

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013318.D
 Acq On : 14 Apr 2023 14:57
 Operator : KP/MD
 Sample : 02306-02
 Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230251-15-1

Quant Time: Apr 17 02:12:14 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)

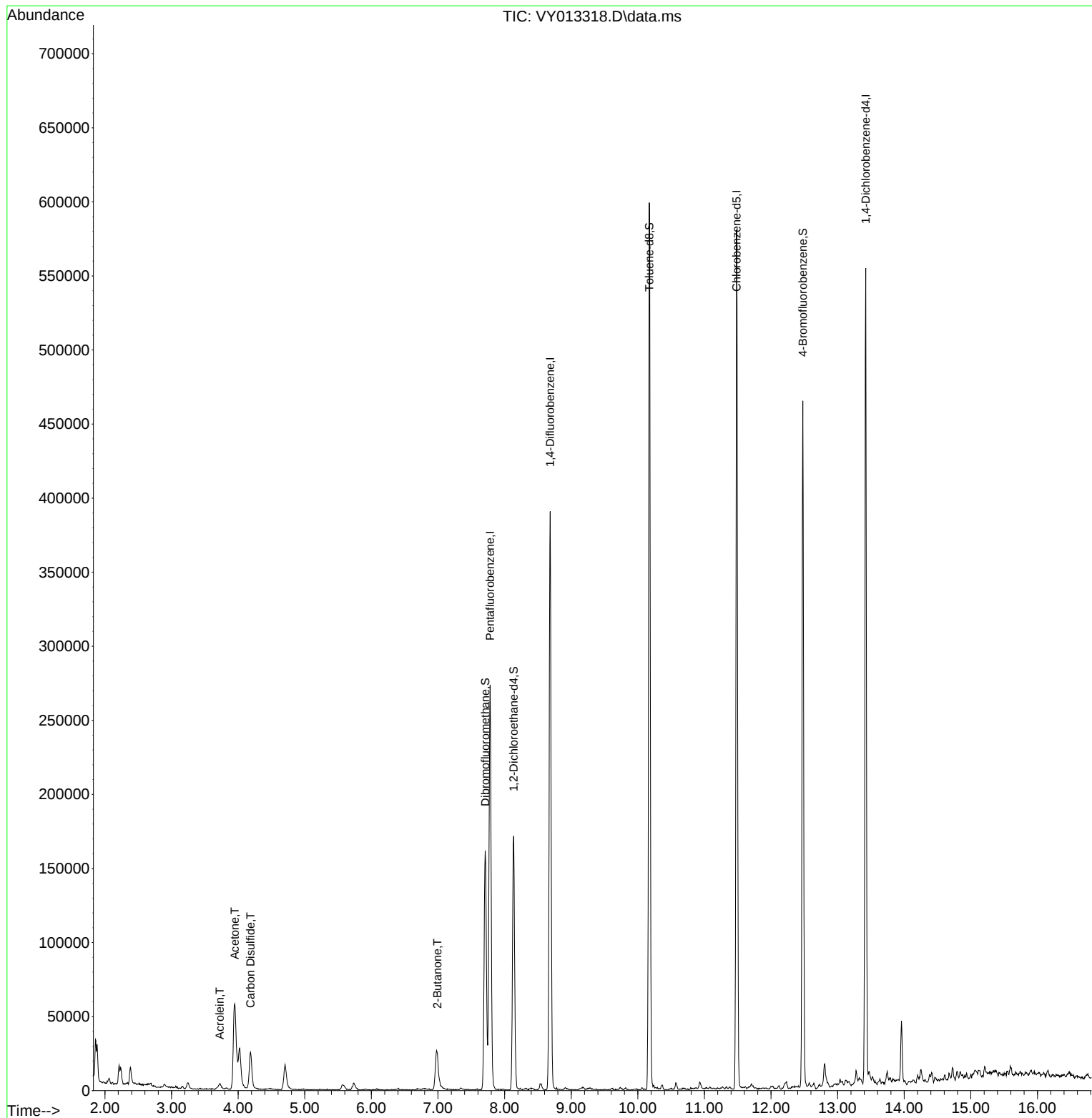
Internal Standards						
1) Pentafluorobenzene	7.783	168	214728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	335596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	305506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	138433	53.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.300%
35) Dibromofluoromethane	7.710	113	116479	53.612	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.220%
50) Toluene-d8	10.173	98	394114	48.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.477	95	129787	49.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.780%
Target Compounds						
						Qvalue
13) Acrolein	3.722	56	5034	15.880	ug/l	# 82
16) Acetone	3.948	43	130395	146.964	ug/l	100
17) Carbon Disulfide	4.186	76	50060	7.525	ug/l	97
25) 2-Butanone	6.990	43	43965	38.700	ug/l	98

