

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014548.D
 Acq On : 03 Jul 2023 20:18
 Operator : KP/MD
 Sample : 03507-04
 Misc : 5.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CP-2

Quant Time: Jul 04 03:06:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

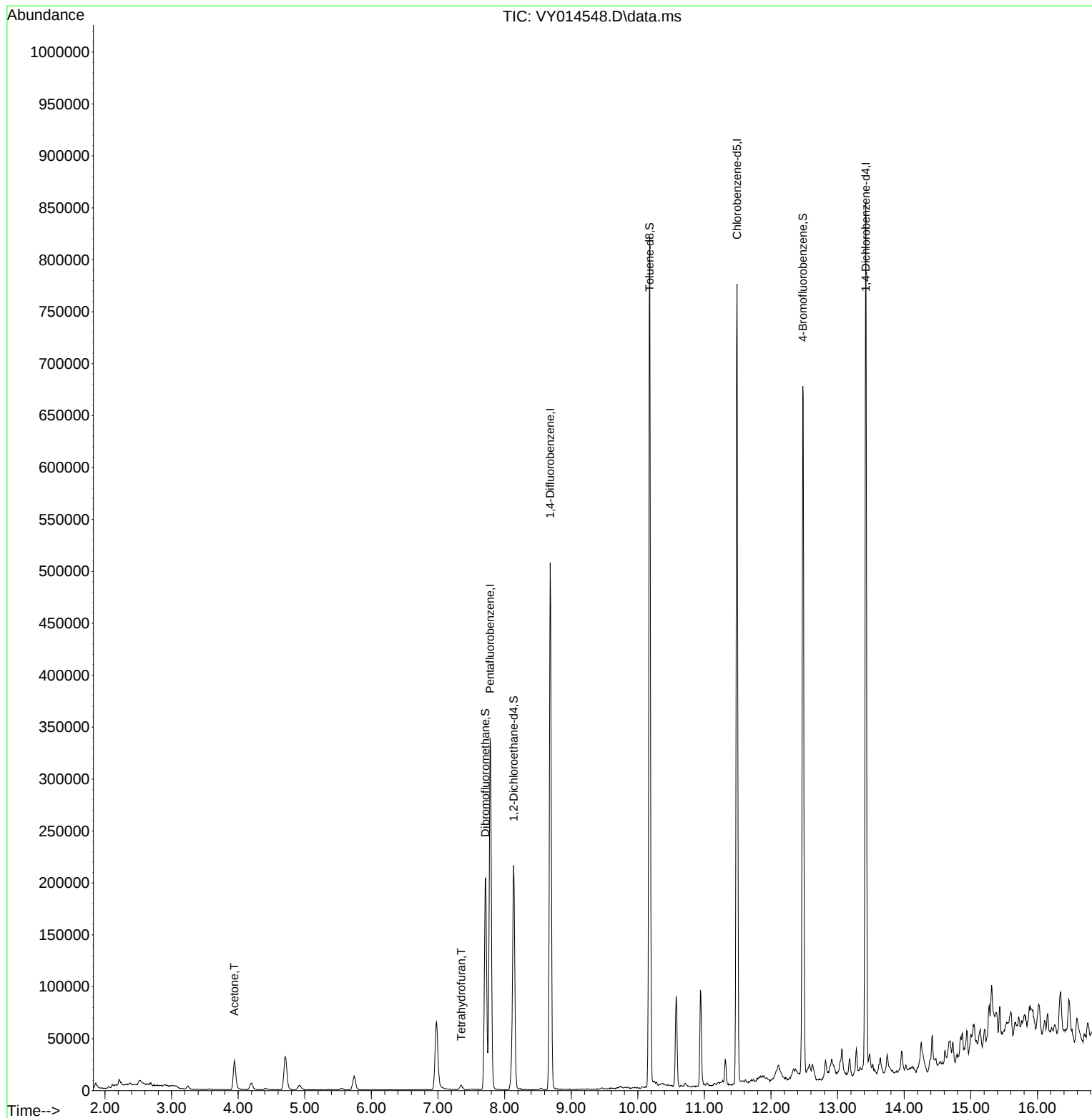
Internal Standards						
1) Pentafluorobenzene	7.782	168	294226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	461584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	461099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	230971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	161292	55.106	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	110.220%	
35) Dibromofluoromethane	7.709	113	148535	52.256	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	104.520%	
50) Toluene-d8	10.178	98	553834	49.288	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	98.580%	
62) 4-Bromofluorobenzene	12.477	95	200628	51.419	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	102.840%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	47583	52.057	ug/l #	83
29) Tetrahydrofuran	7.350	42	3215	3.683	ug/l #	78

