

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013632.D
 Acq On : 05 May 2023 17:52
 Operator : KP/MD
 Sample : 02588-04
 Misc : 4.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-C-0-3-05012023

Quant Time: May 08 00:25:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

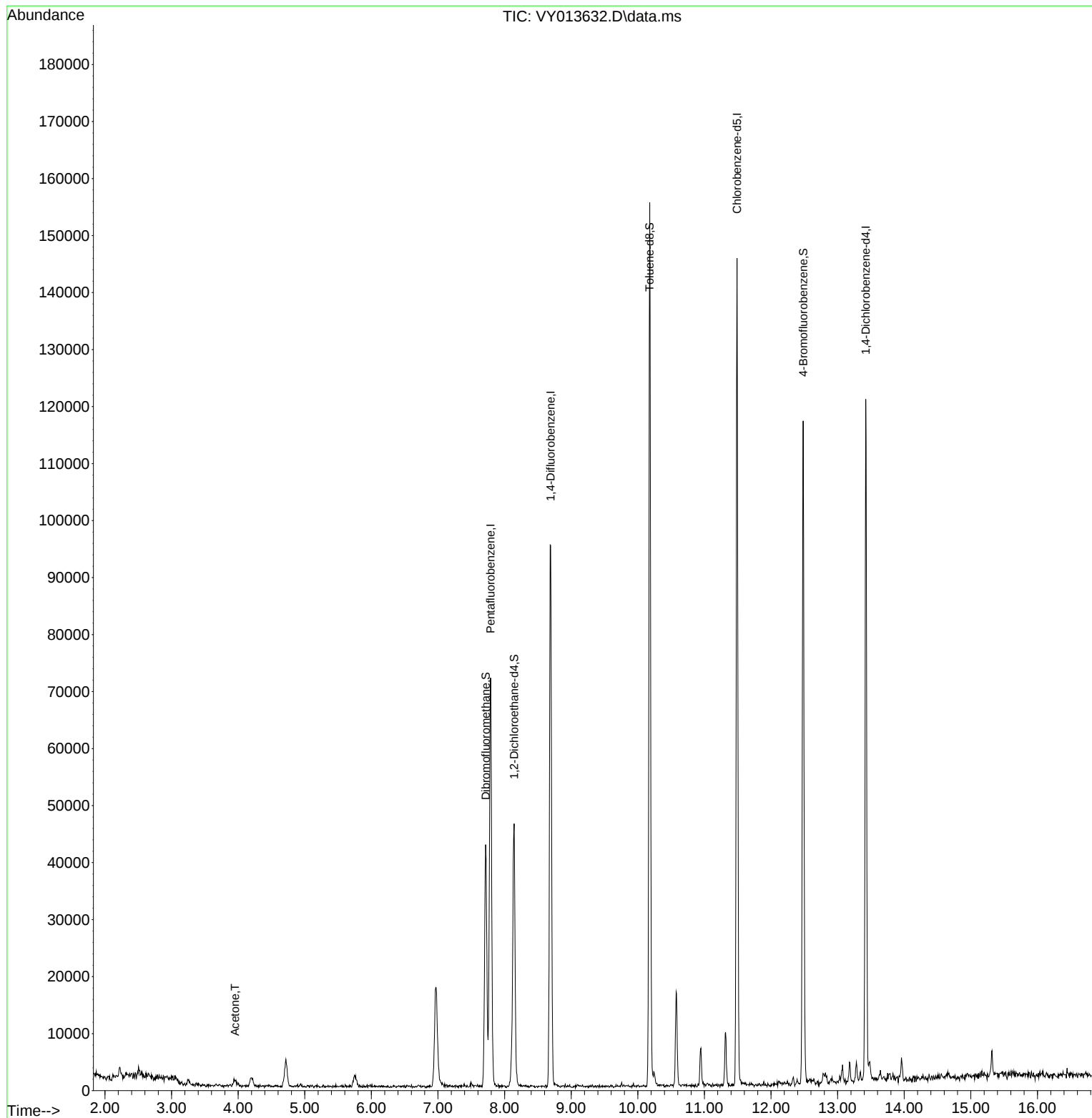
Internal Standards						
1) Pentafluorobenzene	7.789	168	55933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	77338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	36459	59.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.920%
35) Dibromofluoromethane	7.716	113	28968	55.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.620%
50) Toluene-d8	10.179	98	101524	54.492	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.980%
62) 4-Bromofluorobenzene	12.483	95	28845	45.924	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.840%
Target Compounds						
16) Acetone	3.954	43	2061	8.535	ug/l	Qvalue # 85

