

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013320.D
 Acq On : 14 Apr 2023 15:44
 Operator : KP/MD
 Sample : 02306-04
 Misc : 6.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20230260-17-2

Quant Time: Apr 17 02:13:09 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)

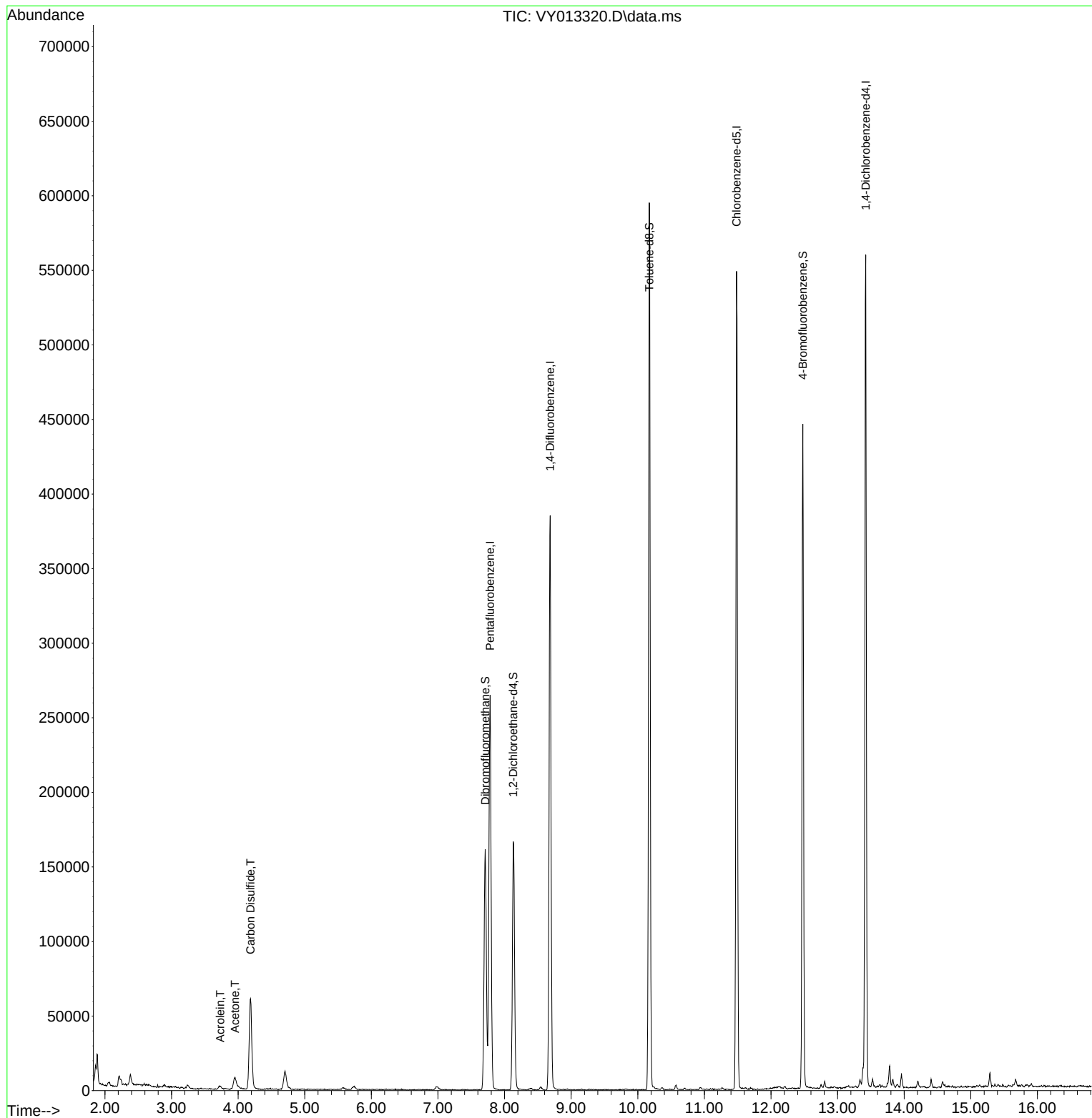
Internal Standards						
1) Pentafluorobenzene	7.783	168	211184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	310320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	137414	54.144	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.280%	
35) Dibromofluoromethane	7.710	113	114740	53.510	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.020%	
50) Toluene-d8	10.173	98	395329	49.531	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	12.477	95	130184	50.201	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
13) Acrolein	3.729	56	2751	8.824	ug/l	90
16) Acetone	3.954	43	17244	19.761	ug/l	90
17) Carbon Disulfide	4.186	76	124943	19.097	ug/l	99