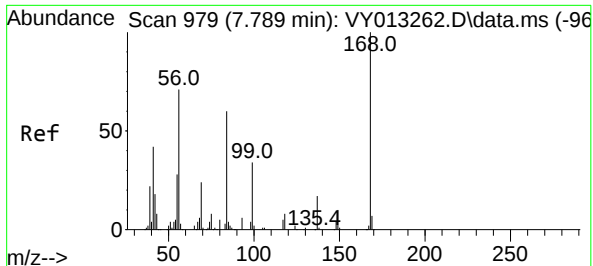
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
Data File : VY013318.D
Acq On : 14 Apr 2023 14:57
Operator : KP/MD
Sample : 02306-02
Misc : 4.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

Quant Time: Apr 17 02:12:14 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

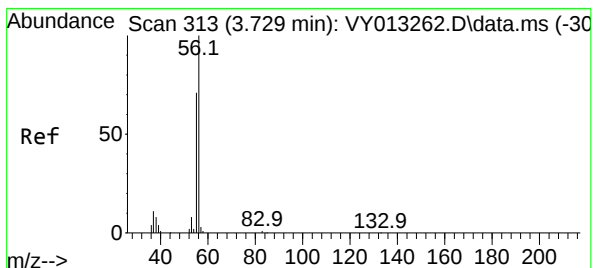
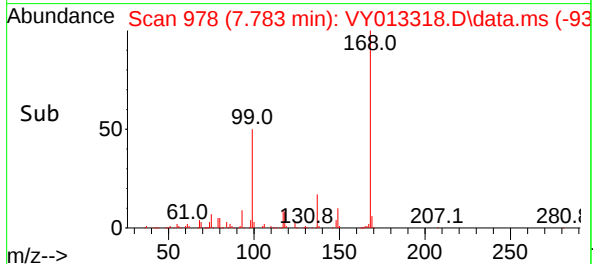
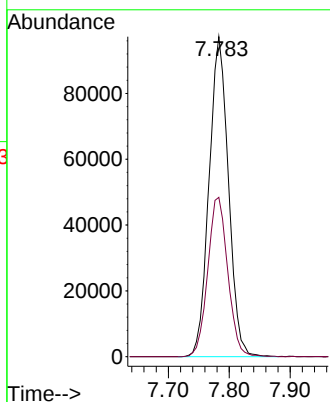
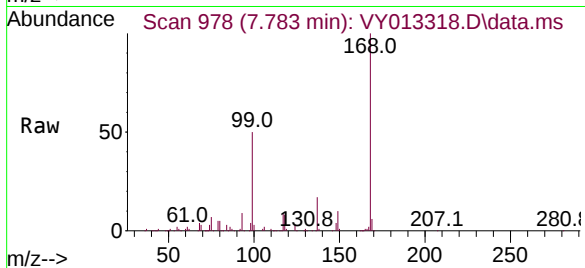