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

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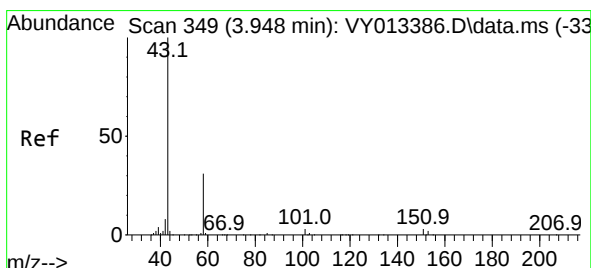
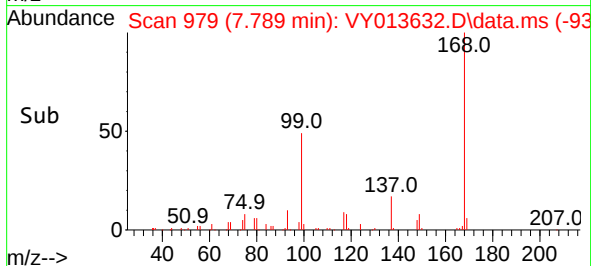
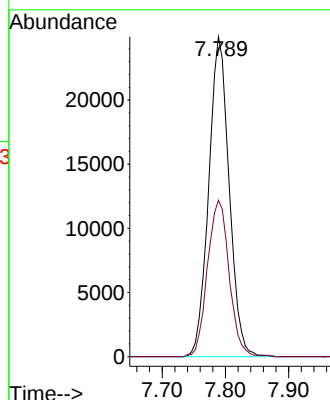
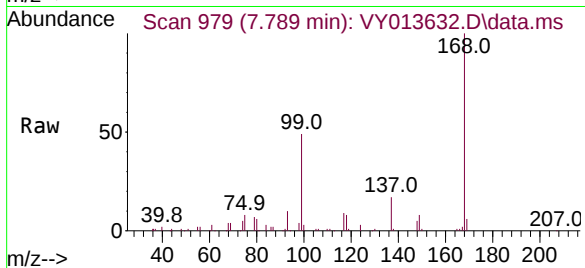




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013632.D
Acq: 05 May 2023 17:52

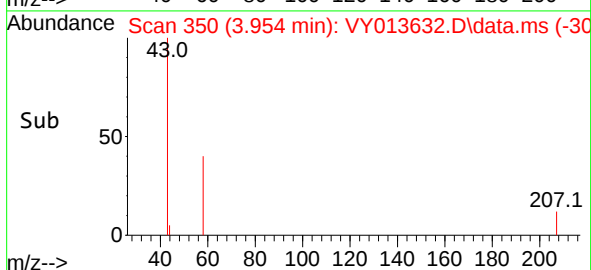
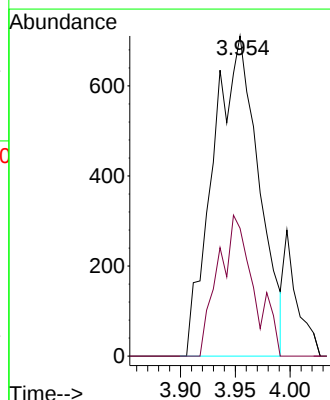
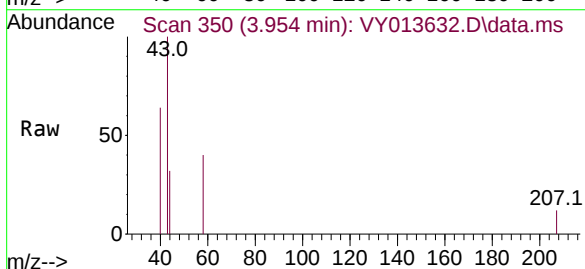
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-C-0-3-05012023

