

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013275.D
 Acq On : 12 Apr 2023 18:32
 Operator : KP/MD
 Sample : 02232-02
 Misc : 6.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230207-4-1

Quant Time: Apr 13 06:18:36 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)

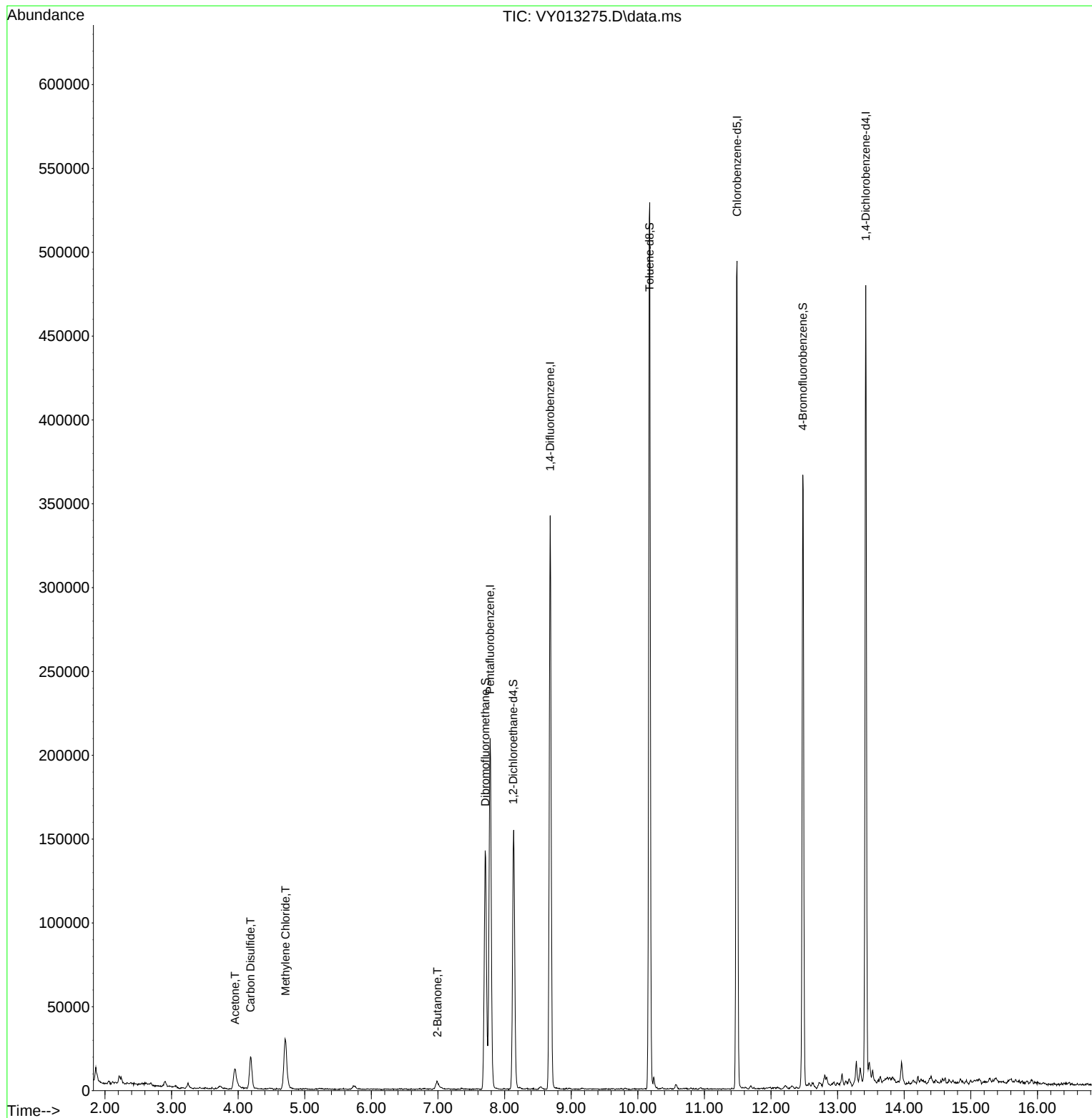
Internal Standards						
1) Pentafluorobenzene	7.783	168	158433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	273099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	254477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	121840	63.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.980%
35) Dibromofluoromethane	7.710	113	98847	55.908	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.820%
50) Toluene-d8	10.179	98	340045	51.672	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.340%
62) 4-Bromofluorobenzene	12.477	95	103759	48.526	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.060%
Target Compounds						
16) Acetone	3.954	43	28034	42.823	ug/l	89
17) Carbon Disulfide	4.186	76	37407	7.621	ug/l	98
20) Methylene Chloride	4.710	84	20675	8.402	ug/l	95
25) 2-Butanone	6.990	43	7674	9.155	ug/l #	88

