

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050523\
 Data File : VY013627.D
 Acq On : 05 May 2023 15:55
 Operator : KP/MD
 Sample : 02616-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: May 08 00:24:48 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)

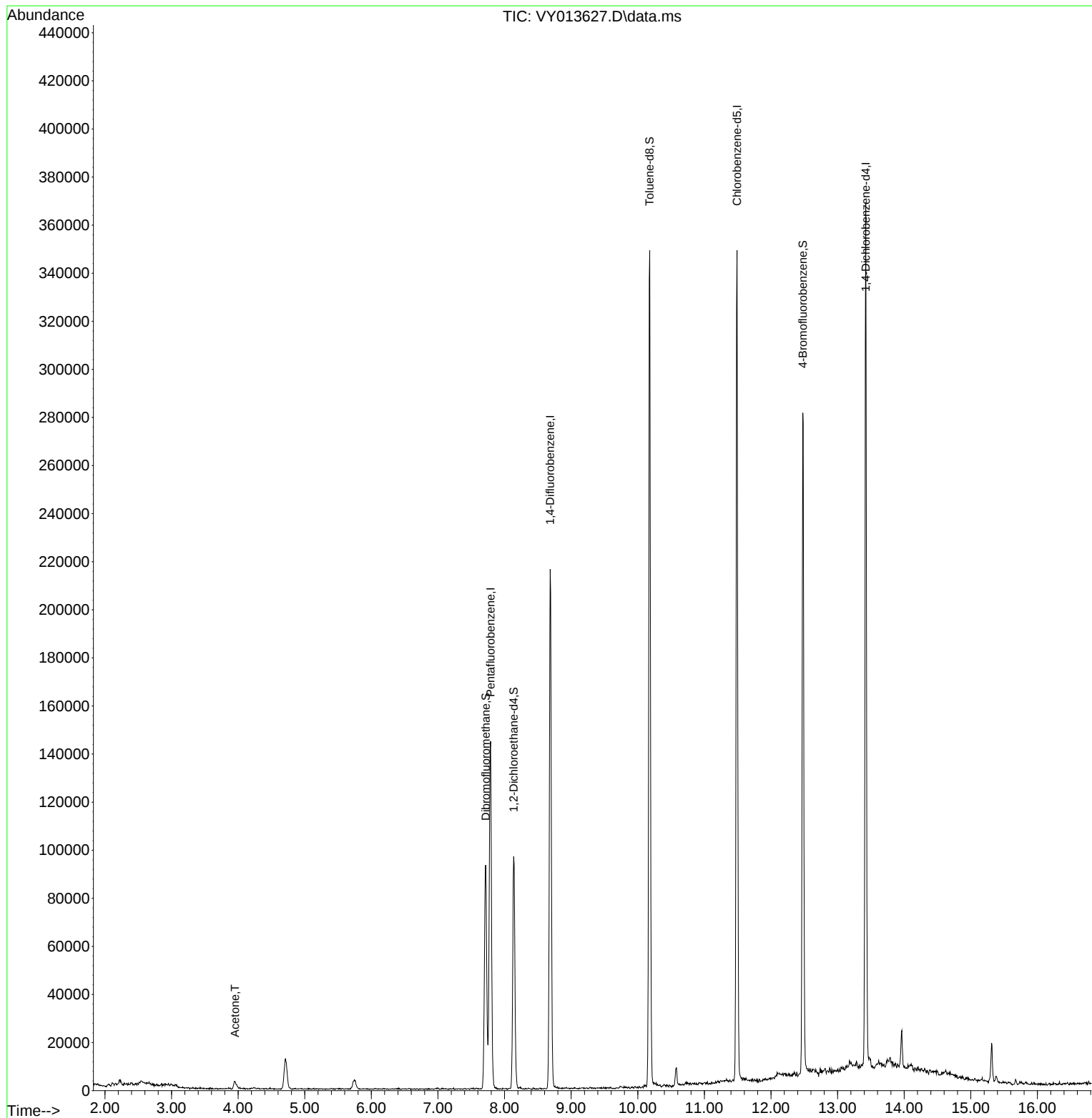
Internal Standards						
1) Pentafluorobenzene	7.789	168	116090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	184340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	185150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	79016	62.090	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.180%	
35) Dibromofluoromethane	7.716	113	65559	56.545	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.080%	
50) Toluene-d8	10.179	98	229128	55.553	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.100%	
62) 4-Bromofluorobenzene	12.477	95	76948	55.339	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.680%	
Target Compounds						
16) Acetone	3.954	43	5984	11.940	ug/l	Qvalue 95

