

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014345.D
 Acq On : 21 Jun 2023 18:52
 Operator : KP/MD
 Sample : 03358-02
 Misc : 5.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-1-(8-10)

Quant Time: Jun 22 01:58:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

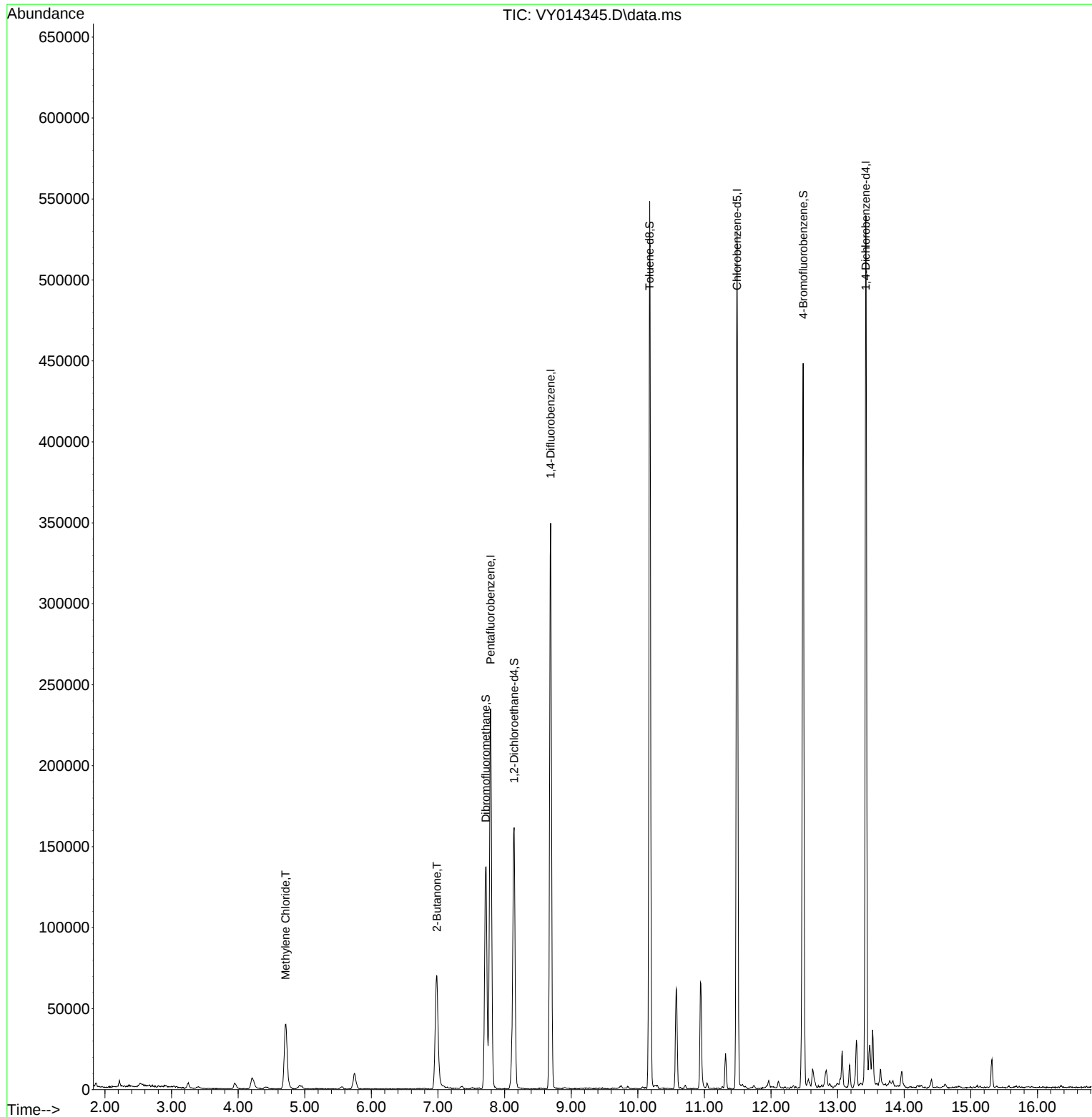
Internal Standards						
1) Pentafluorobenzene	7.789	168	183052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137693	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	130453	51.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.360%	
35) Dibromofluoromethane	7.716	113	95544	46.412	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.820%	
50) Toluene-d8	10.179	98	350453	45.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.080%	
62) 4-Bromofluorobenzene	12.483	95	117394	42.940	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.880%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	30002	9.313	ug/l	93
25) 2-Butanone	6.984	43	16022	16.940	ug/l	95