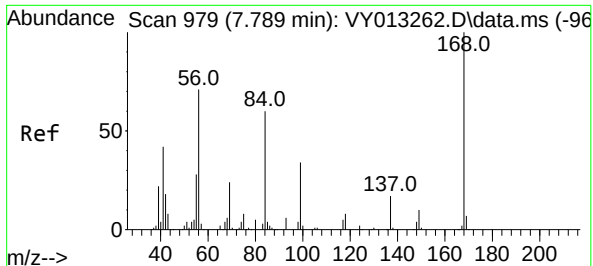
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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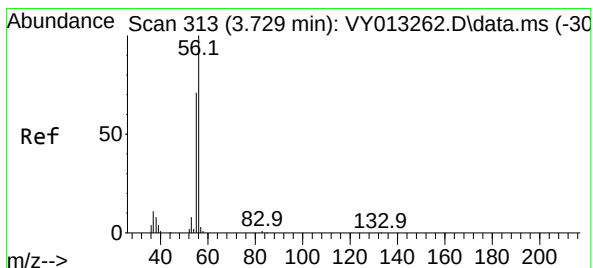
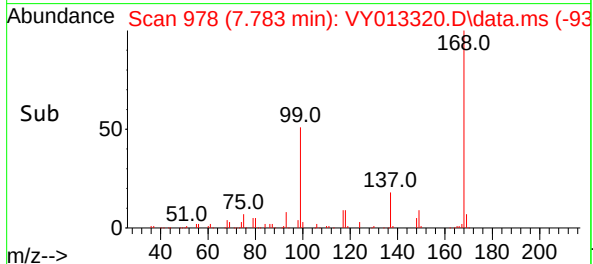
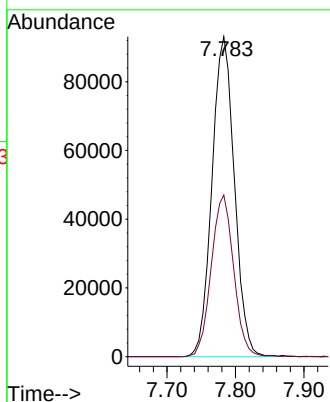
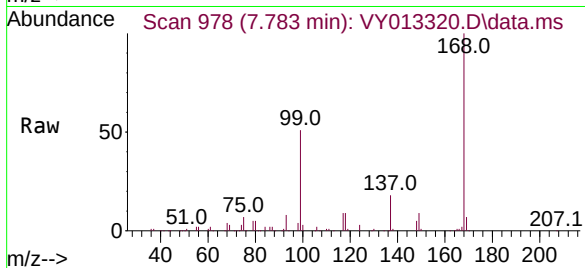




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

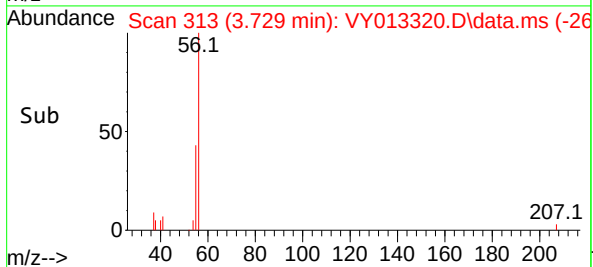
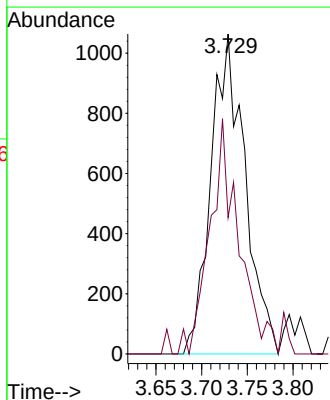
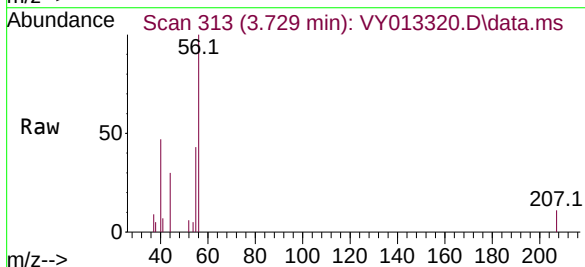
Instrument :
MSVOA_Y
ClientSampleId :
20230260-17-2

