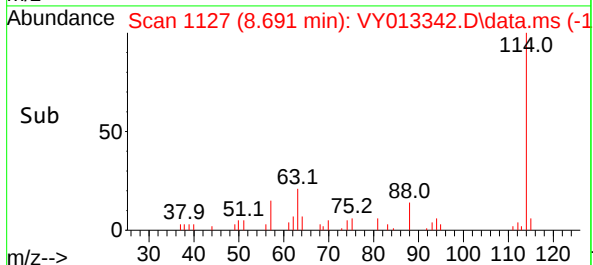
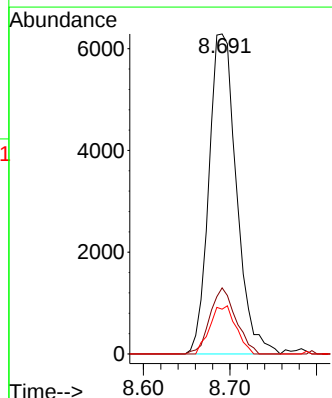
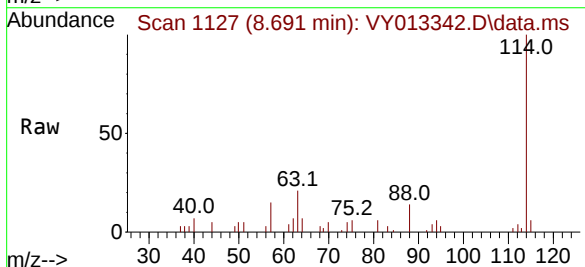
Tgt Ion: 114 Resp: 13901

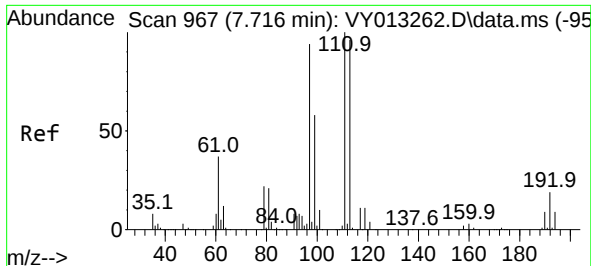
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.4

88 14.0 0.0 28.6

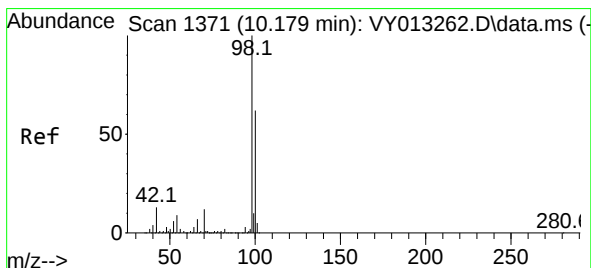
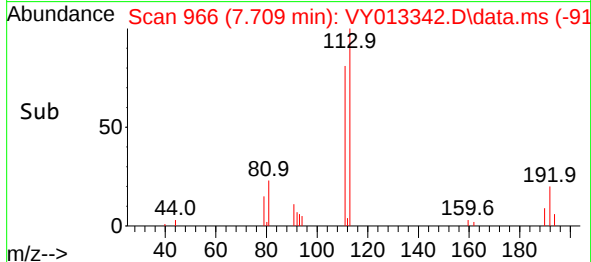
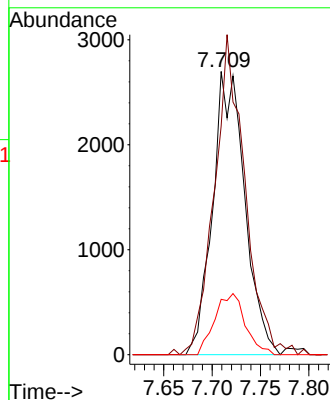
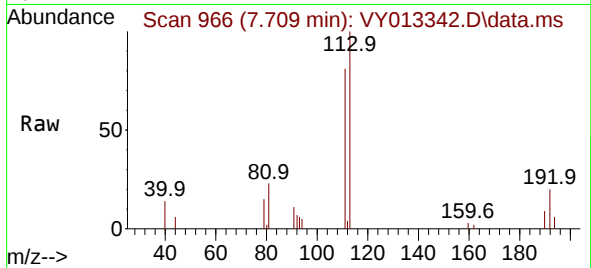