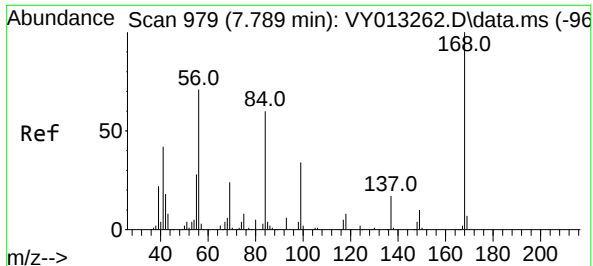
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
Data File : VY013275.D
Acq On : 12 Apr 2023 18:32
Operator : KP/MD
Sample : 02232-02
Misc : 6.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20230207-4-1

Quant Time: Apr 13 06:18:36 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

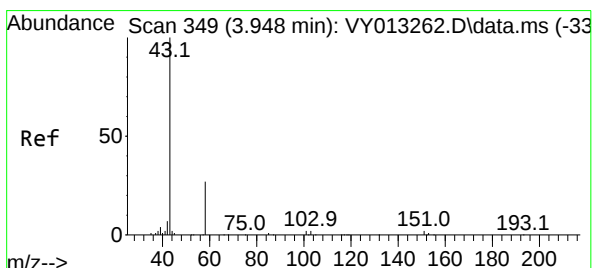
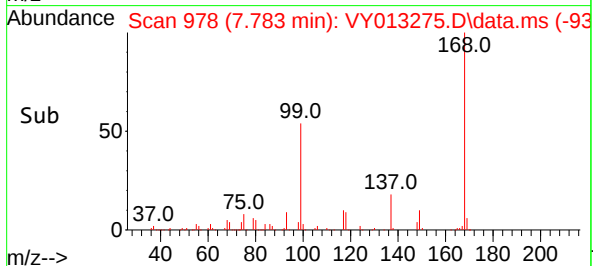
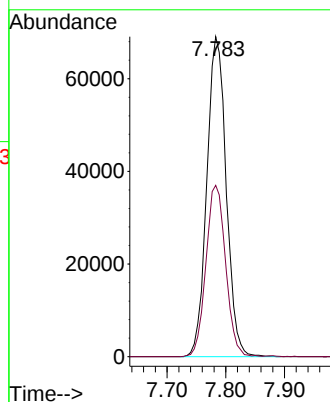
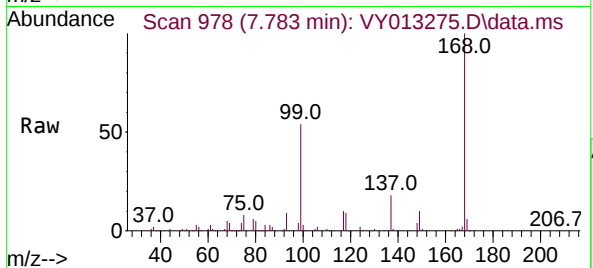




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013275.D
Acq: 12 Apr 2023 18:32