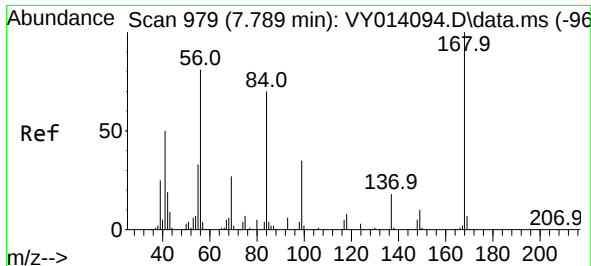
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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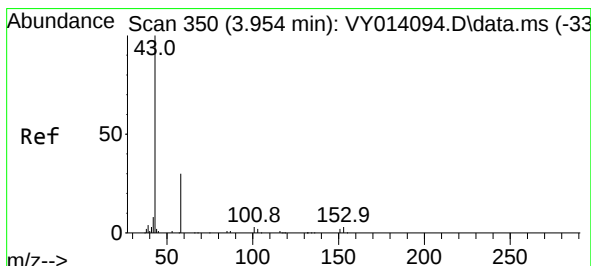
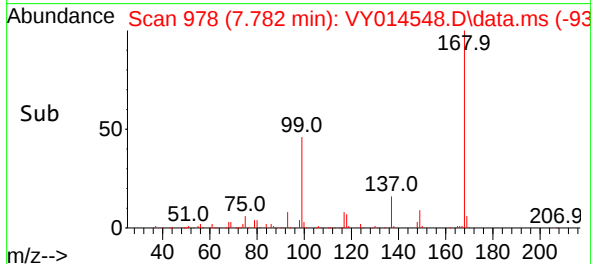
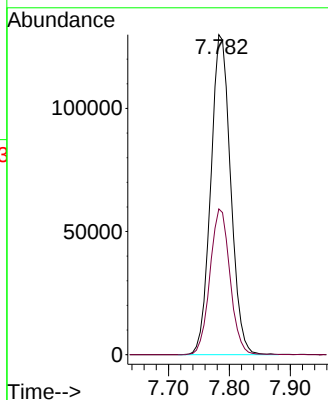
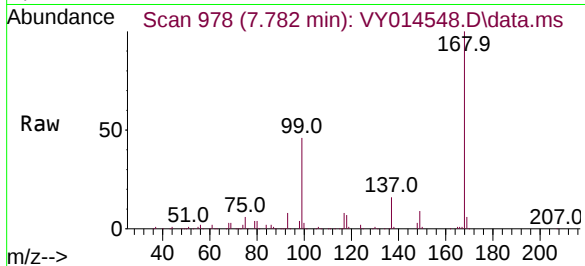




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY014548.D
Acq: 03 Jul 2023 20:18

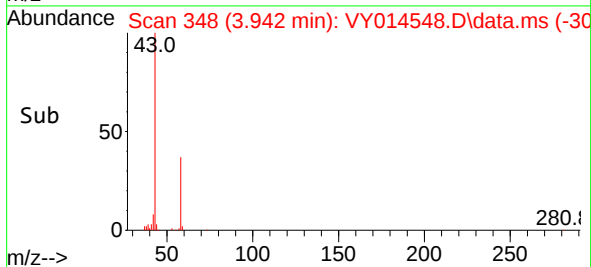
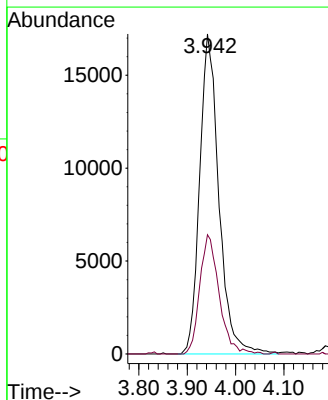
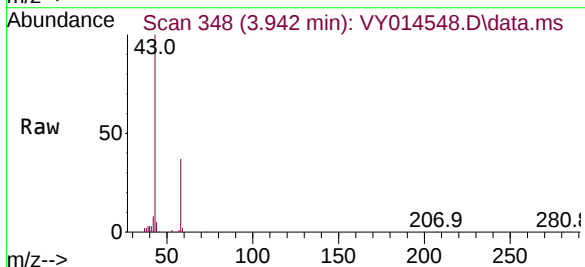
Instrument :
MSVOA_Y
ClientSampleId :
CP-2