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

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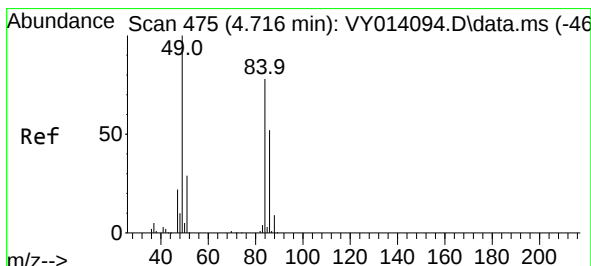
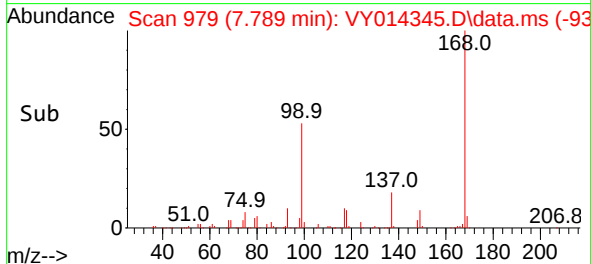
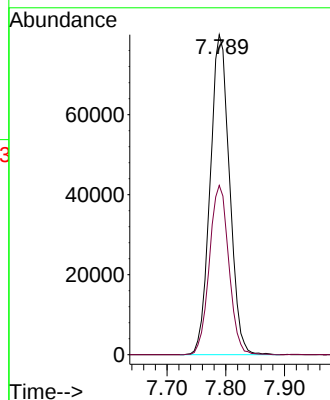
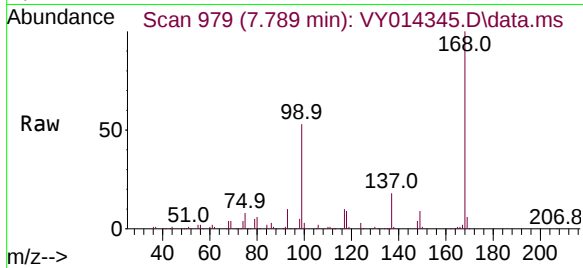




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014345.D
Acq: 21 Jun 2023 18:52

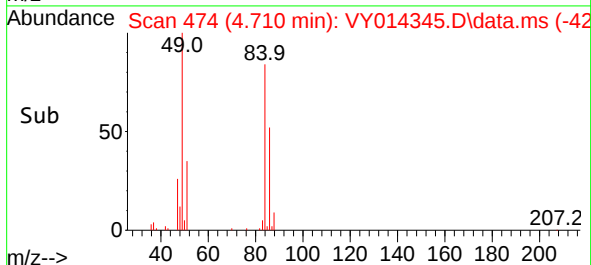
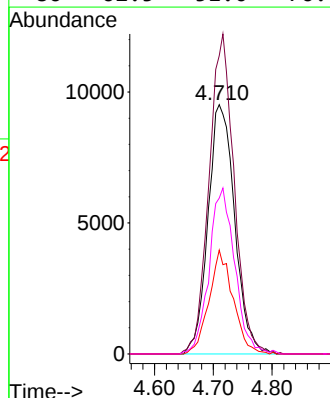
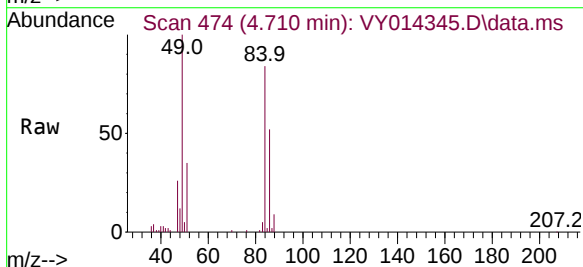
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(8-10)