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

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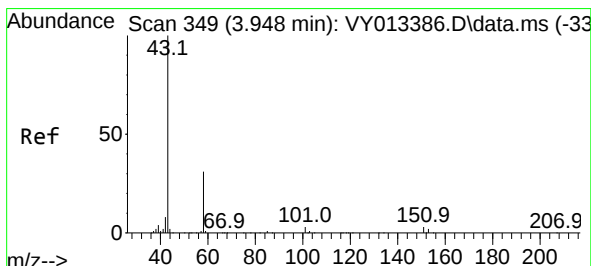
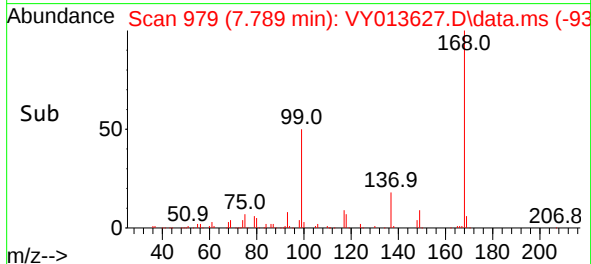
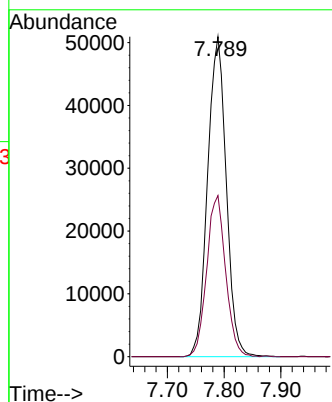
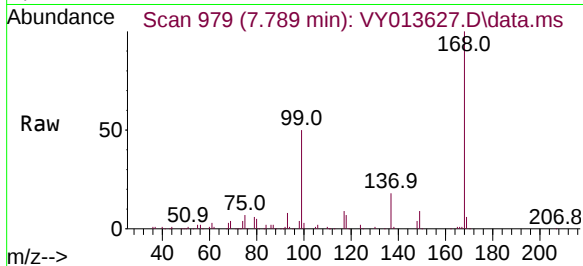




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013627.D
Acq: 05 May 2023 15:55

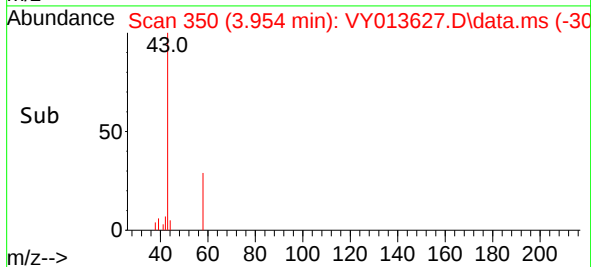
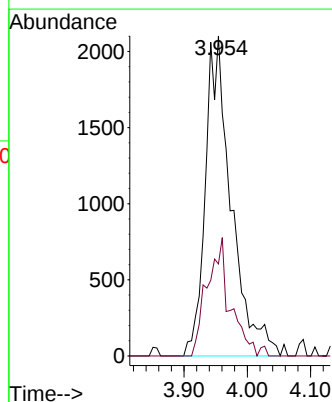
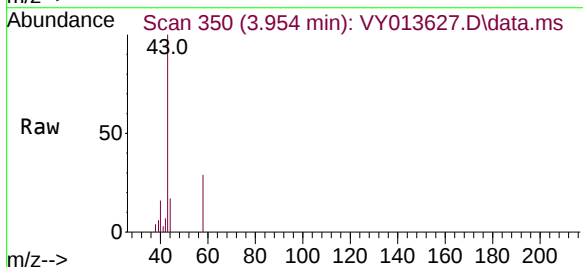
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