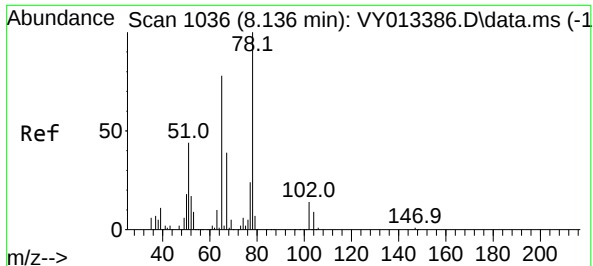
Tgt Ion:168 Resp: 55933
Ion Ratio Lower Upper
168 100
99 48.9 41.8 62.6



#16
Acetone
Concen: 8.535 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013632.D
Acq: 05 May 2023 17:52

Tgt Ion: 43 Resp: 2061
Ion Ratio Lower Upper
43 100
58 39.9 25.4 38.0#





#33

1,2-Dichloroethane-d4

Concen: 59.462 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY013632.D

Acq: 05 May 2023 17:52

Instrument :

MSVOA_Y

ClientSampleId :

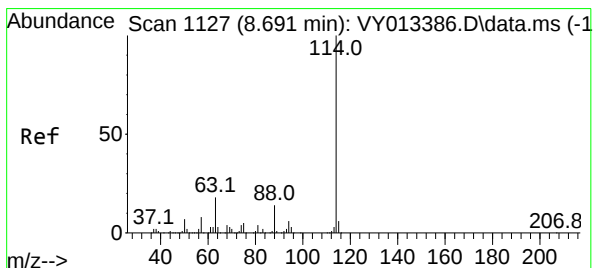
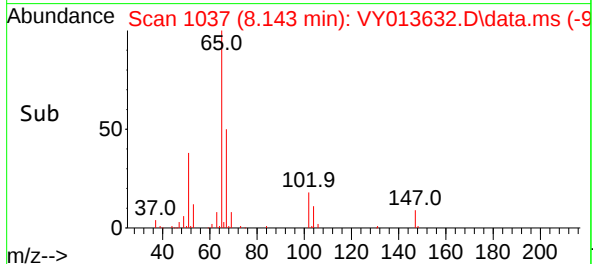
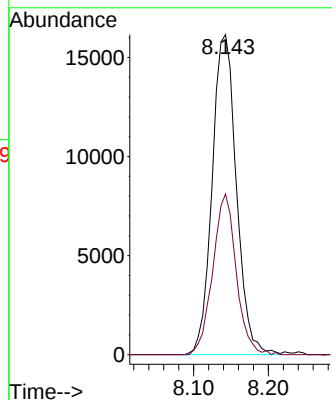
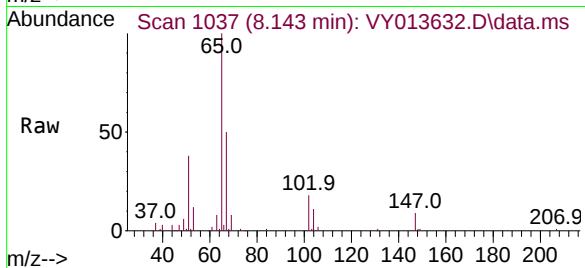
ZONE-C-0-3-05012023