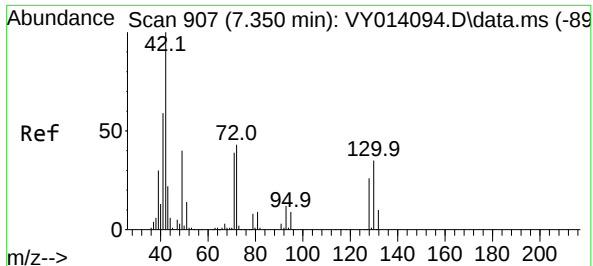
Tgt Ion:168 Resp: 294226
Ion Ratio Lower Upper
168 100
99 45.5 43.4 65.0



#16
Acetone
Concen: 52.057 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014548.D
Acq: 03 Jul 2023 20:18

Tgt Ion: 43 Resp: 47583
Ion Ratio Lower Upper
43 100
58 37.3 22.7 34.1#





#29

Tetrahydrofuran

Concen: 3.683 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY014548.D

Acq: 03 Jul 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

CP-2

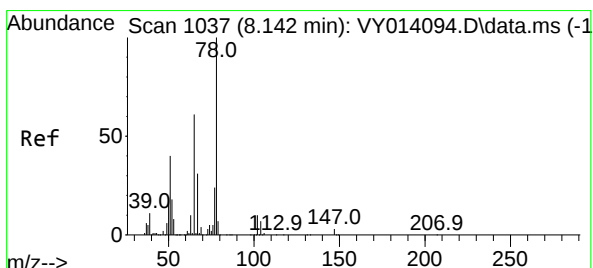
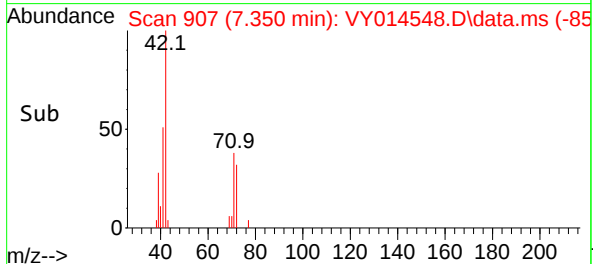
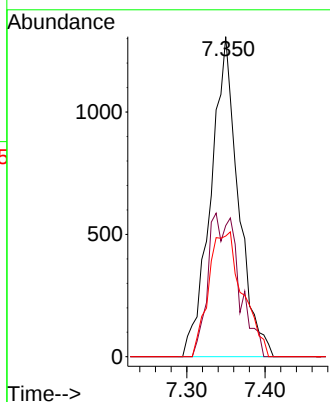
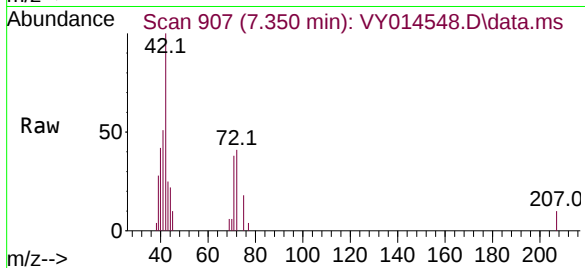
Tgt Ion: 42 Resp: 3215