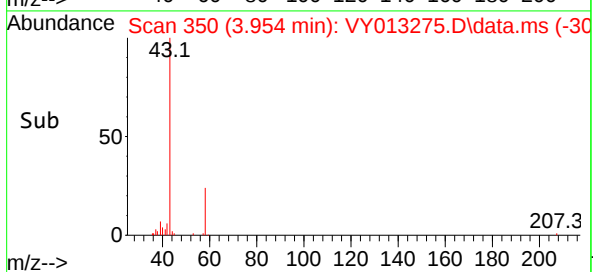
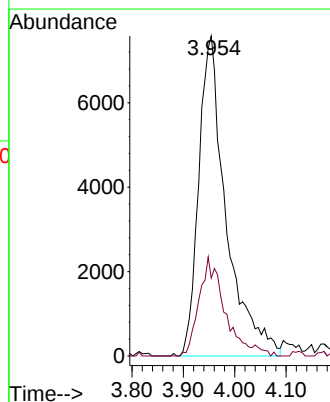
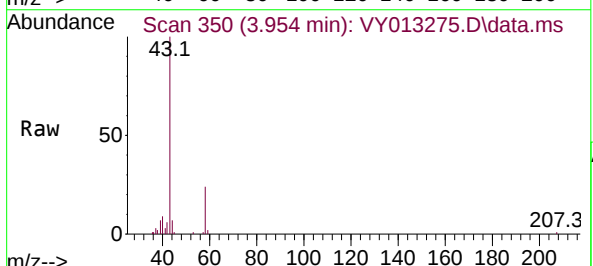
Instrument :
MSVOA_Y
ClientSampleId :
20230207-4-1

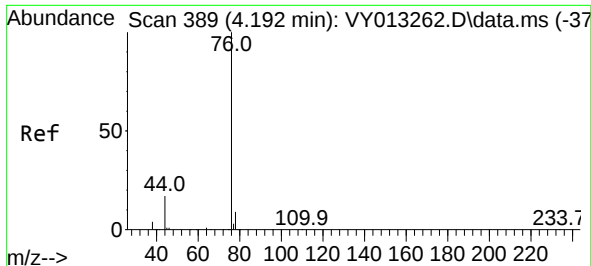
Tgt Ion:168 Resp: 158433
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#16
Acetone
Concen: 42.823 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013275.D
Acq: 12 Apr 2023 18:32

Tgt Ion: 43 Resp: 28034
Ion Ratio Lower Upper
43 100
58 24.3 24.2 36.2

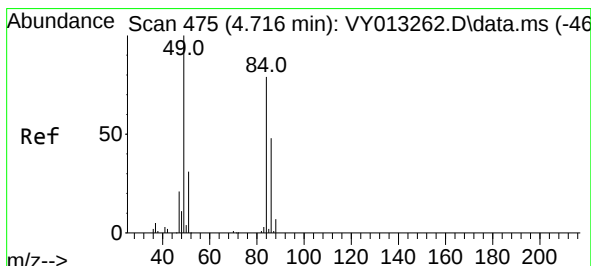
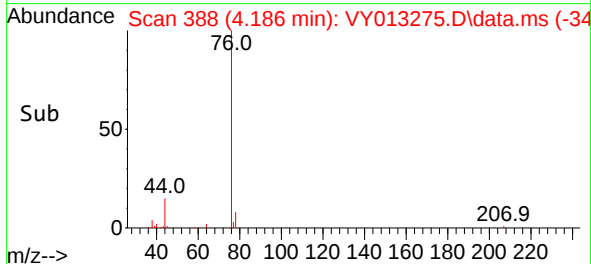
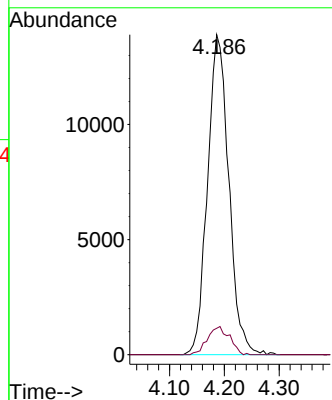
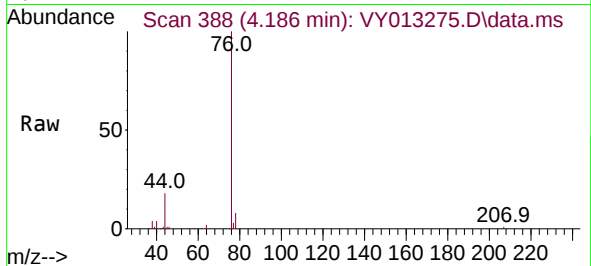