Tgt Ion: 65 Resp: 36459

Ion Ratio Lower Upper

65 100

67 48.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013632.D

Acq: 05 May 2023 17:52

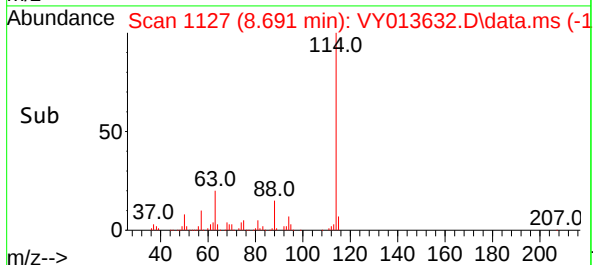
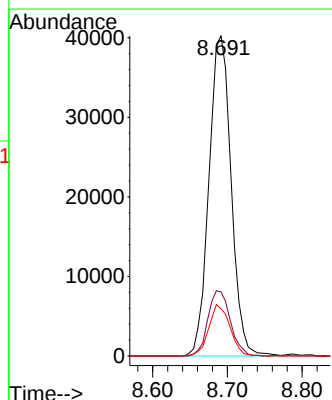
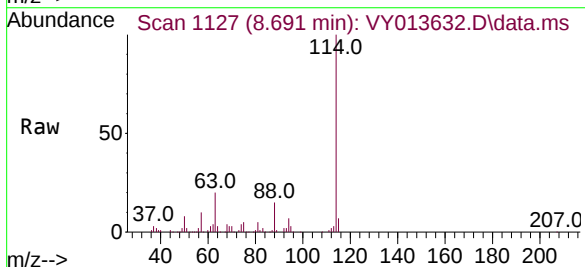
Tgt Ion: 114 Resp: 83269

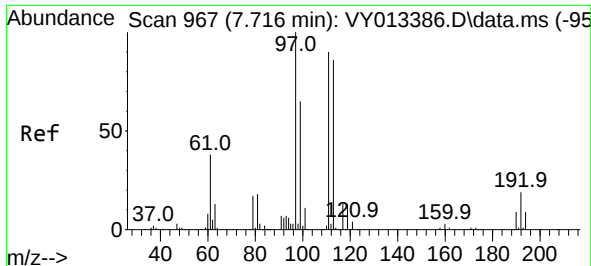
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.6

88 14.7 0.0 28.8

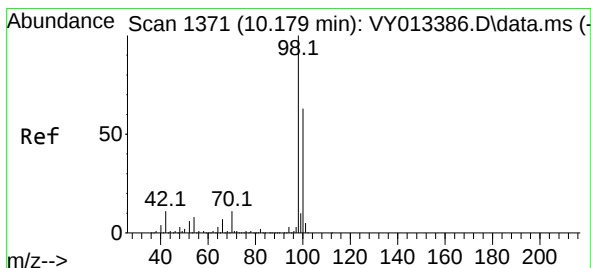
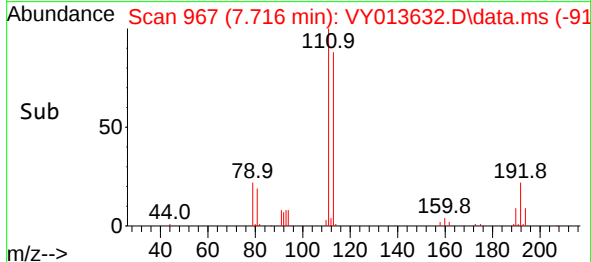
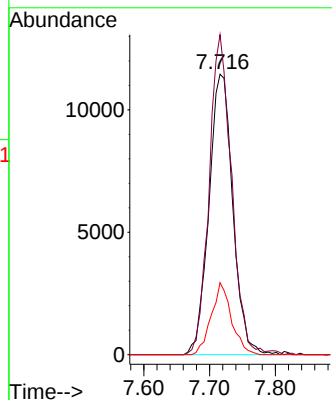
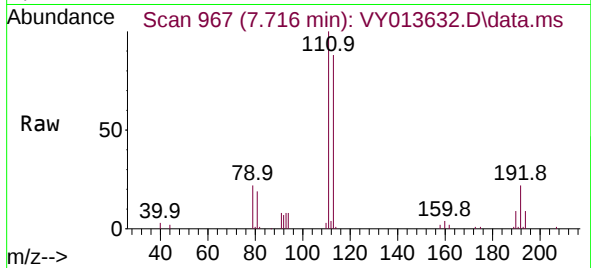




#35
Dibromofluoromethane
Concen: 55.312 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY013632.D
Acq: 05 May 2023 17:52