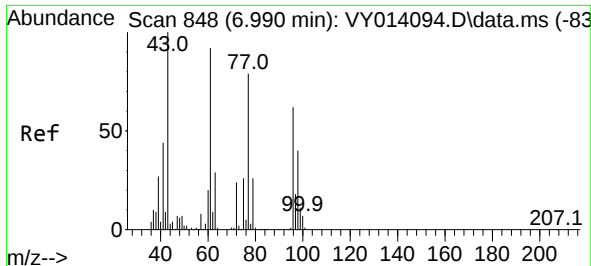
Tgt Ion:168 Resp: 183052
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#20
Methylene Chloride
Concen: 9.313 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014345.D
Acq: 21 Jun 2023 18:52

Tgt Ion: 84 Resp: 30002
Ion Ratio Lower Upper
84 100
49 119.6 106.9 160.3
51 41.6 33.2 49.8
86 62.5 51.0 76.6

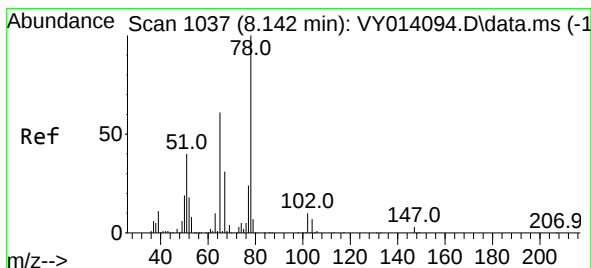
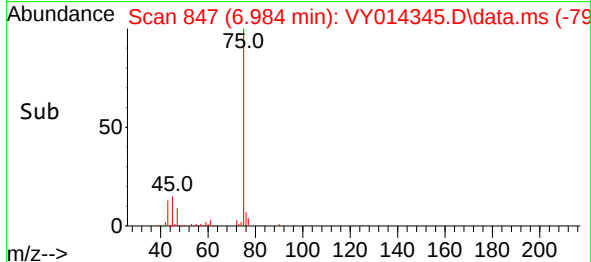
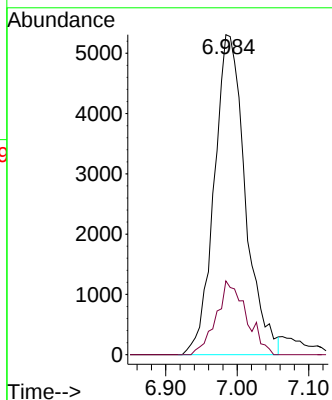
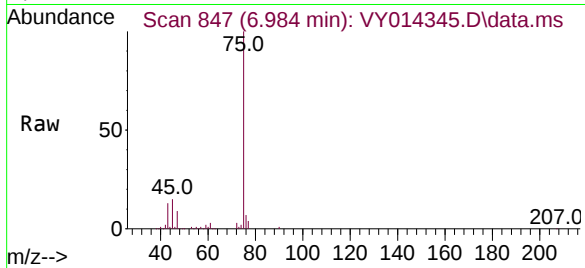




#25
2-Butanone
Concen: 16.940 ug/l
RT: 6.984 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY014345.D
Acq: 21 Jun 2023 18:52

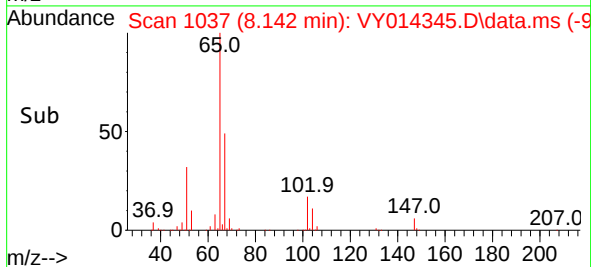
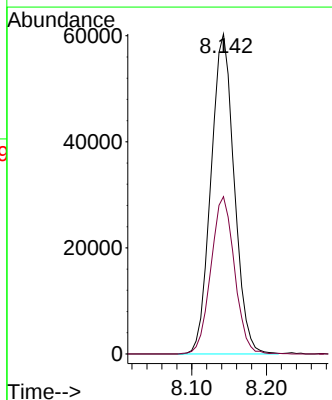
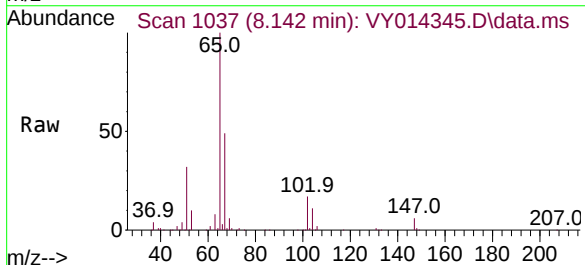
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(8-10)