Ion Ratio Lower Upper

42 100

72 23.2 32.8 49.2#

71 47.7 31.0 46.4#



#33

1,2-Dichloroethane-d4

Concen: 55.106 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014548.D

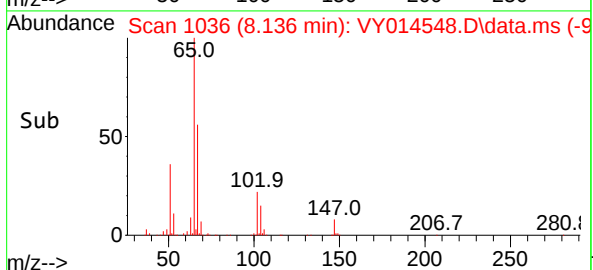
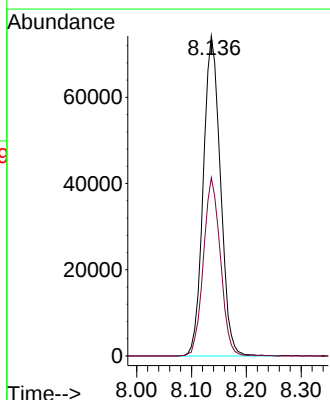
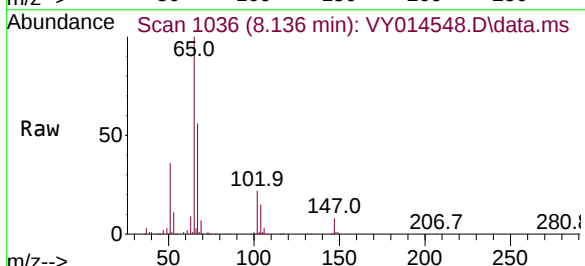
Acq: 03 Jul 2023 20:18

Tgt Ion: 65 Resp: 161292

Ion Ratio Lower Upper

65 100

67 55.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014548.D

Acq: 03 Jul 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

CP-2

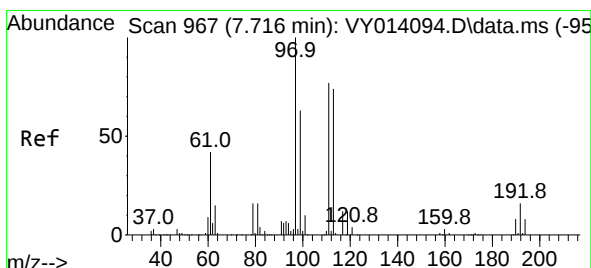
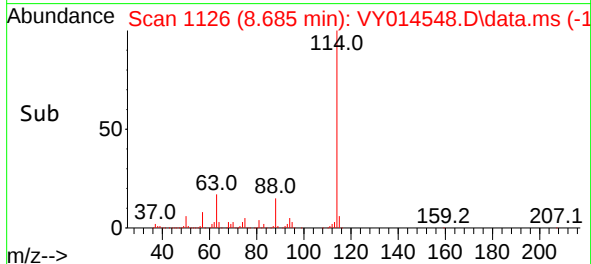
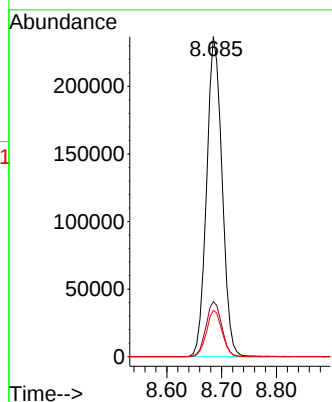
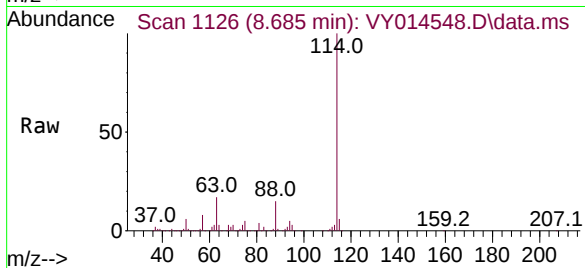
Tgt Ion:114 Resp: 461584

Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.256 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.007 min

Lab File: VY014548.D

Acq: 03 Jul 2023 20:18

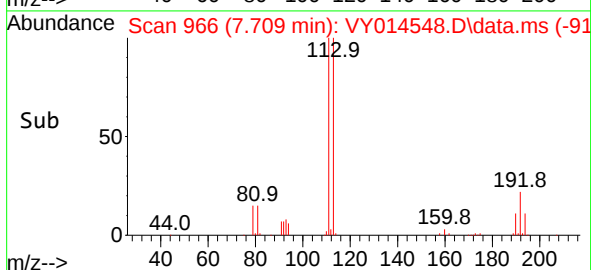
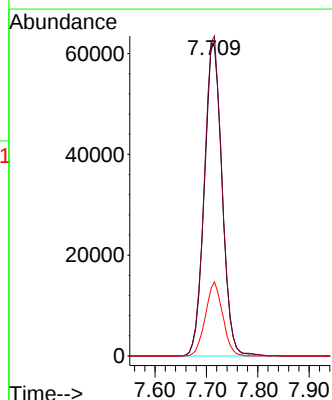
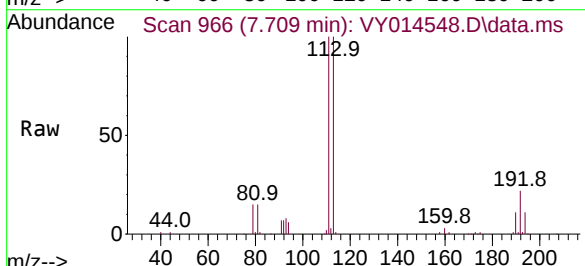
Tgt Ion:113 Resp: 148535