#17
Carbon Disulfide
Concen: 7.621 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013275.D
Acq: 12 Apr 2023 18:32

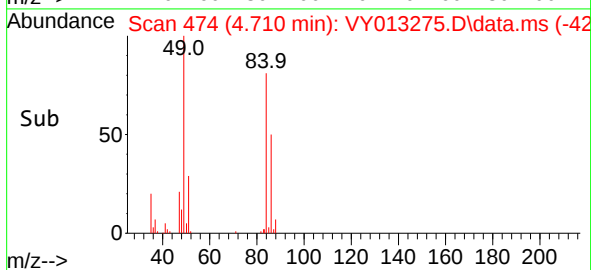
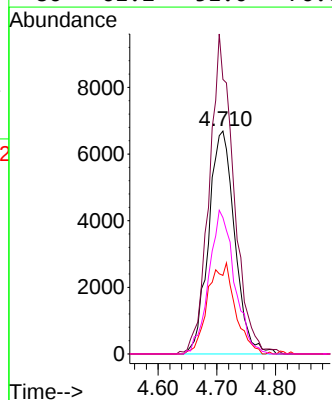
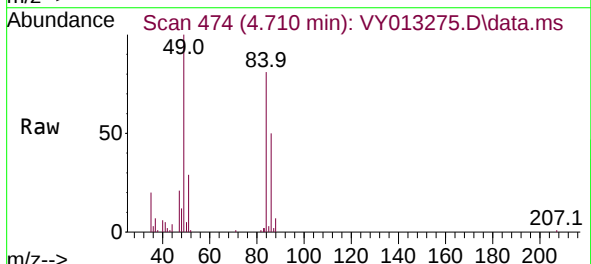
Instrument :
MSVOA_Y
ClientSampleId :
20230207-4-1

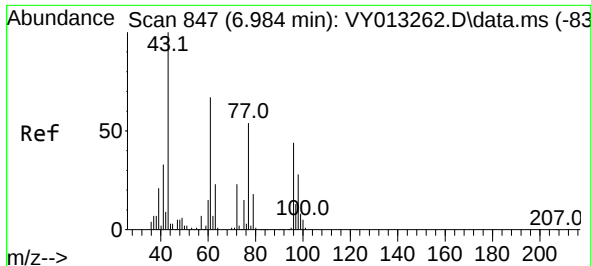
Tgt Ion: 76 Resp: 37407
Ion Ratio Lower Upper
76 100
78 8.3 7.1 10.7



#20
Methylene Chloride
Concen: 8.402 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013275.D
Acq: 12 Apr 2023 18:32

Tgt Ion: 84 Resp: 20675
Ion Ratio Lower Upper
84 100
49 122.3 102.6 154.0
51 35.2 31.9 47.9
86 61.2 51.0 76.6