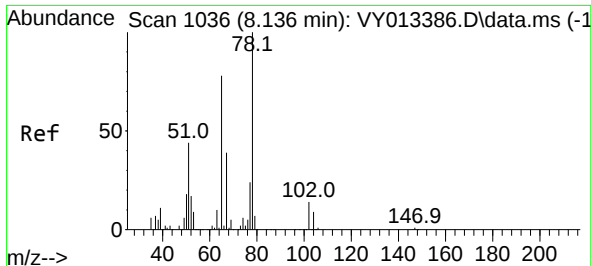
Tgt Ion:168 Resp: 116090
Ion Ratio Lower Upper
168 100
99 50.3 41.8 62.6



#16
Acetone
Concen: 11.940 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013627.D
Acq: 05 May 2023 15:55

Tgt Ion: 43 Resp: 5984
Ion Ratio Lower Upper
43 100
58 28.7 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 62.090 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY013627.D

Acq: 05 May 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

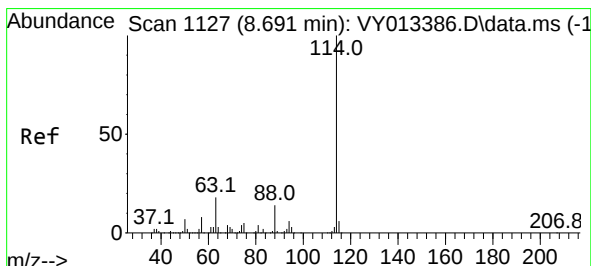
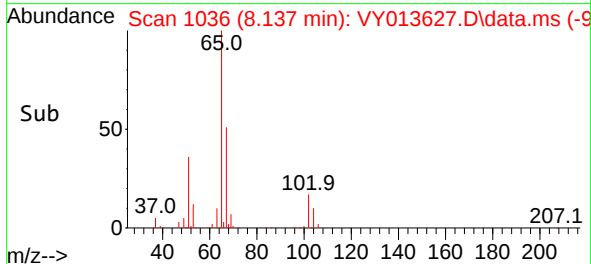
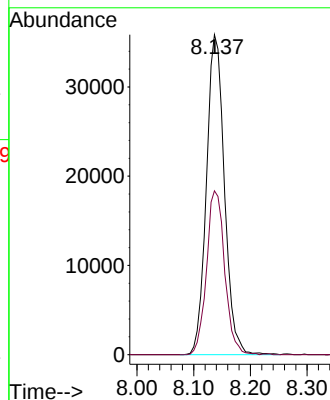
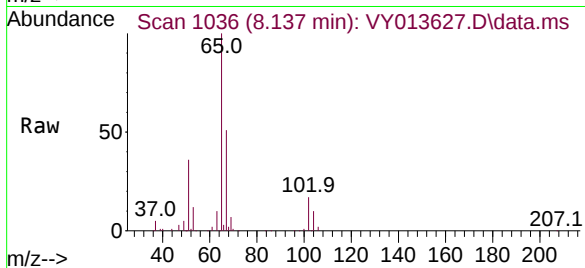
SP-1