#35
 Dibromofluoromethane
 Concen: 69.327 ug/l
 RT: 7.709 min Scan# 91
 Delta R.T. -0.007 min
 Lab File: VY013342.D
 Acq: 19 Apr 2023 13:52

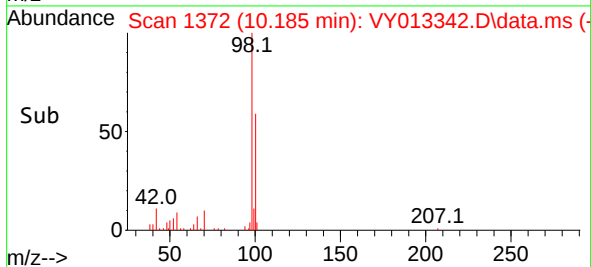
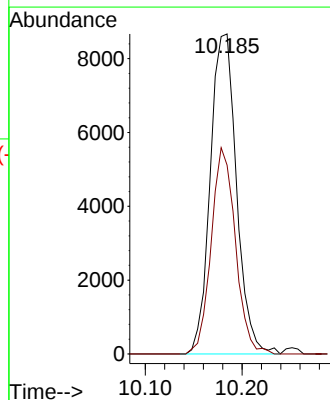
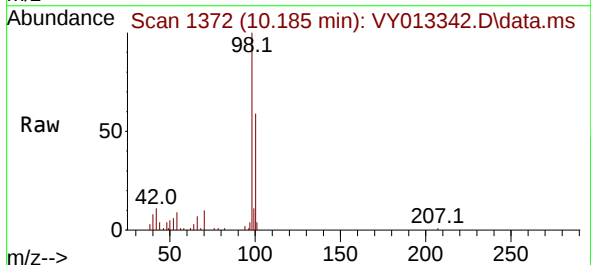
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-23-5.0-5.5

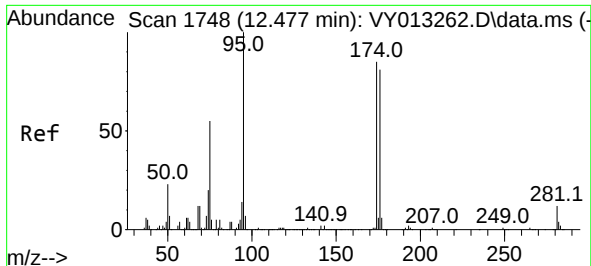
Tgt Ion:113 Resp: 6239
 Ion Ratio Lower Upper
 113 100
 111 107.6 82.2 123.2
 192 20.5 16.8 25.2



#50
 Toluene-d8
 Concen: 48.804 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.006 min
 Lab File: VY013342.D
 Acq: 19 Apr 2023 13:52

Tgt Ion: 98 Resp: 16348
 Ion Ratio Lower Upper
 98 100
 100 59.5 50.9 76.3

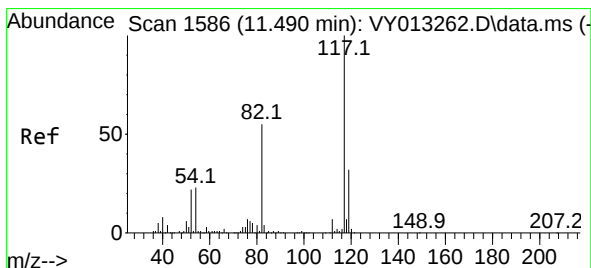
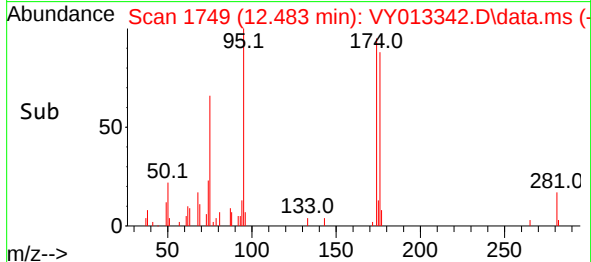
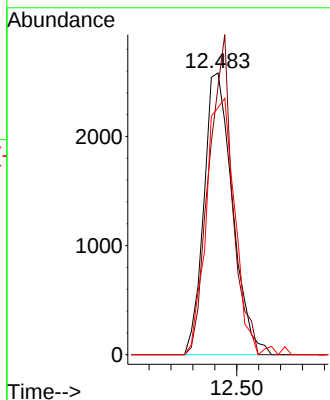
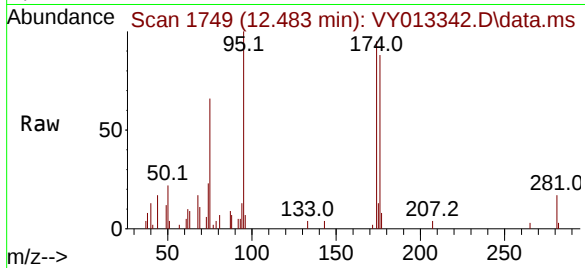