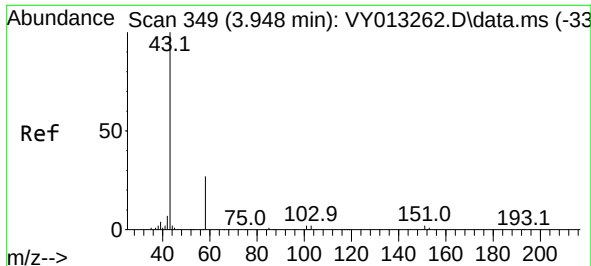
Tgt Ion:168 Resp: 211184
Ion Ratio Lower Upper
168 100
99 50.5 41.7 62.5



#13
Acrolein
Concen: 8.824 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

Tgt Ion: 56 Resp: 2751
Ion Ratio Lower Upper
56 100
55 62.7 56.8 85.2





#16

Acetone

Concen: 19.761 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY013320.D

Acq: 14 Apr 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

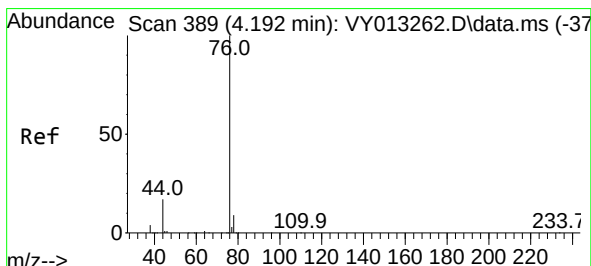
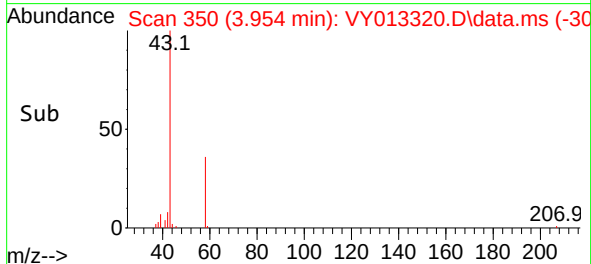
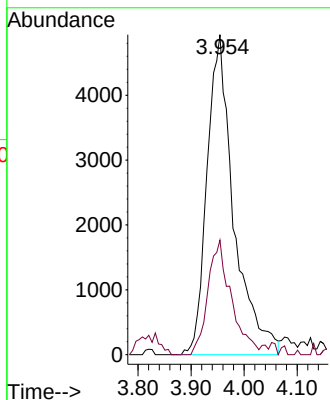
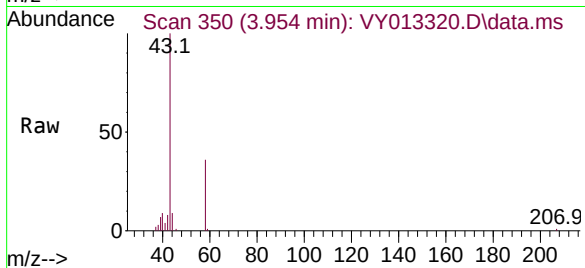
20230260-17-2