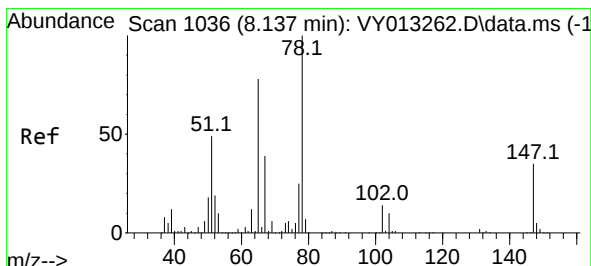
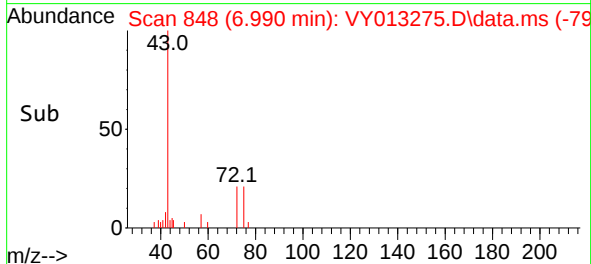
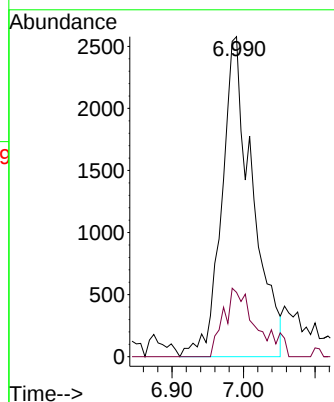
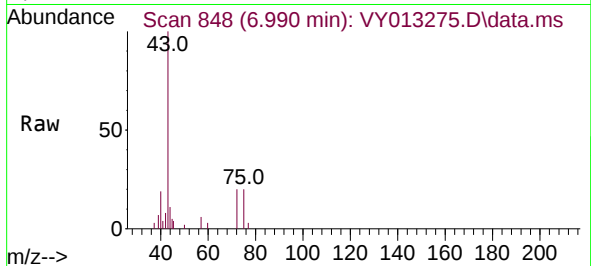




#25
2-Butanone
Concen: 9.155 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY013275.D
Acq: 12 Apr 2023 18:32

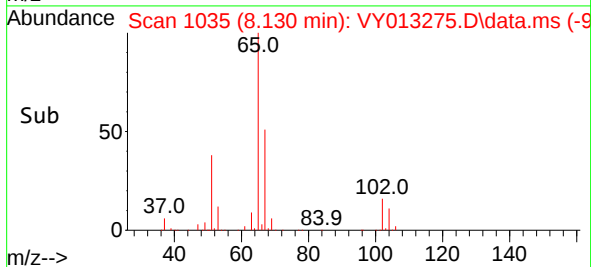
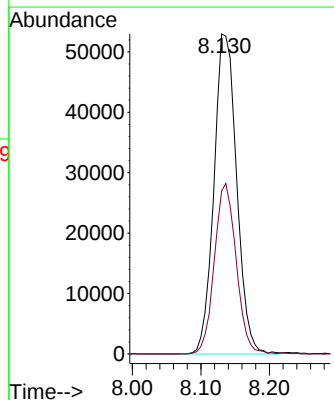
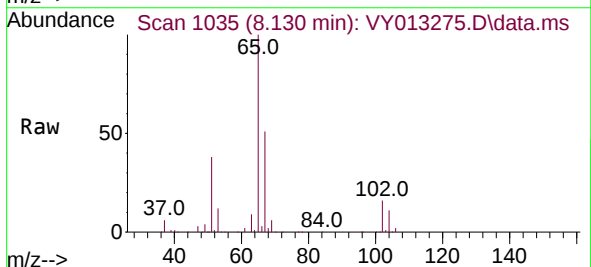
Instrument :
MSVOA_Y
ClientSampleId :
20230207-4-1

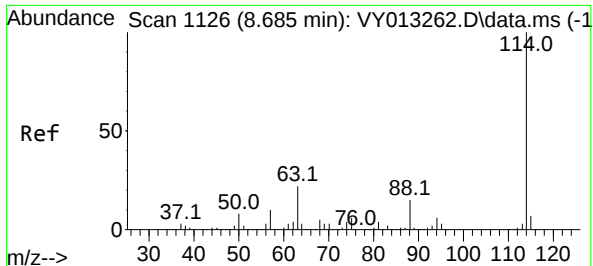
Tgt Ion: 43 Resp: 7674
Ion Ratio Lower Upper
43 100
72 20.1 21.0 31.4#



#33
1,2-Dichloroethane-d4
Concen: 63.992 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013275.D
Acq: 12 Apr 2023 18:32