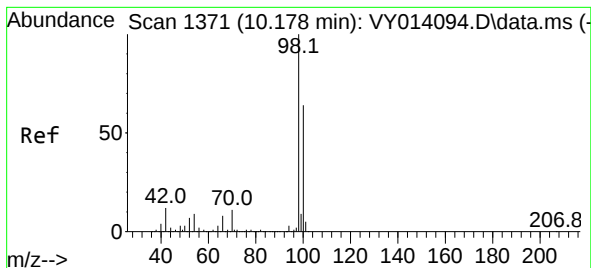
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 23.1 16.9 25.3





#50

Toluene-d8

Concen: 49.288 ug/l

RT: 10.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014548.D

Acq: 03 Jul 2023 20:18

Instrument :

MSVOA_Y

ClientSampleId :

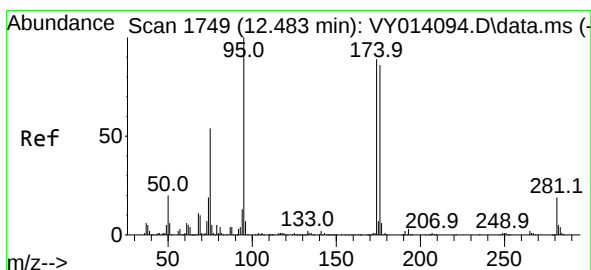
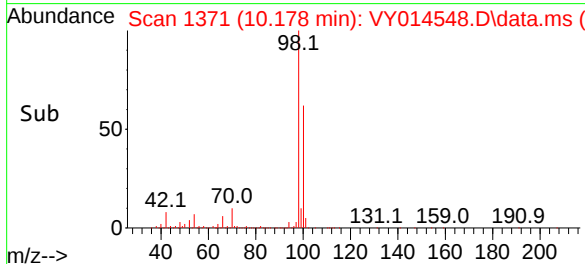
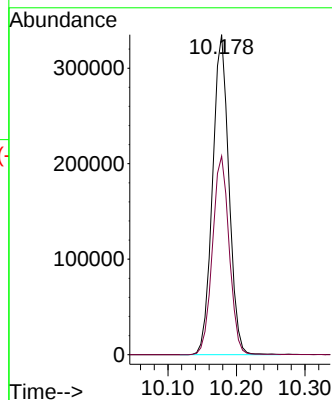
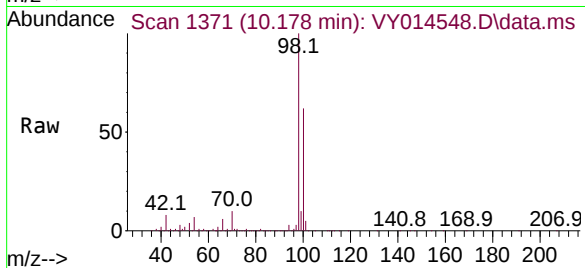
CP-2

Tgt Ion: 98 Resp: 553834

Ion Ratio Lower Upper

98 100

100 63.4 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.419 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY014548.D