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

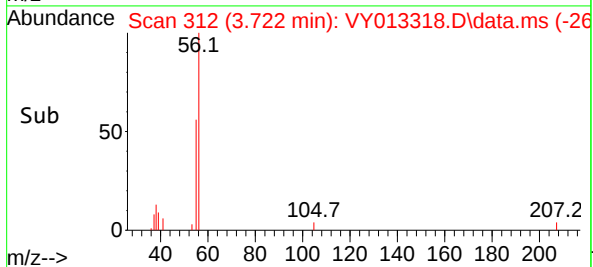
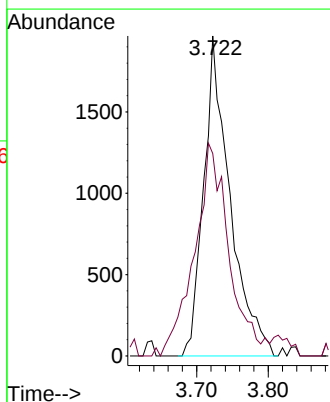
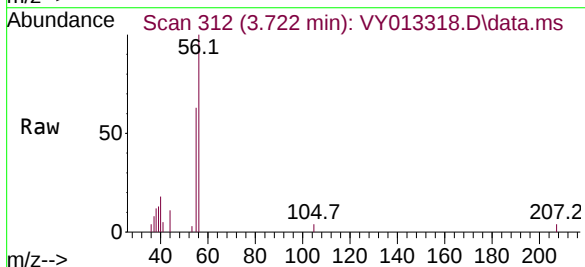
Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

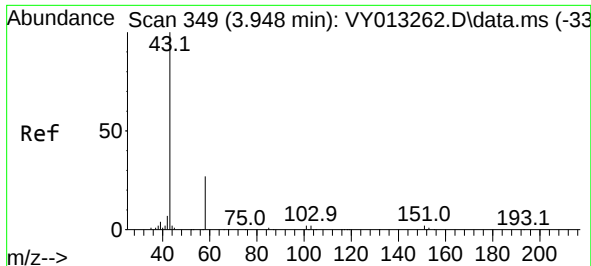
Tgt Ion:168 Resp: 214728
Ion Ratio Lower Upper
168 100
99 49.8 41.7 62.5



#13
Acrolein
Concen: 15.880 ug/l
RT: 3.722 min Scan# 312
Delta R.T. -0.006 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

Tgt Ion: 56 Resp: 5034
Ion Ratio Lower Upper
56 100
55 86.0 56.8 85.2#





#16

Acetone

Concen: 146.964 ug/l

RT: 3.948 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY013318.D

Acq: 14 Apr 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

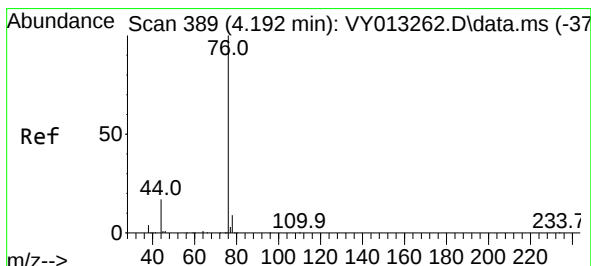
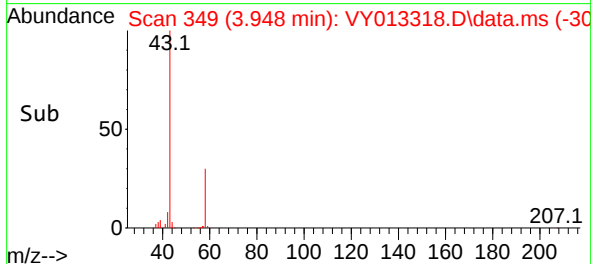
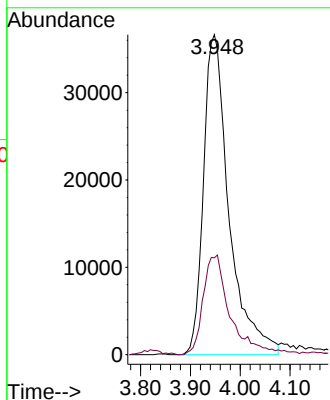
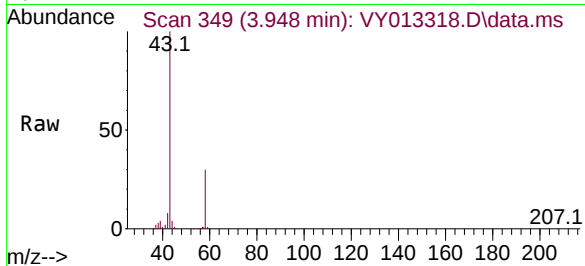
20230251-15-1

