

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072022\
 Data File : VY009614.D
 Acq On : 20 Jul 2022 15:54
 Operator : KP/MD
 Sample : N3777-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-071922

Quant Time: Jul 21 02:14:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

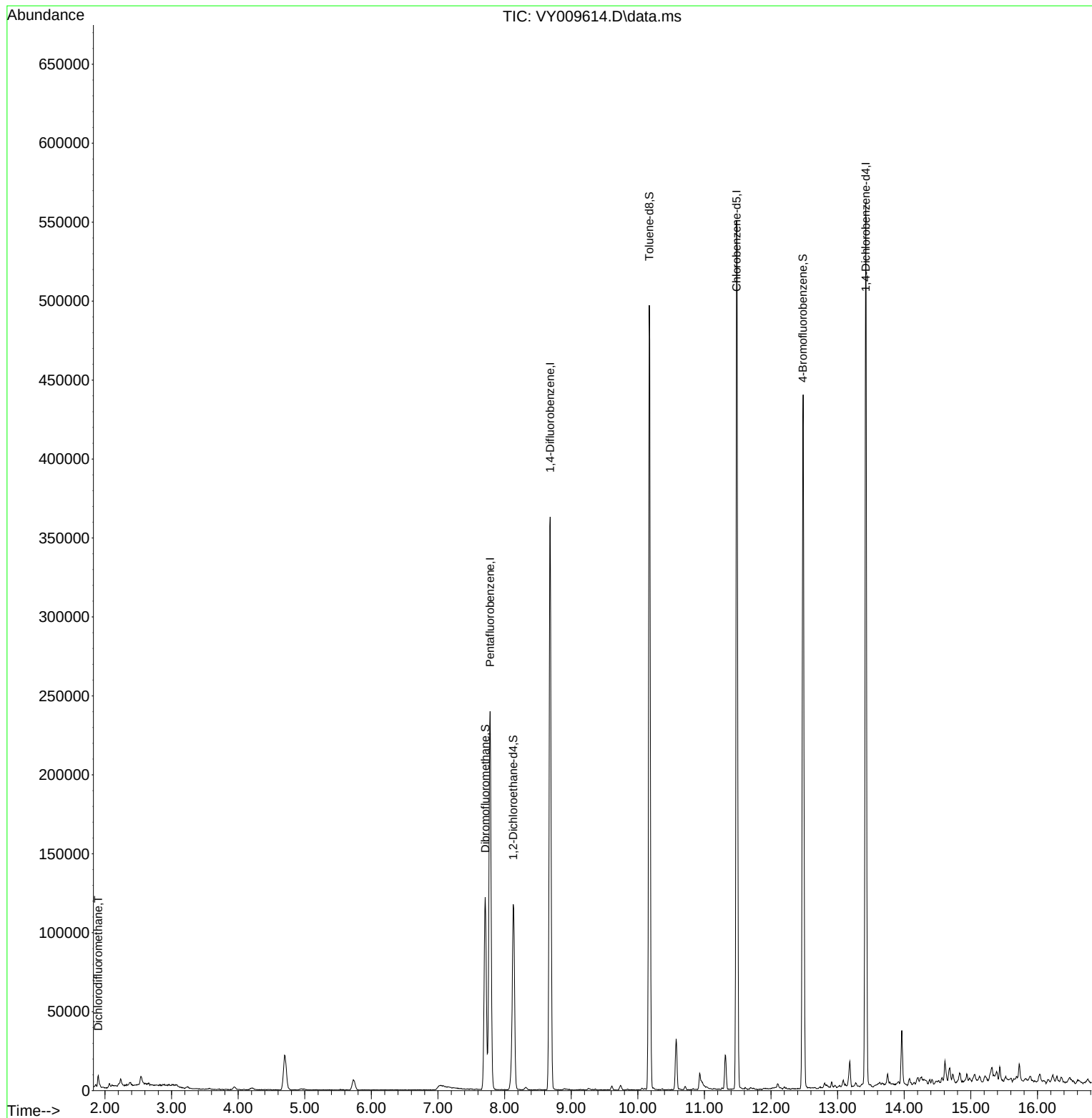
Internal Standards						
1) Pentafluorobenzene	7.783	168	198836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	325277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	317779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87857	46.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.440%
35) Dibromofluoromethane	7.710	113	85769	41.854	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.700%
50) Toluene-d8	10.173	98	332754	42.239	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	84.480%
62) 4-Bromofluorobenzene	12.477	95	109891	43.050	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	86.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	5736	3.288	ug/l	96