Tgt Ion: 43 Resp: 16022
Ion Ratio Lower Upper
43 100
72 23.1 20.5 30.7



#33
1,2-Dichloroethane-d4
Concen: 51.178 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014345.D
Acq: 21 Jun 2023 18:52

Tgt Ion: 65 Resp: 130453
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8

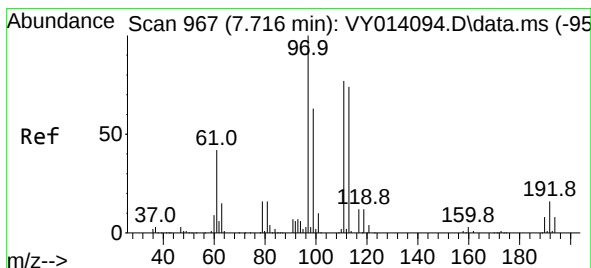
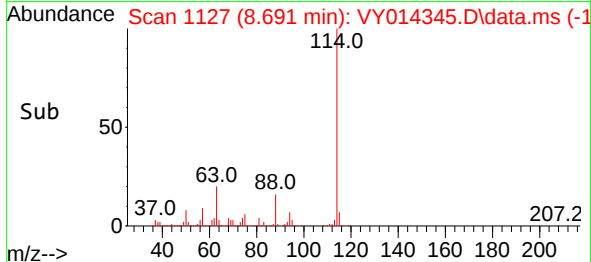
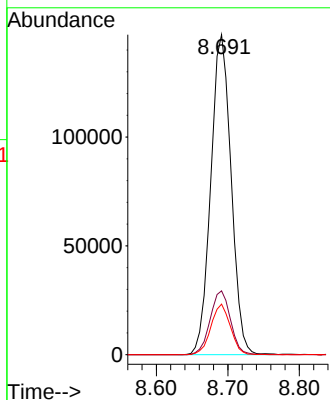
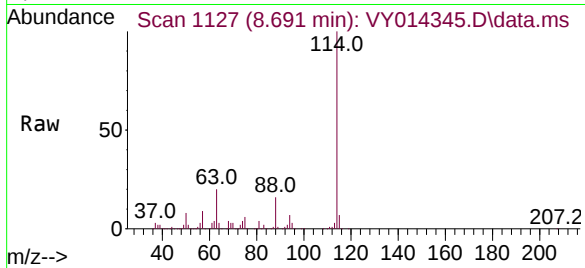




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014345.D
Acq: 21 Jun 2023 18:52

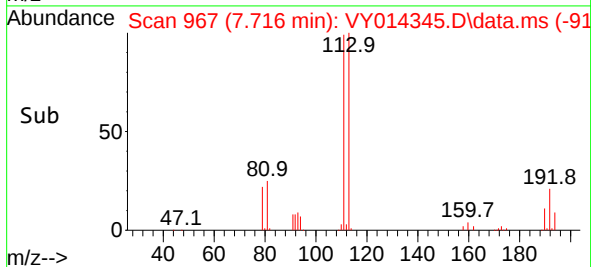
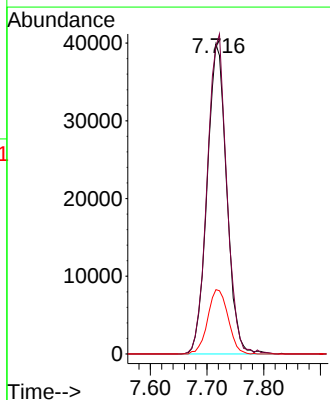
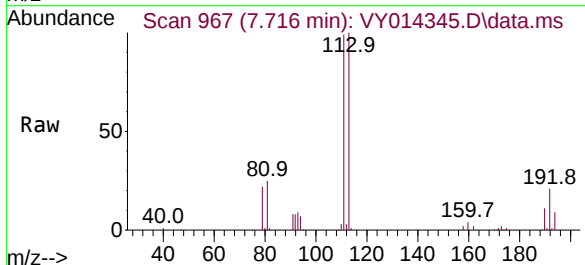
Instrument :
MSVOA_Y
ClientSampleId :
SB-1-(8-10)