Tgt Ion: 43 Resp: 130395

Ion Ratio Lower Upper

43 100

58 30.2 24.2 36.2



#17

Carbon Disulfide

Concen: 7.525 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY013318.D

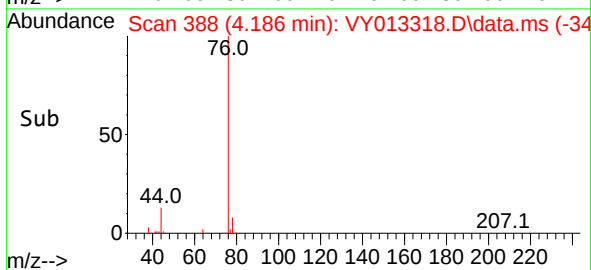
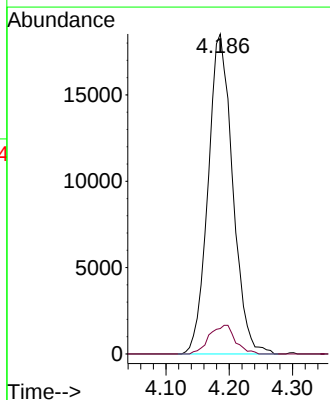
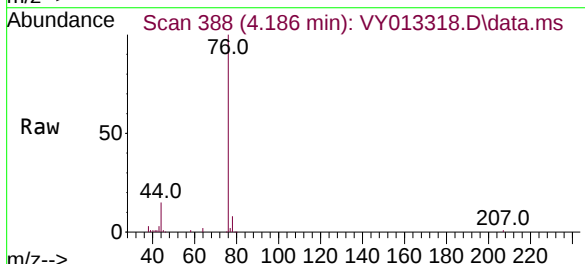
Acq: 14 Apr 2023 14:57