Tgt Ion: 65 Resp: 121840
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013275.D

Acq: 12 Apr 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

20230207-4-1

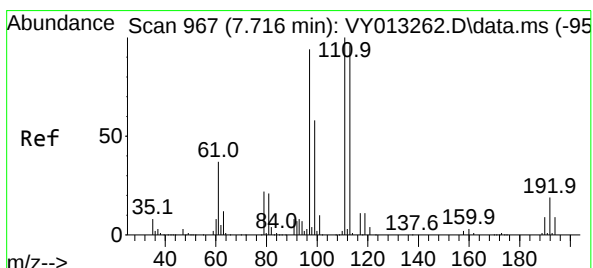
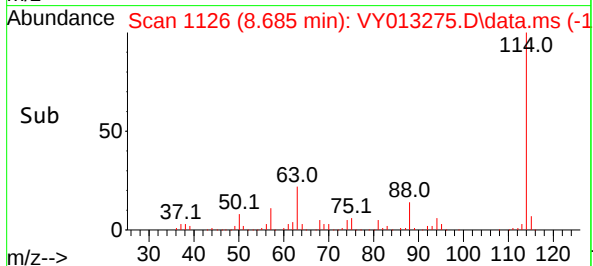
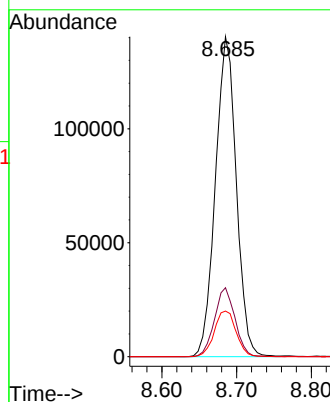
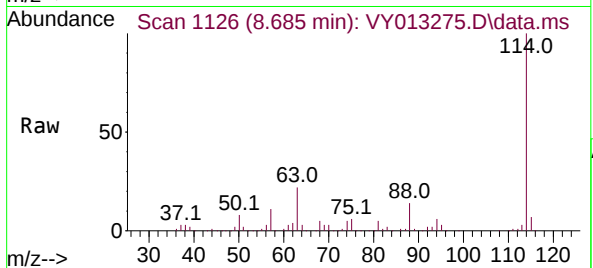
Tgt Ion:114 Resp: 273099

Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.4

88 14.3 0.0 28.6



#35

Dibromofluoromethane

Concen: 55.908 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013275.D

Acq: 12 Apr 2023 18:32

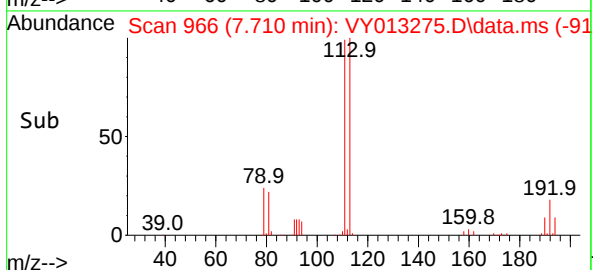
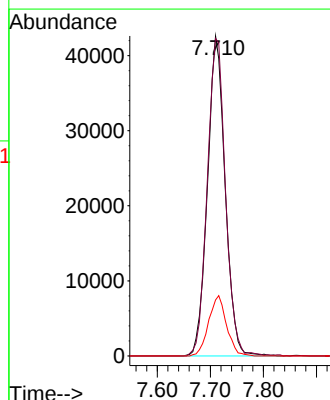
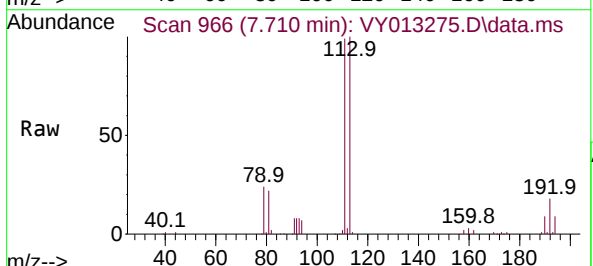
Tgt Ion:113 Resp: 98847