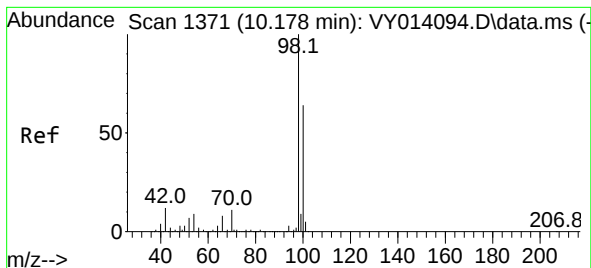
Tgt Ion:	114	Resp:	290279
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.4
88	15.8	0.0	30.6



#35
Dibromofluoromethane
Concen: 46.412 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014345.D
Acq: 21 Jun 2023 18:52

Tgt Ion:	113	Resp:	95544
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.3	121.9
192	21.6	16.9	25.3





#50

Toluene-d8

Concen: 45.536 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014345.D

Acq: 21 Jun 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

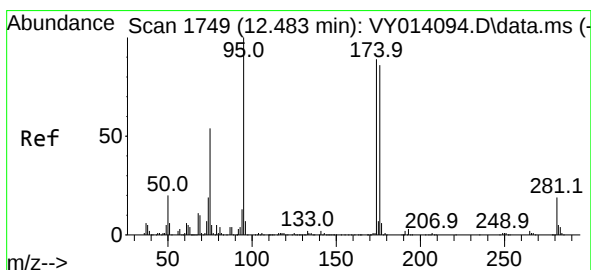
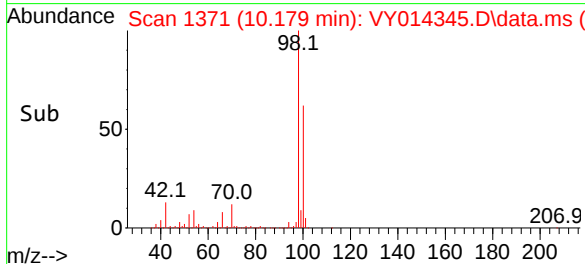
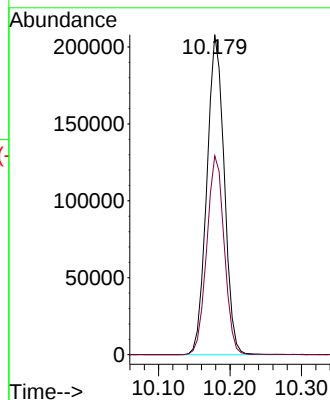
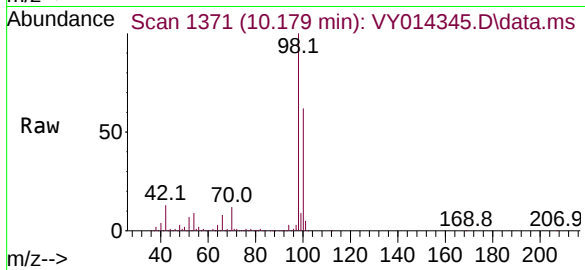
SB-1-(8-10)

Tgt Ion: 98 Resp: 350453

Ion Ratio Lower Upper

98 100

100 62.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 42.940 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY014345.D