Acq: 03 Jul 2023 20:18

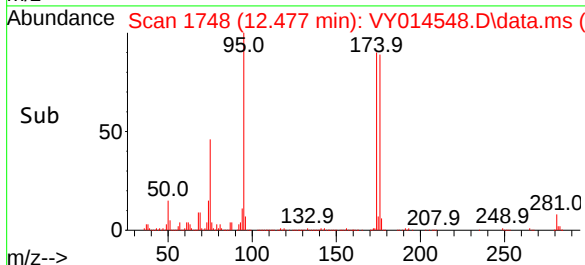
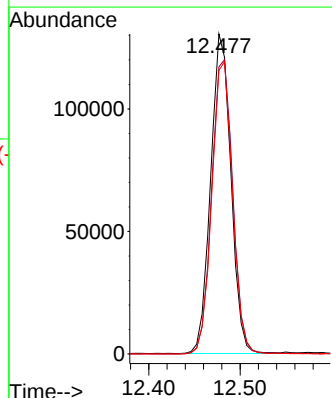
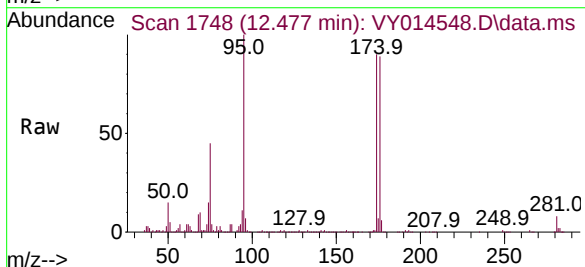
Tgt Ion: 95 Resp: 200628

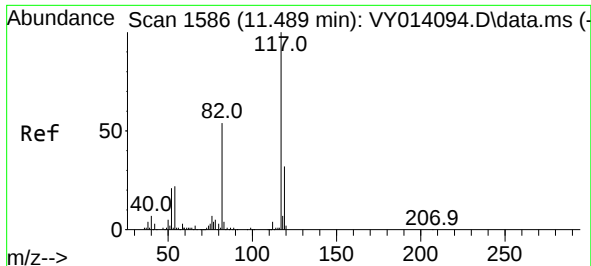
Ion Ratio Lower Upper

95 100

174 96.0 0.0 178.2

176 93.2 0.0 173.8

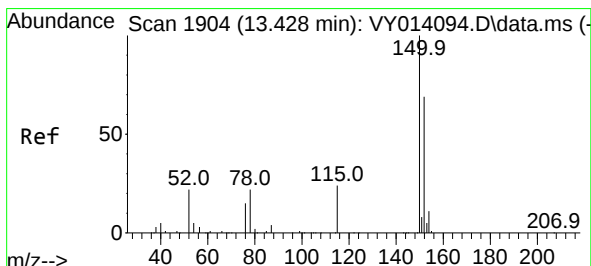
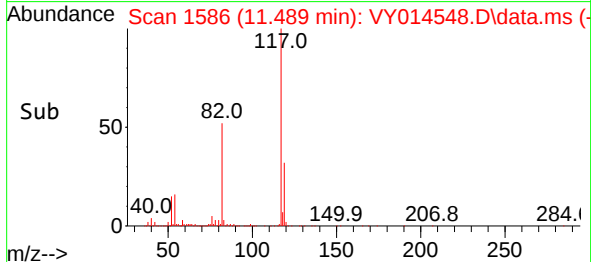
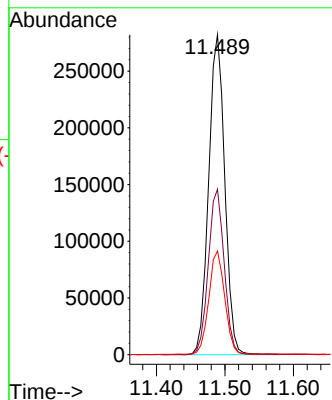
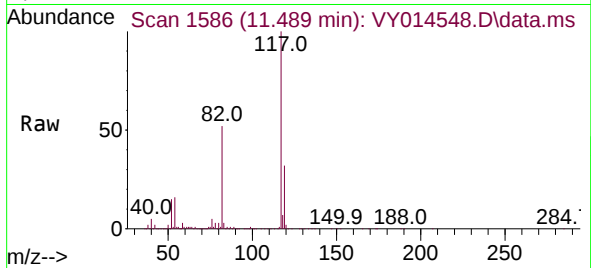




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014548.D
Acq: 03 Jul 2023 20:18

Instrument :
MSVOA_Y
ClientSampleId :
CP-2

Tgt Ion:117 Resp: 461099
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014548.D
Acq: 03 Jul 2023 20:18

Tgt Ion:152 Resp: 230971
Ion Ratio Lower Upper
152 100
115 55.2 28.8 86.5
150 155.0 0.0 348.8