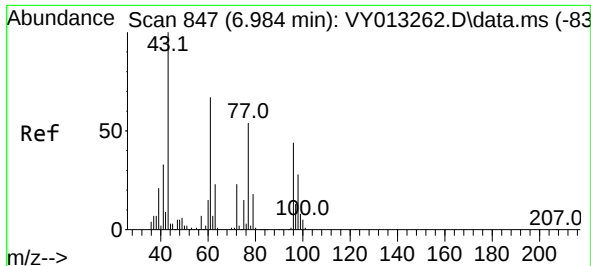
Tgt Ion: 76 Resp: 50060

Ion Ratio Lower Upper

76 100

78 7.9 7.1 10.7

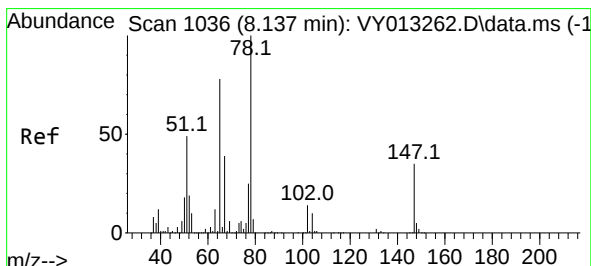
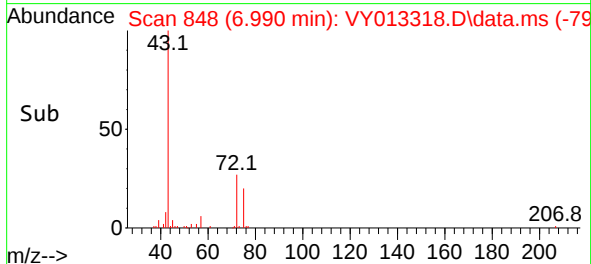
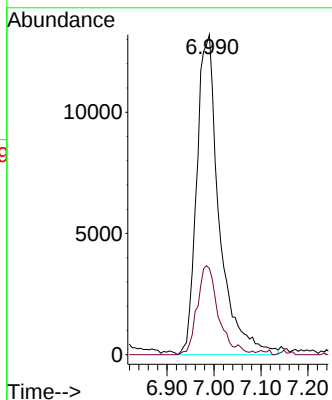
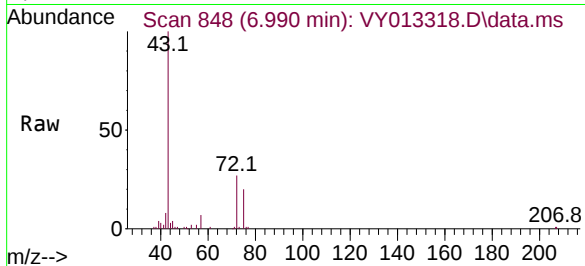




#25
2-Butanone
Concen: 38.700 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

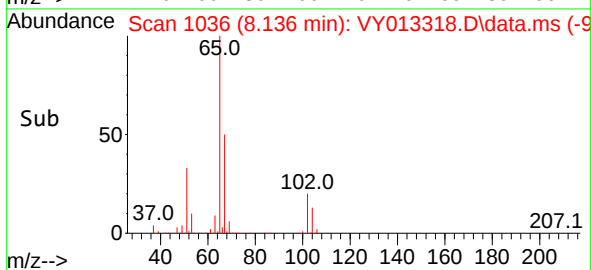
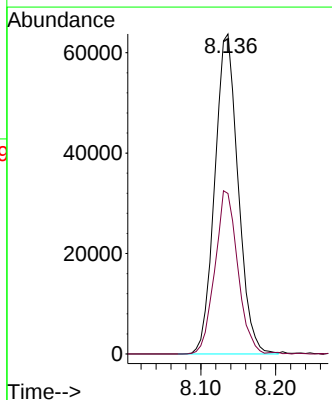
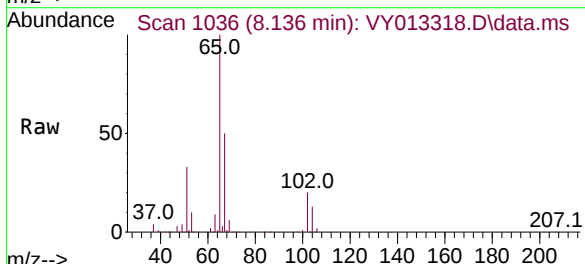
Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

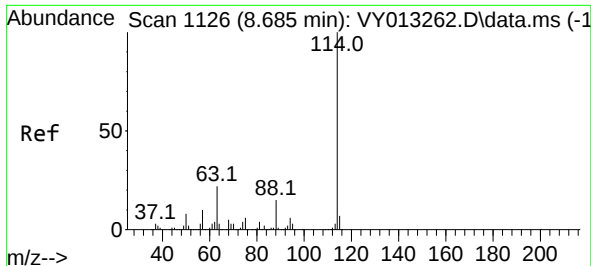
Tgt Ion: 43 Resp: 43965
Ion Ratio Lower Upper
43 100
72 27.0 21.0 31.4



#33
1,2-Dichloroethane-d4
Concen: 53.645 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

Tgt Ion: 65 Resp: 138433
Ion Ratio Lower Upper
65 100
67 50.0 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: VY013318.D