Tgt Ion: 43 Resp: 17244

Ion Ratio Lower Upper

43 100

58 35.8 24.2 36.2



#17

Carbon Disulfide

Concen: 19.097 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY013320.D

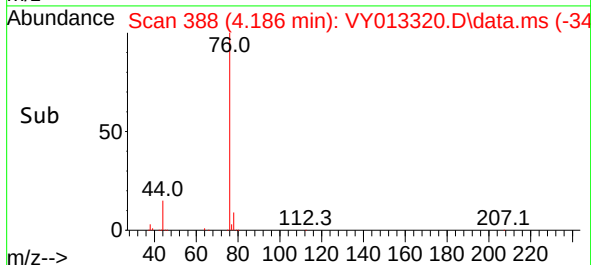
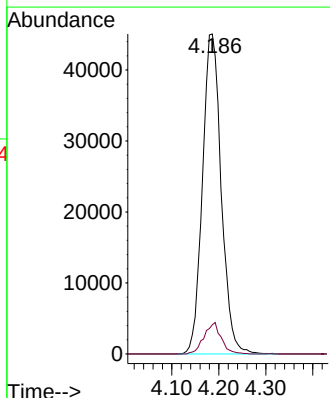
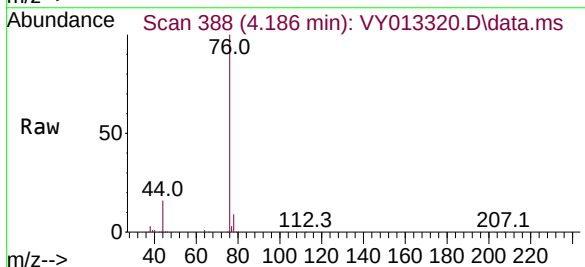
Acq: 14 Apr 2023 15:44

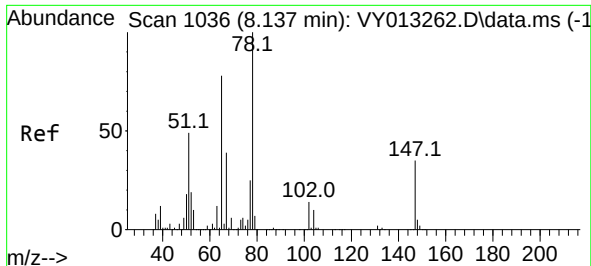
Tgt Ion: 76 Resp: 124943

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





#33

1,2-Dichloroethane-d4

Concen: 54.144 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY013320.D

Acq: 14 Apr 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

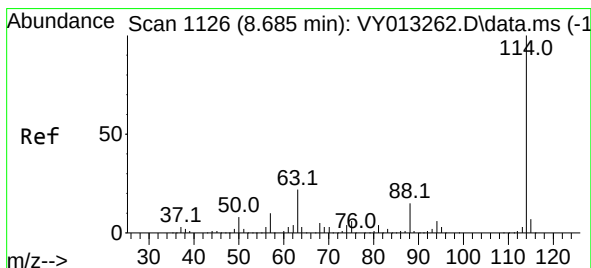
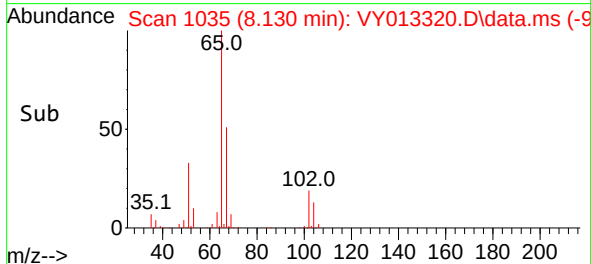
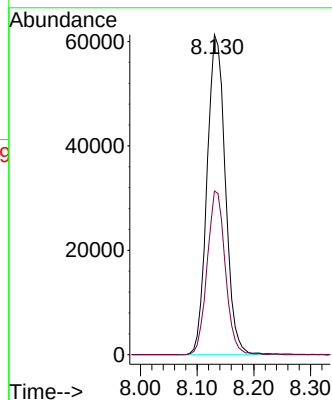
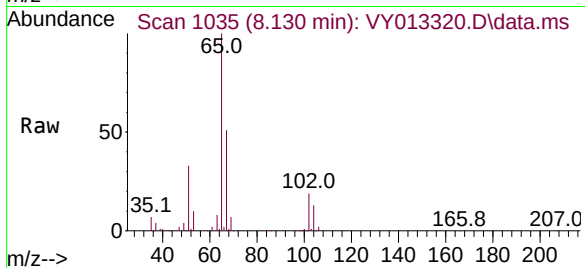
20230260-17-2