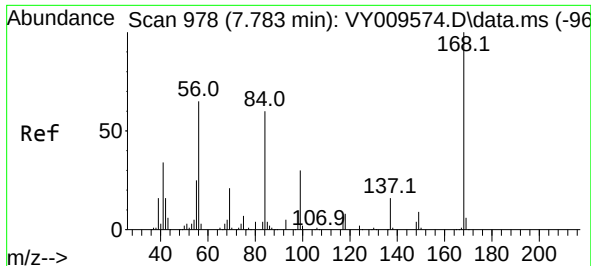
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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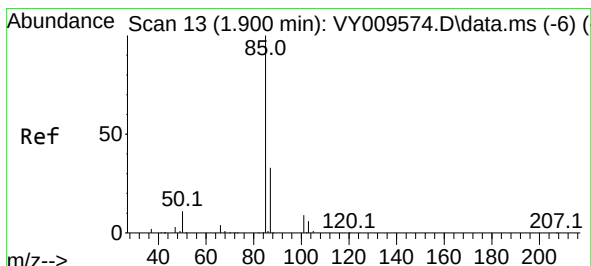
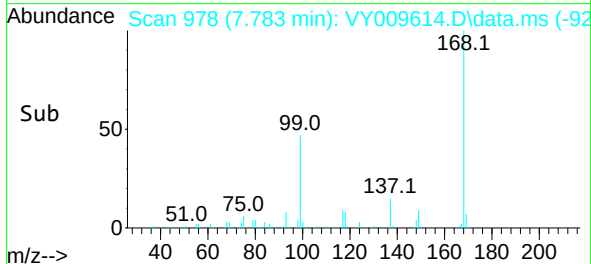
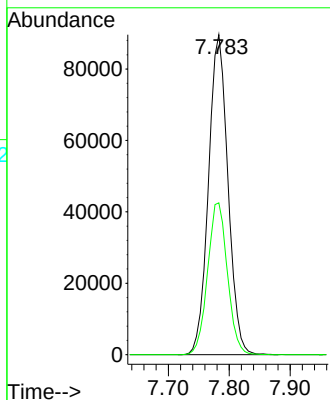
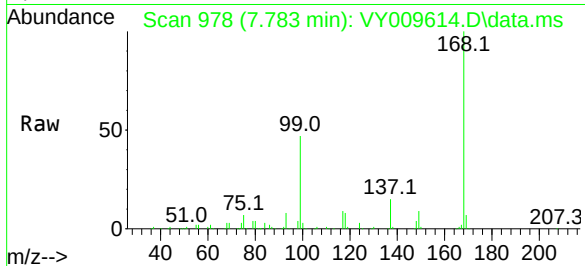




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

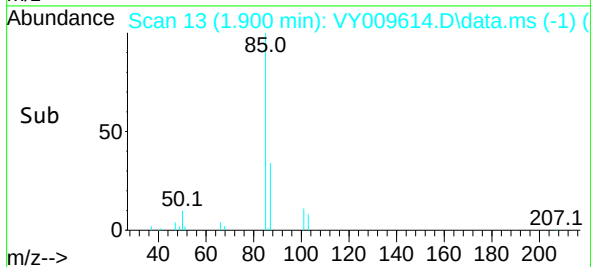
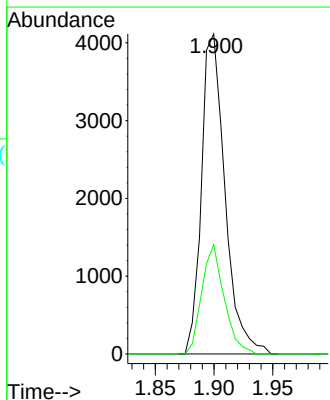
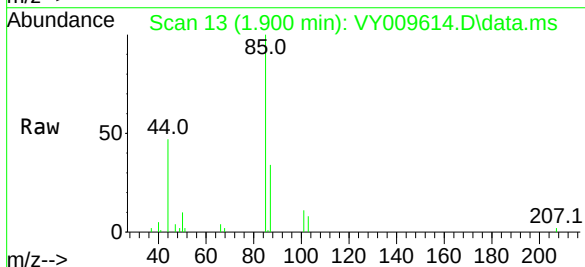
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-071922