Acq: 14 Apr 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

20230251-15-1

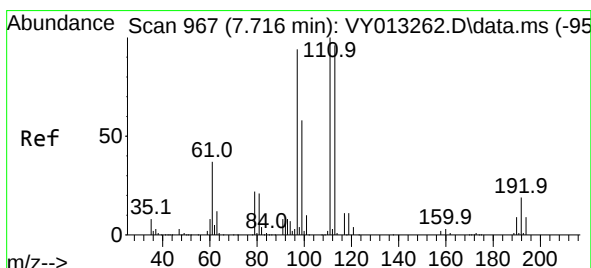
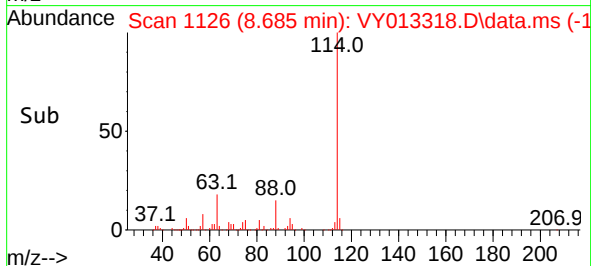
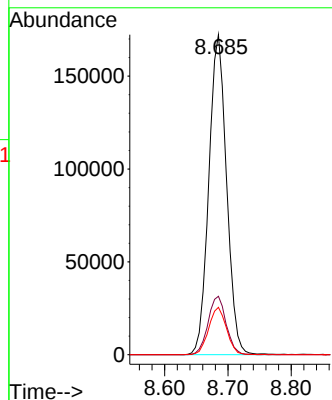
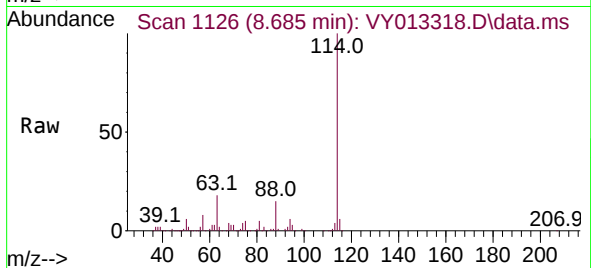
Tgt Ion:114 Resp: 335596

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

88 14.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 53.612 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013318.D

Acq: 14 Apr 2023 14:57

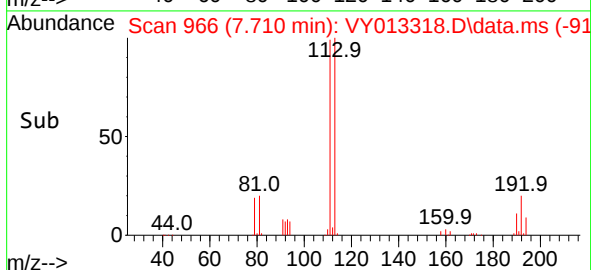
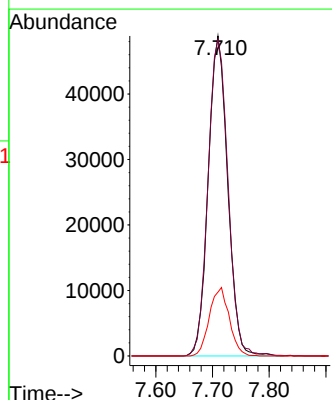
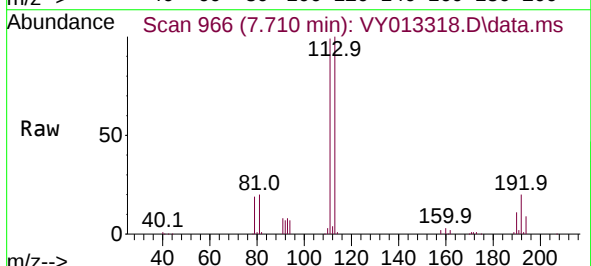
Tgt Ion:113 Resp: 116479