Tgt Ion: 65 Resp: 137414

Ion Ratio Lower Upper

65 100

67 50.7 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: VY013320.D

Acq: 14 Apr 2023 15:44

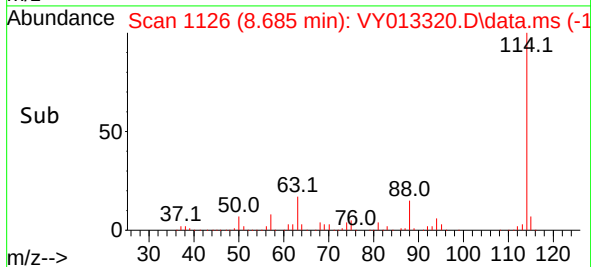
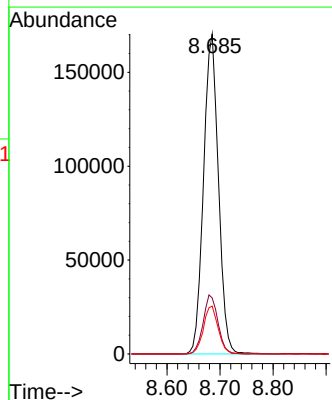
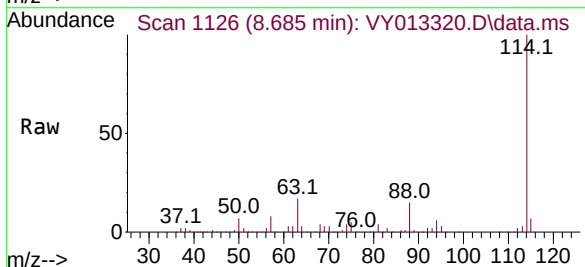
Tgt Ion: 114 Resp: 331218

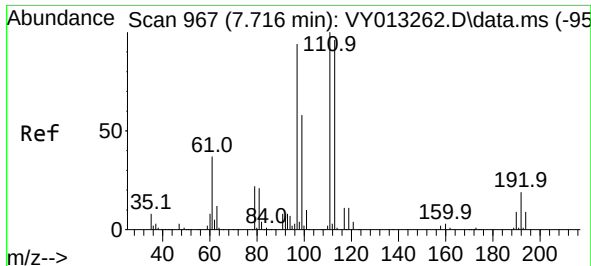
Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.4

88 14.9 0.0 28.6

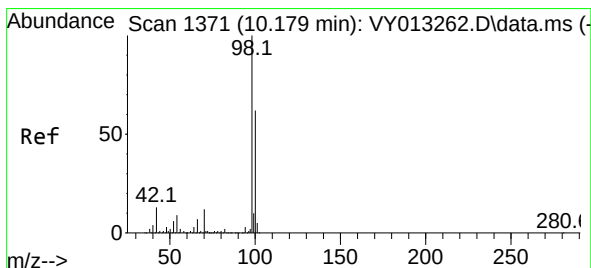
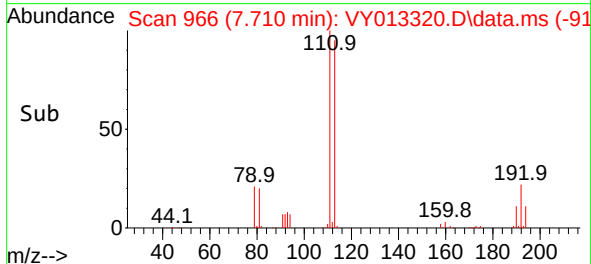
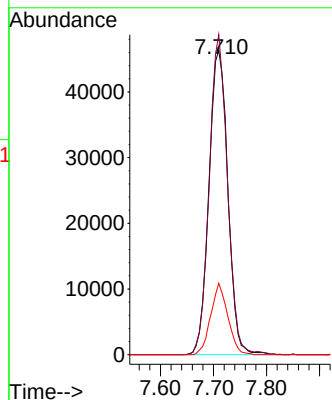
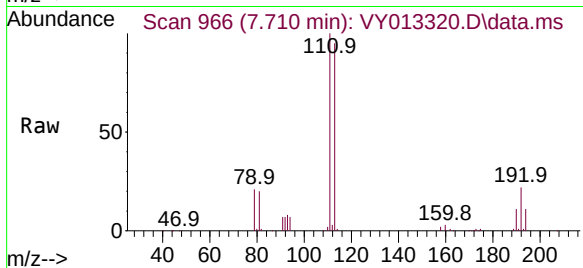