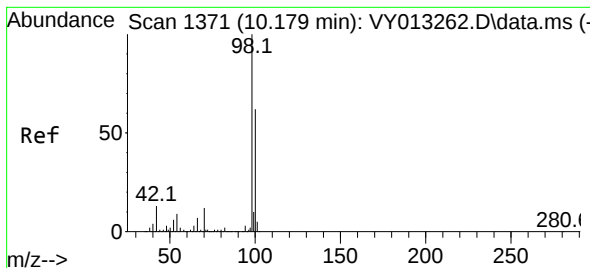
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

192 19.1 16.8 25.2





#50

Toluene-d8

Concen: 51.672 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013275.D

Acq: 12 Apr 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

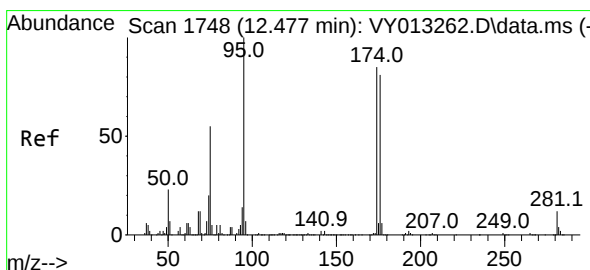
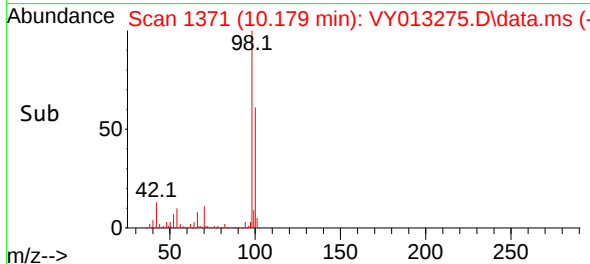
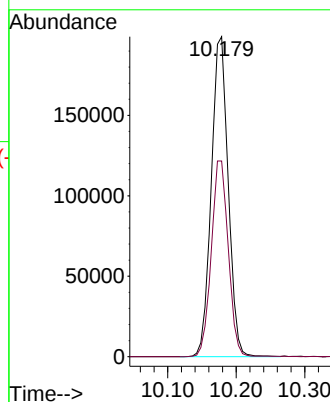
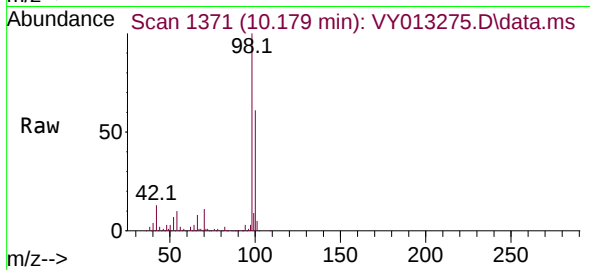
20230207-4-1

Tgt Ion: 98 Resp: 340045

Ion Ratio Lower Upper

98 100

100 61.6 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 48.526 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY013275.D

Acq: 12 Apr 2023 18:32

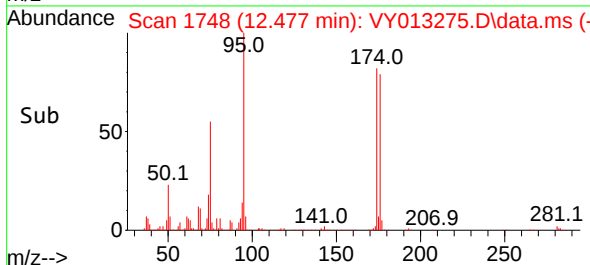
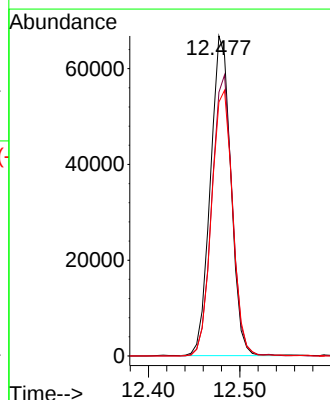
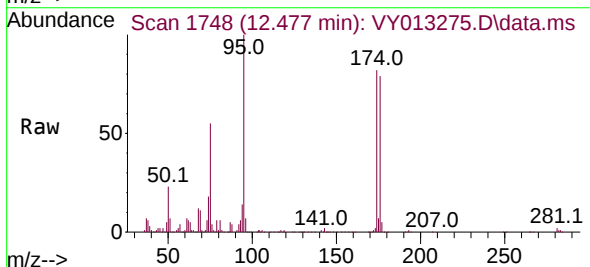
Tgt Ion: 95 Resp: 103759