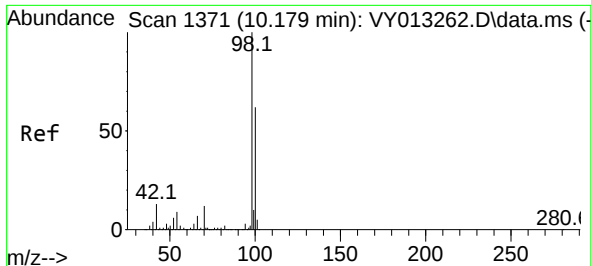
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

192 21.8 16.8 25.2

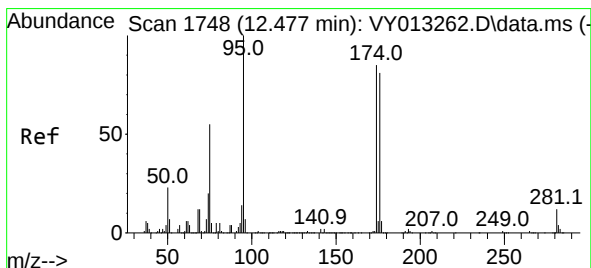
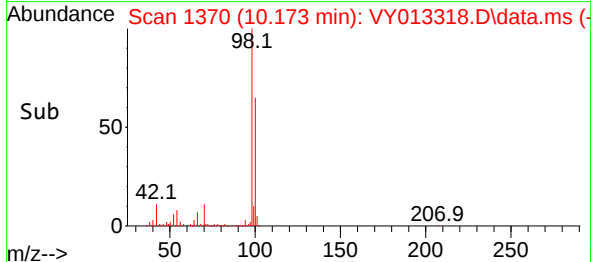
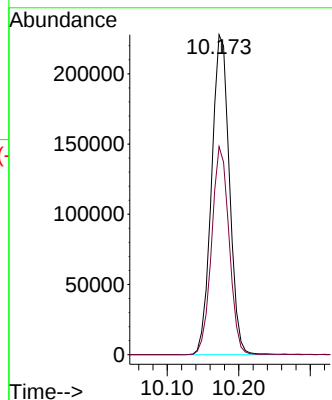
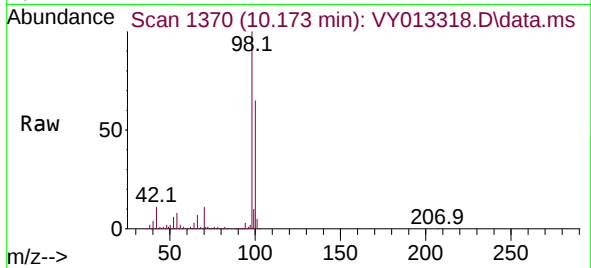




#50
Toluene-d8
Concen: 48.735 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

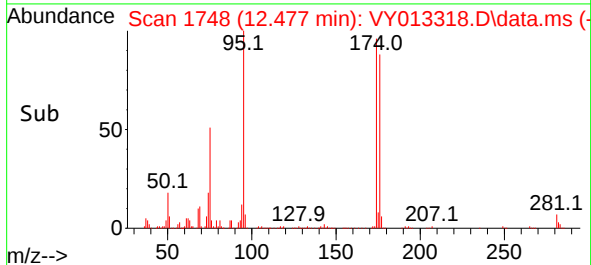
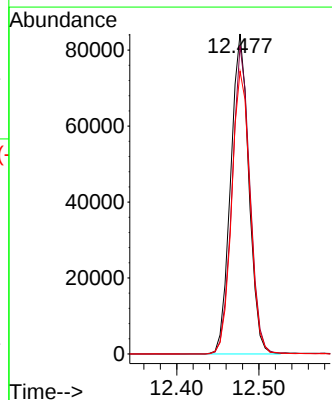
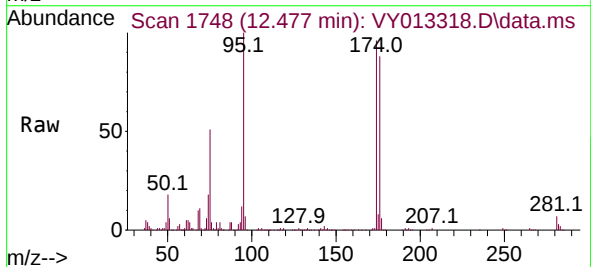
Instrument :
MSVOA_Y
ClientSampleId :
20230251-15-1