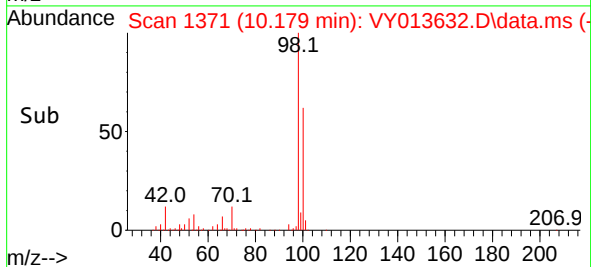
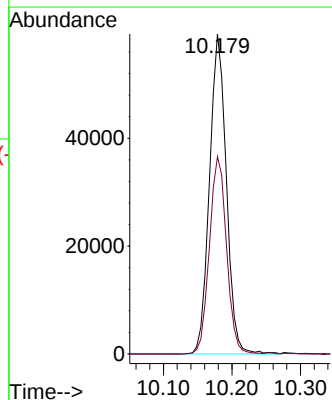
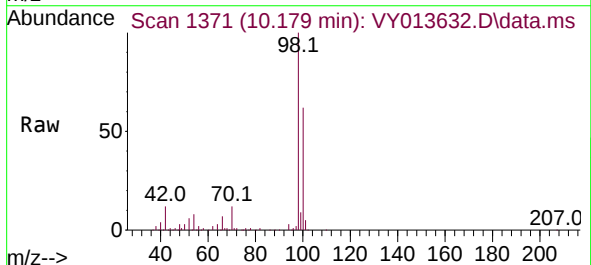
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-C-0-3-05012023

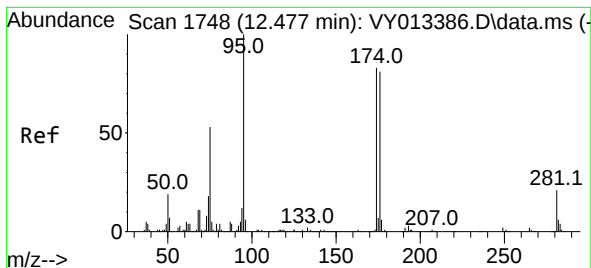
Tgt Ion:113 Resp: 28968
Ion Ratio Lower Upper
113 100
111 106.8 82.2 123.2
192 21.8 16.7 25.1



#50
Toluene-d8
Concen: 54.492 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013632.D
Acq: 05 May 2023 17:52

Tgt Ion: 98 Resp: 101524
Ion Ratio Lower Upper
98 100
100 62.7 50.5 75.7

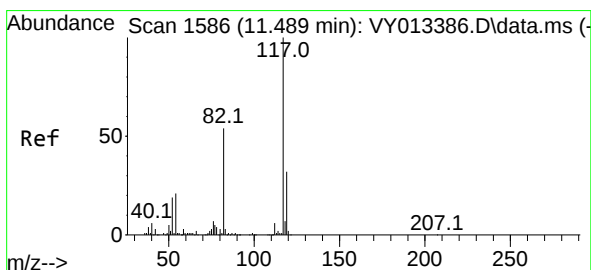
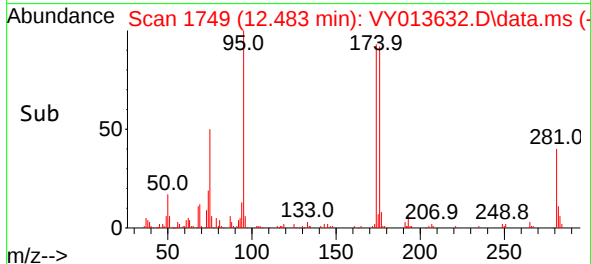
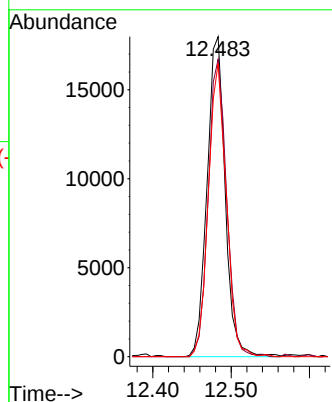
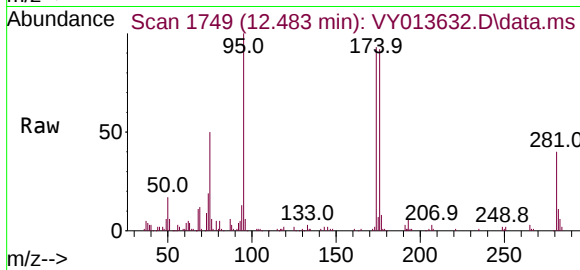