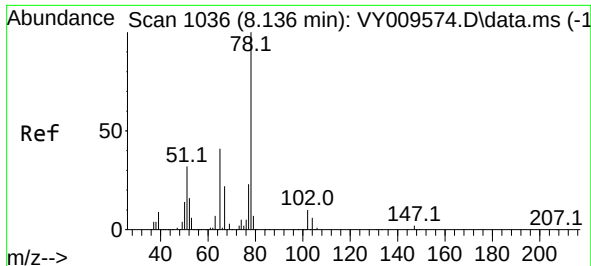
Tgt Ion:168 Resp: 198836
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 3.288 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

Tgt Ion: 85 Resp: 5736
Ion Ratio Lower Upper
85 100
87 34.2 16.1 48.2





#33

1,2-Dichloroethane-d4

Concen: 46.720 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009614.D

Acq: 20 Jul 2022 15:54

Instrument :

MSVOA_Y

ClientSampleId :

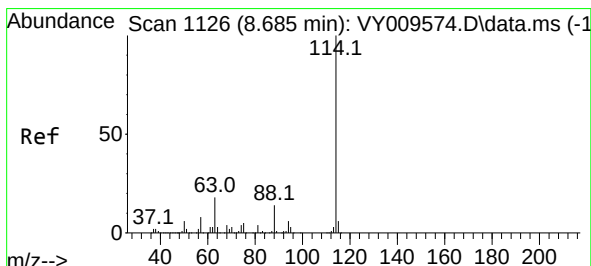
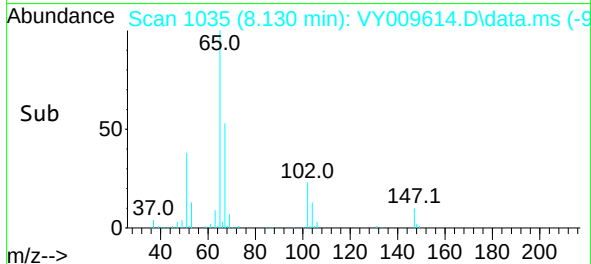
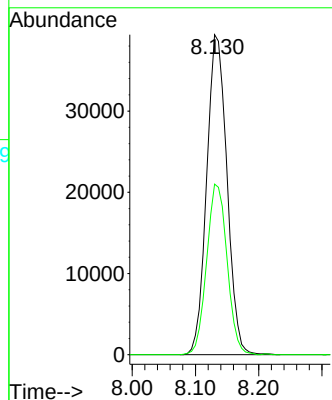
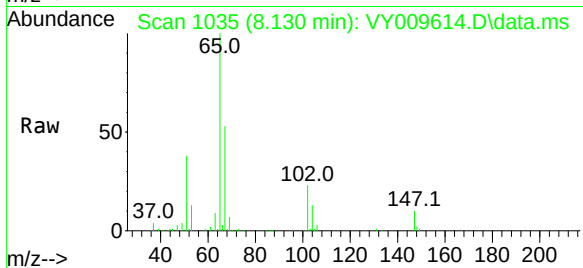
TR-06-071922