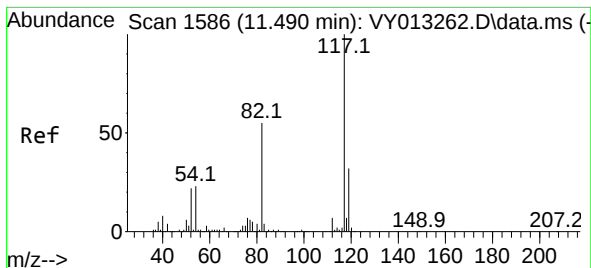
Tgt Ion: 98 Resp: 394114
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.395 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013318.D
Acq: 14 Apr 2023 14:57

Tgt Ion: 95 Resp: 129787
Ion Ratio Lower Upper
95 100
174 94.3 0.0 176.6
176 89.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013318.D

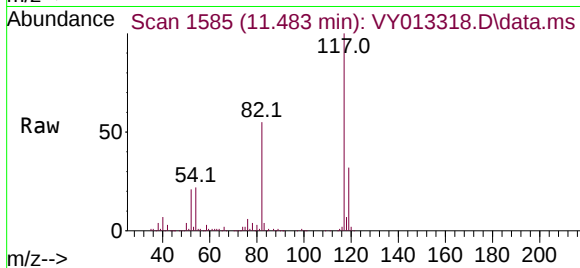
Acq: 14 Apr 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

20230251-15-1



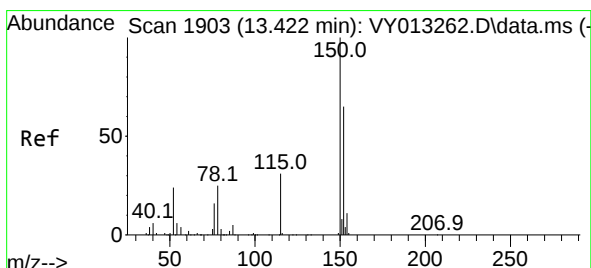
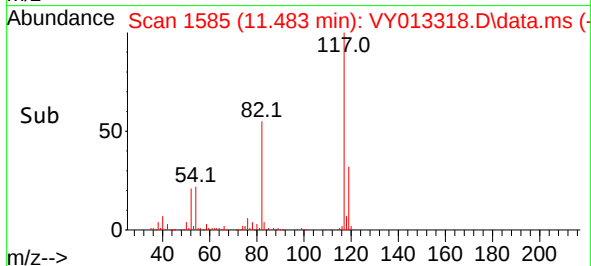
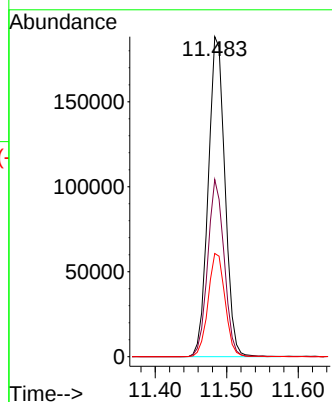
Tgt Ion:117 Resp: 305506

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.0

119 32.2 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: VY013318.D

Acq: 14 Apr 2023 14:57

Tgt Ion:152 Resp: 145070

Ion Ratio Lower Upper

152 100

115 53.8 27.1 81.3

150 155.7 0.0 347.8