Acq: 21 Jun 2023 18:52

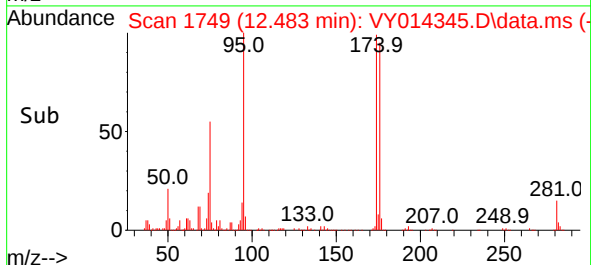
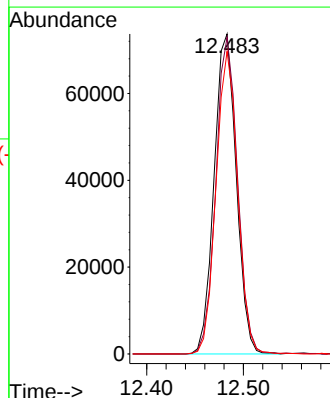
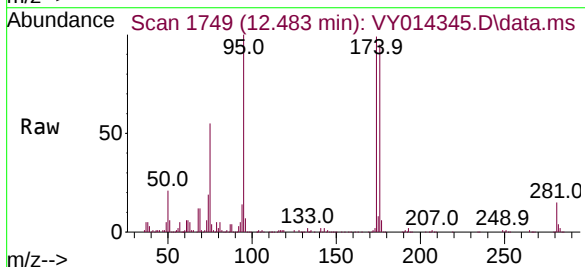
Tgt Ion: 95 Resp: 117394

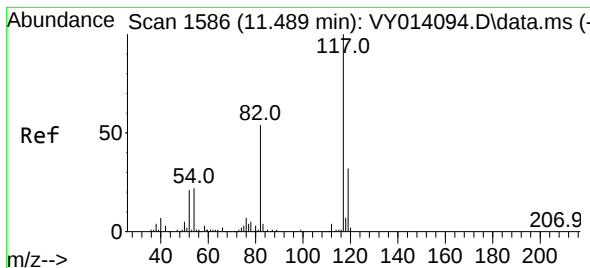
Ion Ratio Lower Upper

95 100

174 96.7 0.0 178.2

176 92.1 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: VY014345.D

Acq: 21 Jun 2023 18:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-1-(8-10)

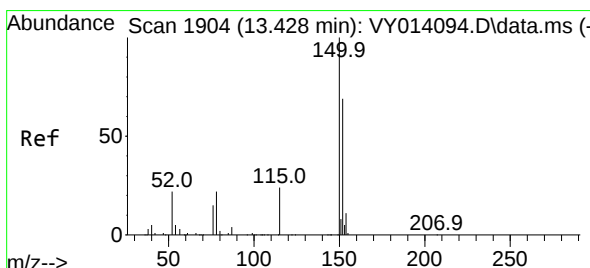
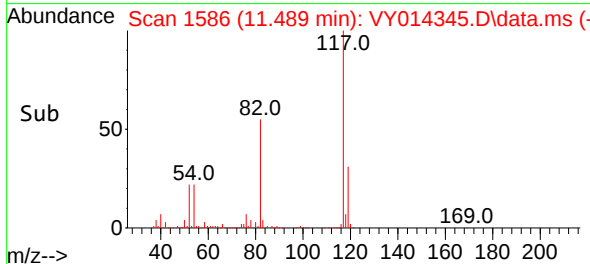
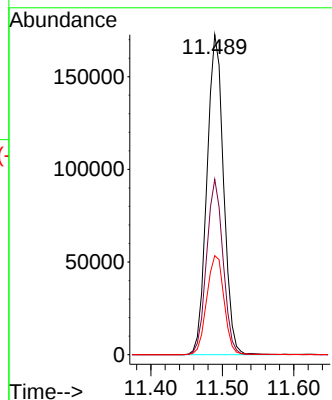
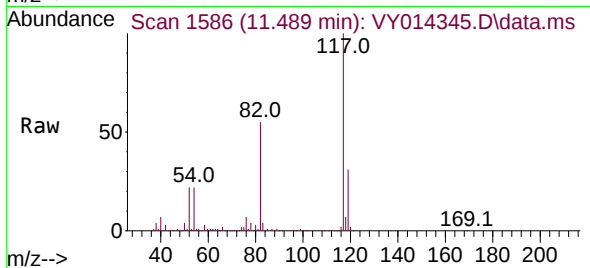
Tgt Ion:117 Resp: 279096

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 31.0 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: VY014345.D

Acq: 21 Jun 2023 18:52

Tgt Ion:152 Resp: 137693

Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 156.8 0.0 348.8