Tgt Ion: 65 Resp: 87857

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009614.D

Acq: 20 Jul 2022 15:54

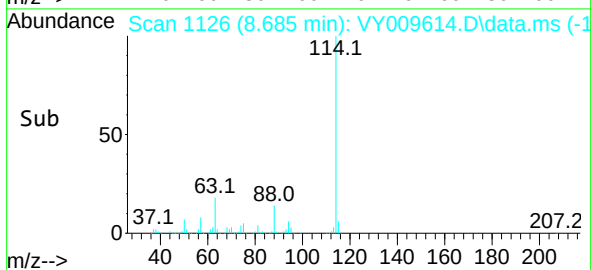
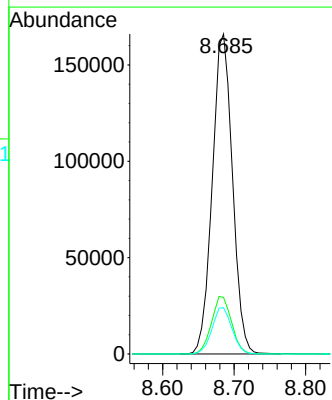
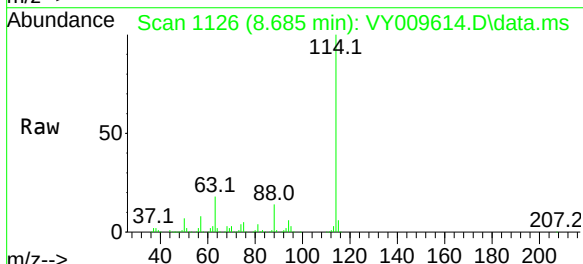
Tgt Ion: 114 Resp: 325277

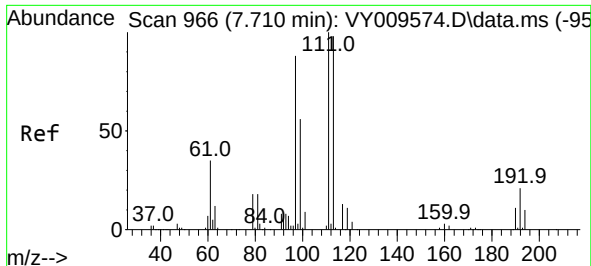
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.5 0.0 31.8

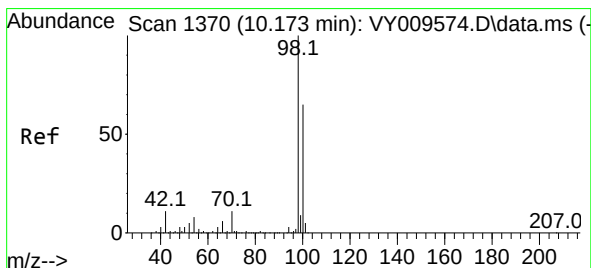
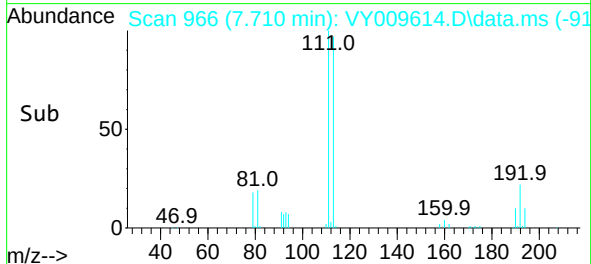
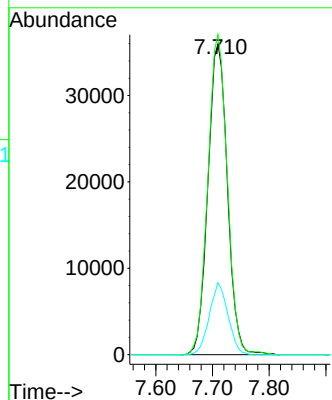
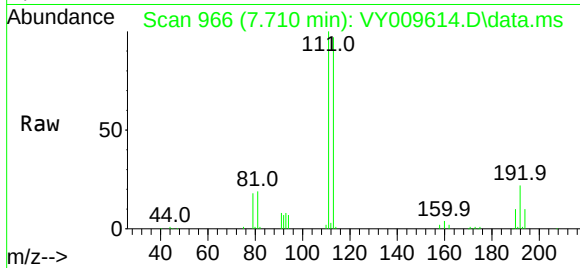