Tgt Ion: 65 Resp: 79016

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013627.D

Acq: 05 May 2023 15:55

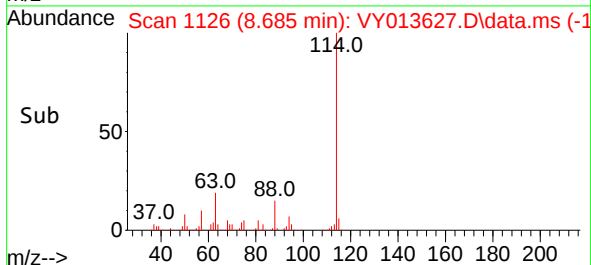
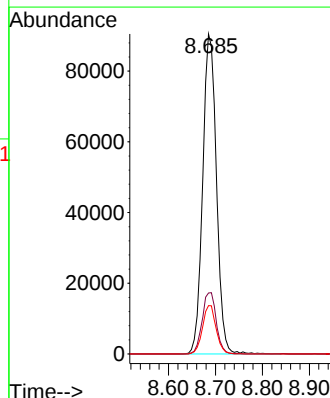
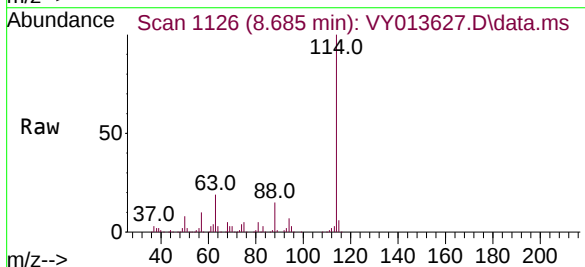
Tgt Ion: 114 Resp: 184340

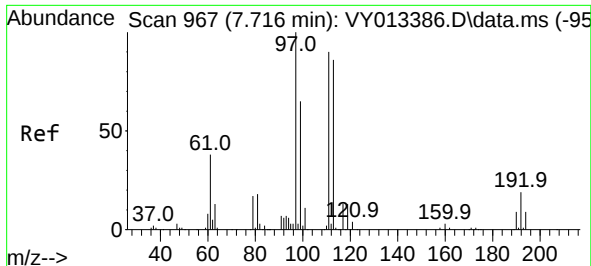
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.6

88 15.1 0.0 28.8

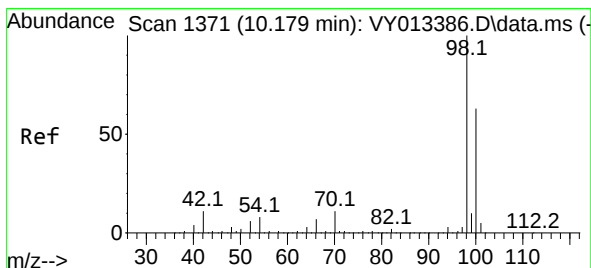
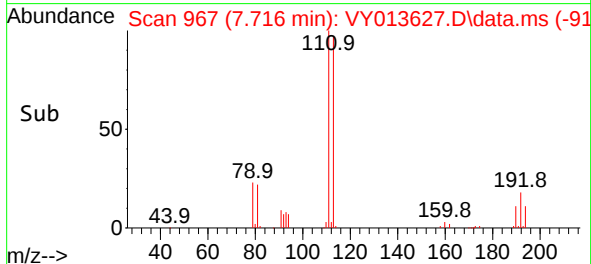
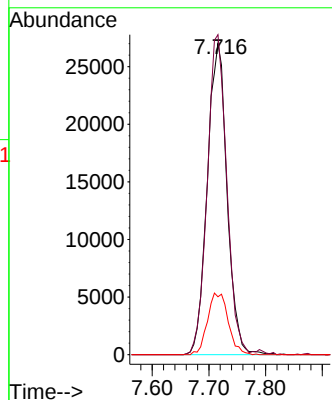
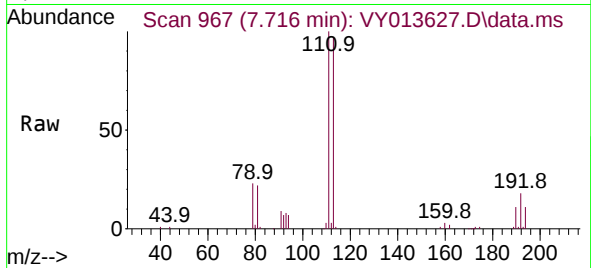