#62
4-Bromofluorobenzene
Concen: 45.924 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013632.D
Acq: 05 May 2023 17:52

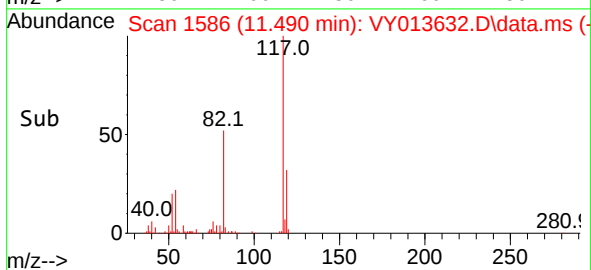
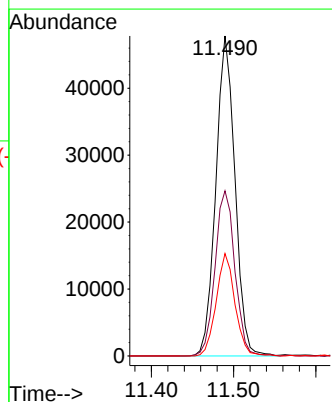
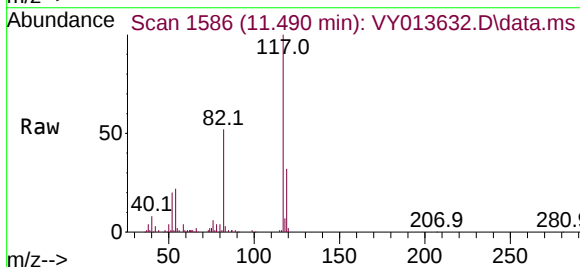
Instrument :
MSVOA_Y
ClientSampleId :
ZONE-C-0-3-05012023

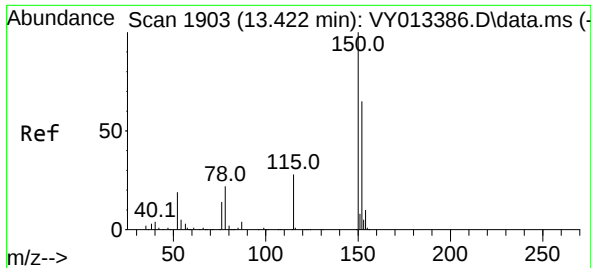
Tgt Ion: 95 Resp: 28845
Ion Ratio Lower Upper
95 100
174 93.8 0.0 182.0
176 90.5 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013632.D
Acq: 05 May 2023 17:52

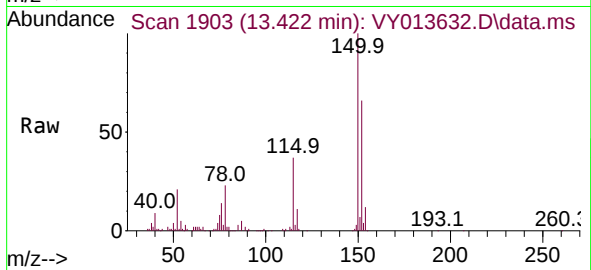
Tgt Ion: 117 Resp: 77338
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.6
119 32.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013632.D
 Acq: 05 May 2023 17:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 ZONE-C-0-3-05012023



Tgt Ion:	152	Resp:	31240
Ion	Ratio	Lower	Upper
152	100		
115	57.5	28.1	84.2
150	158.7	0.0	352.0