#35
Dibromofluoromethane
Concen: 41.854 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

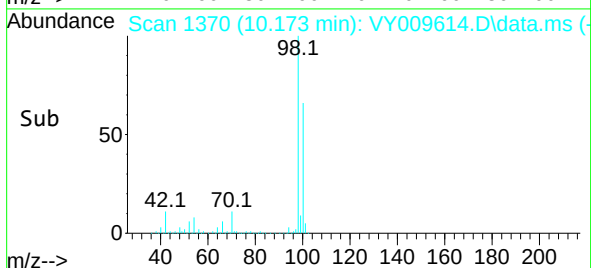
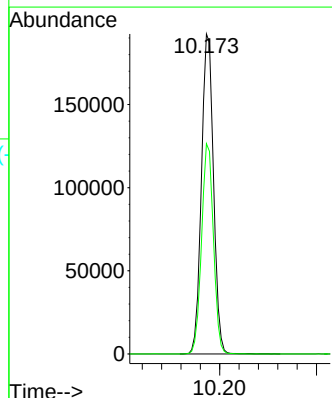
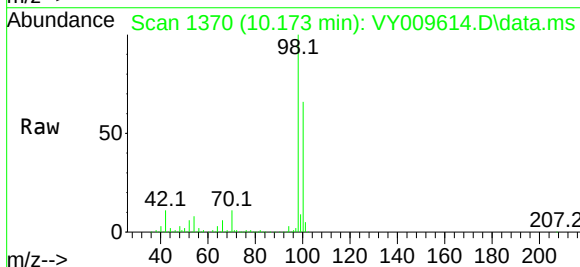
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-071922

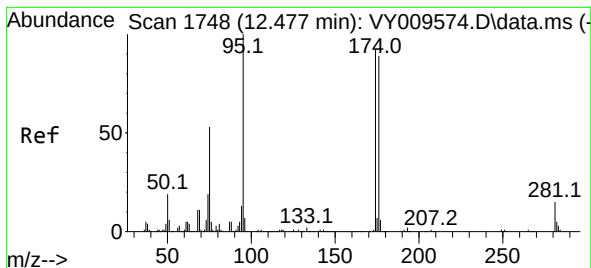
Tgt Ion:113 Resp: 85769
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 22.2 17.6 26.4



#50
Toluene-d8
Concen: 42.239 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

Tgt Ion: 98 Resp: 332754
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

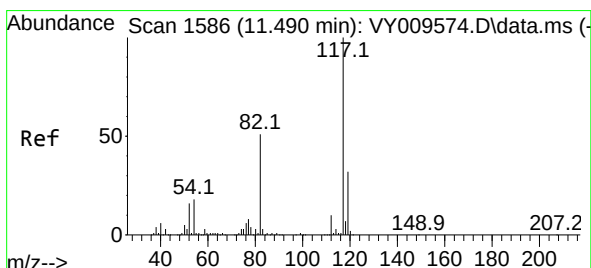
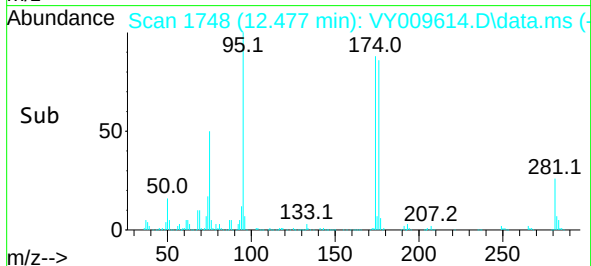
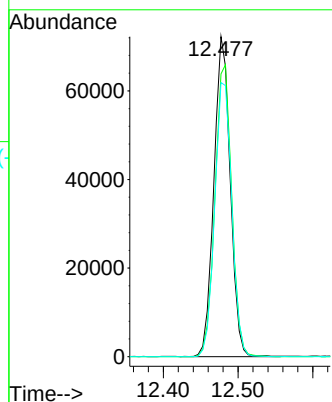
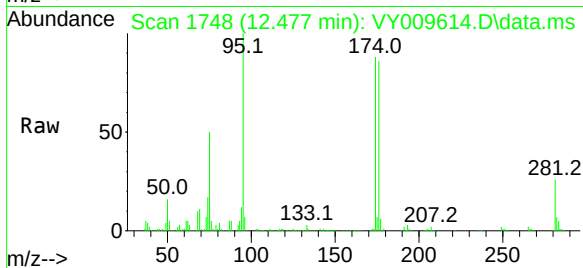