#35
Dibromofluoromethane
Concen: 56.545 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013627.D
Acq: 05 May 2023 15:55

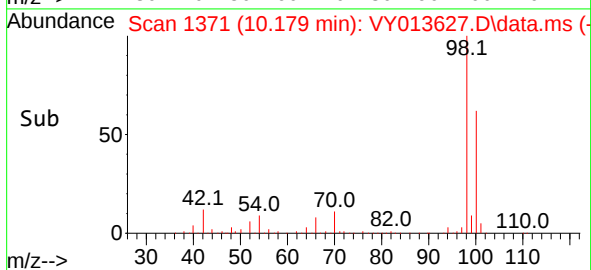
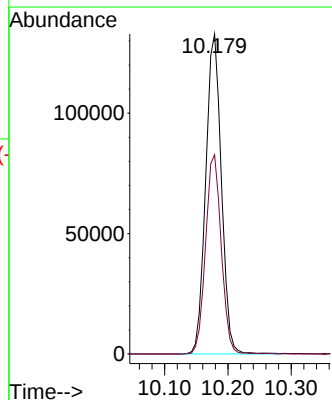
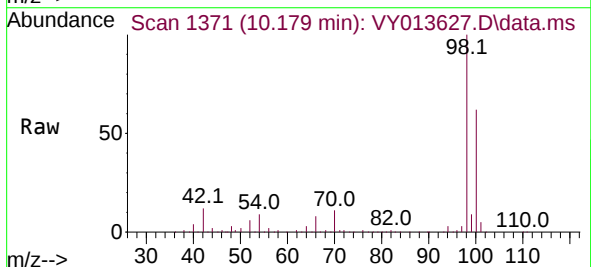
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

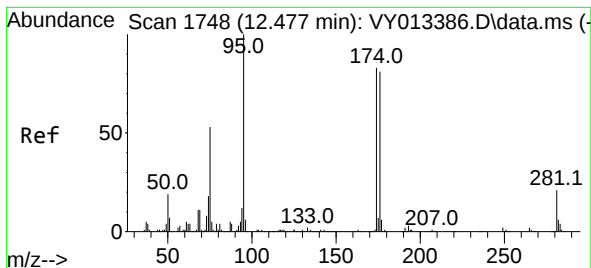
Tgt Ion:113 Resp: 65559
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 20.7 16.7 25.1



#50
Toluene-d8
Concen: 55.553 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013627.D
Acq: 05 May 2023 15:55

Tgt Ion: 98 Resp: 229128
Ion Ratio Lower Upper
98 100
100 62.3 50.5 75.7

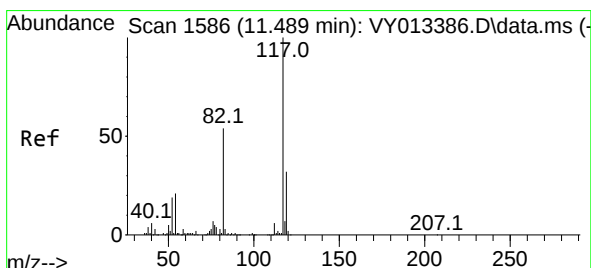
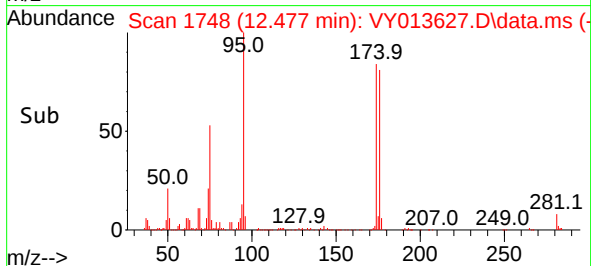
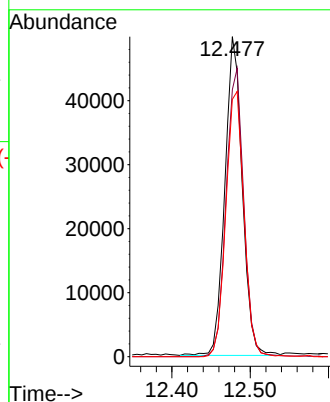
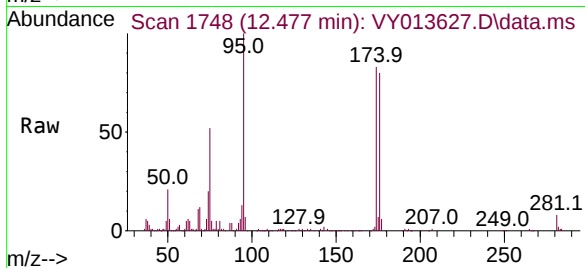