#35
Dibromofluoromethane
Concen: 53.510 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

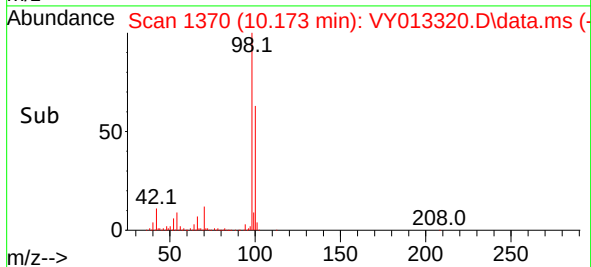
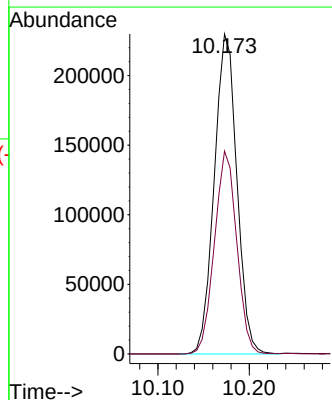
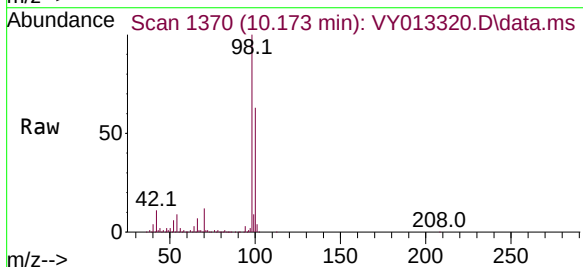
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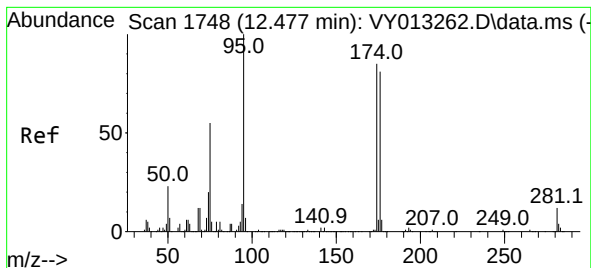
Tgt Ion:113 Resp: 114740
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 21.3 16.8 25.2



#50
Toluene-d8
Concen: 49.531 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

Tgt Ion: 98 Resp: 395329
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3

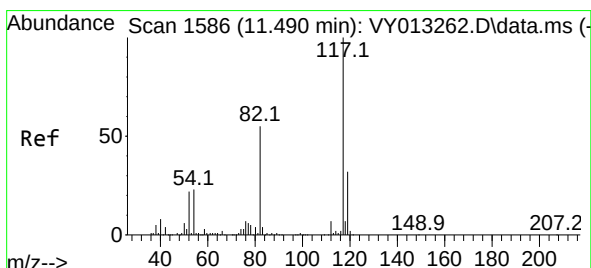
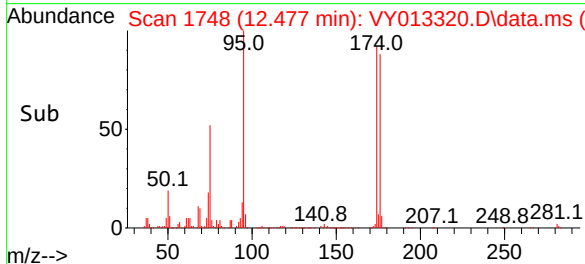
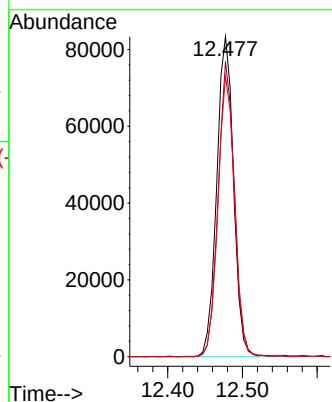
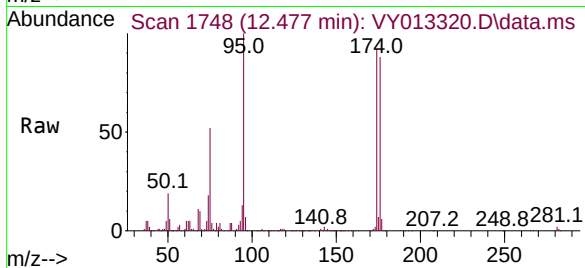