#62
4-Bromofluorobenzene
Concen: 43.050 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

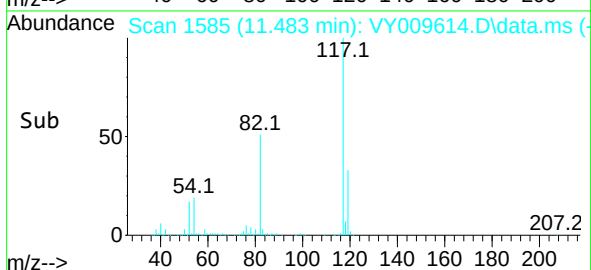
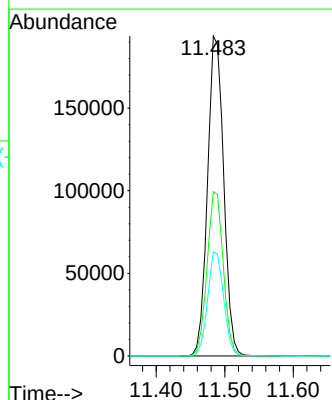
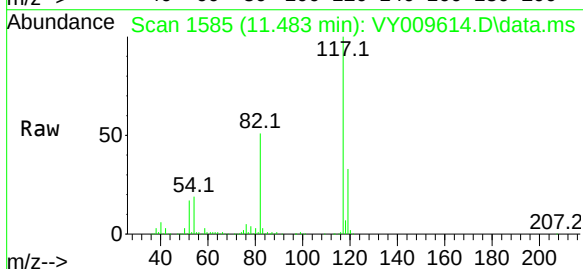
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-071922

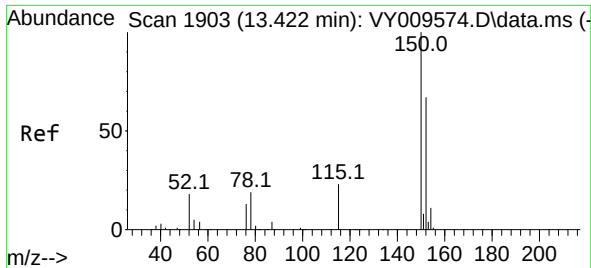
Tgt Ion: 95 Resp: 109891
Ion Ratio Lower Upper
95 100
174 93.3 0.0 177.0
176 89.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009614.D
Acq: 20 Jul 2022 15:54

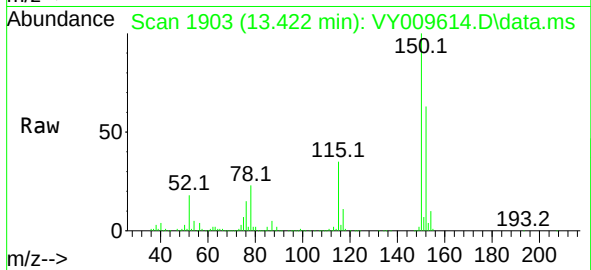
Tgt Ion: 117 Resp: 317779
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009614.D
 Acq: 20 Jul 2022 15:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-071922



Tgt Ion:152 Resp: 149175
 Ion Ratio Lower Upper
 152 100
 115 55.7 28.2 84.7
 150 157.4 0.0 347.6