#62
4-Bromofluorobenzene
Concen: 43.037 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013342.D
Acq: 19 Apr 2023 13:52

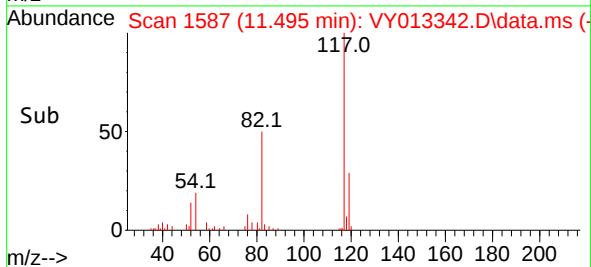
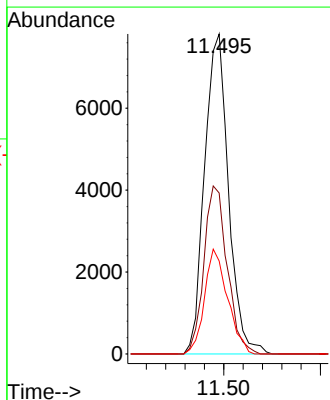
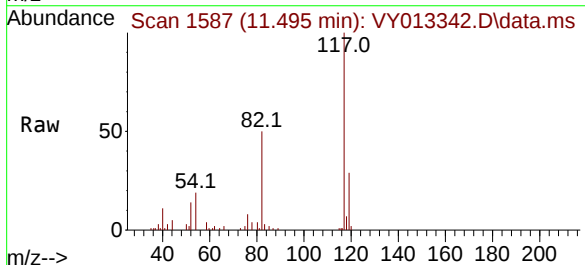
Instrument :
MSVOA_Y
ClientSampleId :
SB-23-5.0-5.5

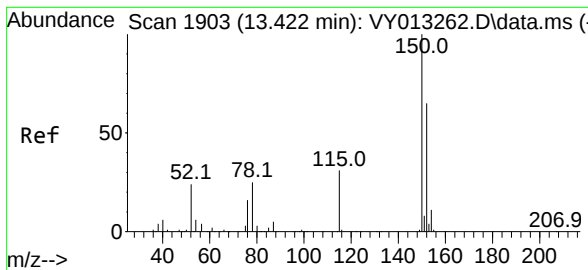
Tgt Ion: 95 Resp: 4684
Ion Ratio Lower Upper
95 100
174 94.1 0.0 176.6
176 90.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY013342.D
Acq: 19 Apr 2023 13:52

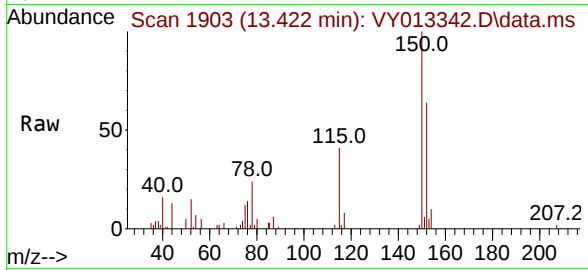
Tgt Ion: 117 Resp: 13415
Ion Ratio Lower Upper
117 100
82 50.3 45.4 68.0
119 29.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013342.D
 Acq: 19 Apr 2023 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-23-5.0-5.5



Tgt Ion:152 Resp: 4721
 Ion Ratio Lower Upper
 152 100
 115 57.1 27.1 81.3
 150 157.0 0.0 347.8