#62
4-Bromofluorobenzene
Concen: 50.201 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

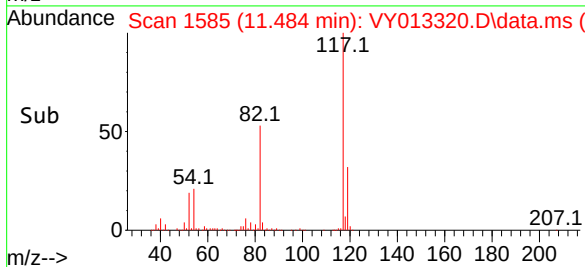
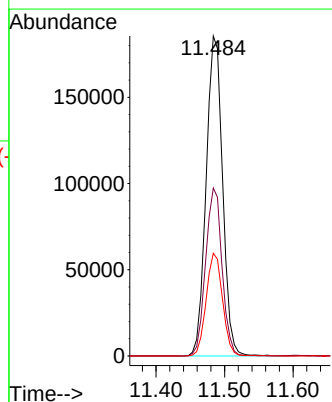
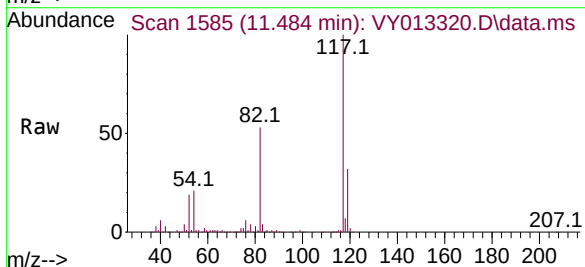
Instrument :
MSVOA_Y
ClientSampleId :
20230260-17-2

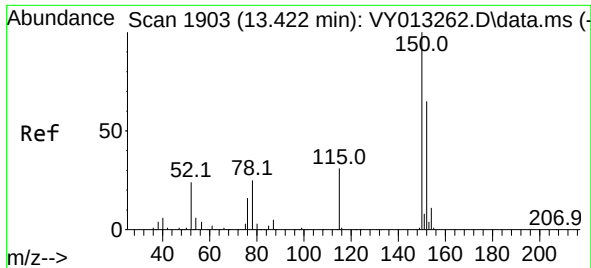
Tgt Ion: 95 Resp: 130184
Ion Ratio Lower Upper
95 100
174 89.7 0.0 176.6
176 87.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY013320.D
Acq: 14 Apr 2023 15:44

Tgt Ion: 117 Resp: 310320
Ion Ratio Lower Upper
117 100
82 52.5 45.4 68.0
119 32.1 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: VY013320.D

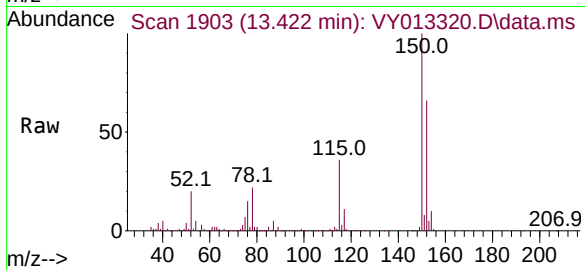
Acq: 14 Apr 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

20230260-17-2



Tgt Ion:152 Resp: 147554

Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.3

150 152.5 0.0 347.8