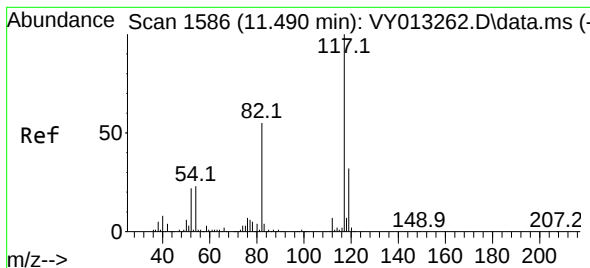
Ion Ratio Lower Upper

95 100

174 88.0 0.0 176.6

176 85.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013275.D

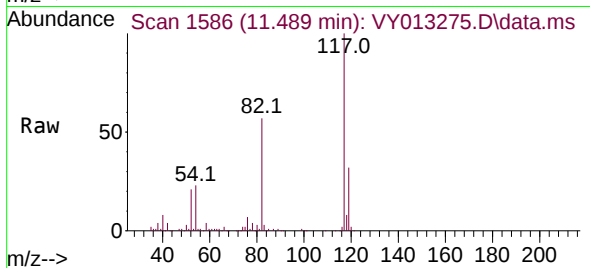
Acq: 12 Apr 2023 18:32

Instrument :

MSVOA_Y

ClientSampleId :

20230207-4-1



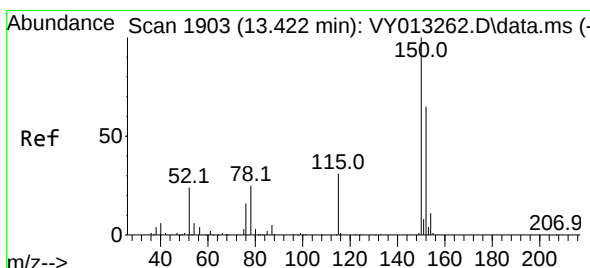
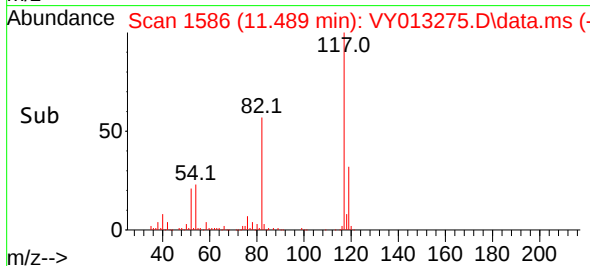
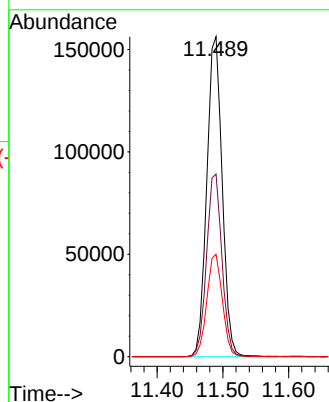
Tgt Ion:117 Resp: 254477

Ion Ratio Lower Upper

117 100

82 57.1 45.4 68.0

119 32.0 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: VY013275.D

Acq: 12 Apr 2023 18:32

Tgt Ion:152 Resp: 117715

Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.3

150 154.7 0.0 347.8