#62
4-Bromofluorobenzene
Concen: 55.339 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013627.D
Acq: 05 May 2023 15:55

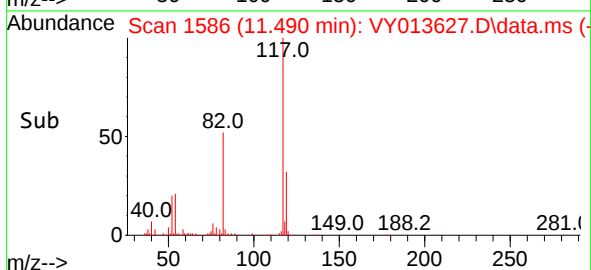
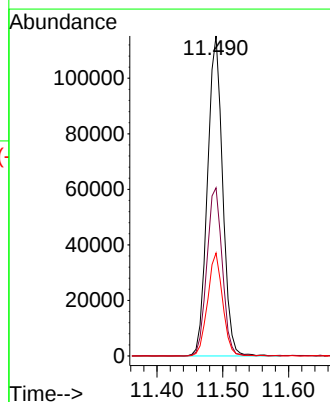
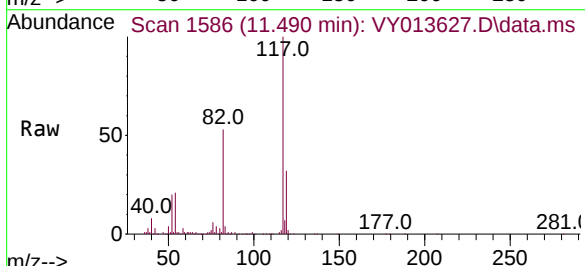
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

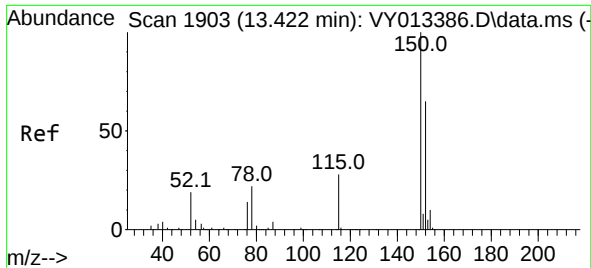
Tgt Ion: 95 Resp: 76948
Ion Ratio Lower Upper
95 100
174 91.5 0.0 182.0
176 86.9 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013627.D
Acq: 05 May 2023 15:55

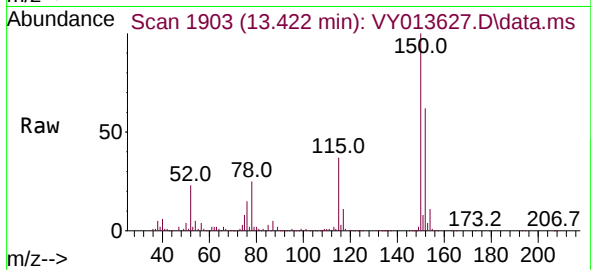
Tgt Ion: 117 Resp: 185150
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.6
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013627.D
 Acq: 05 May 2023 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1



Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.1	84.2
150	160.8	0.0	352.0

