

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010043.D
 Acq On : 16 Aug 2022 14:53
 Operator : KP/MD
 Sample : N4179-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-7211930

Quant Time: Aug 16 16:54:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

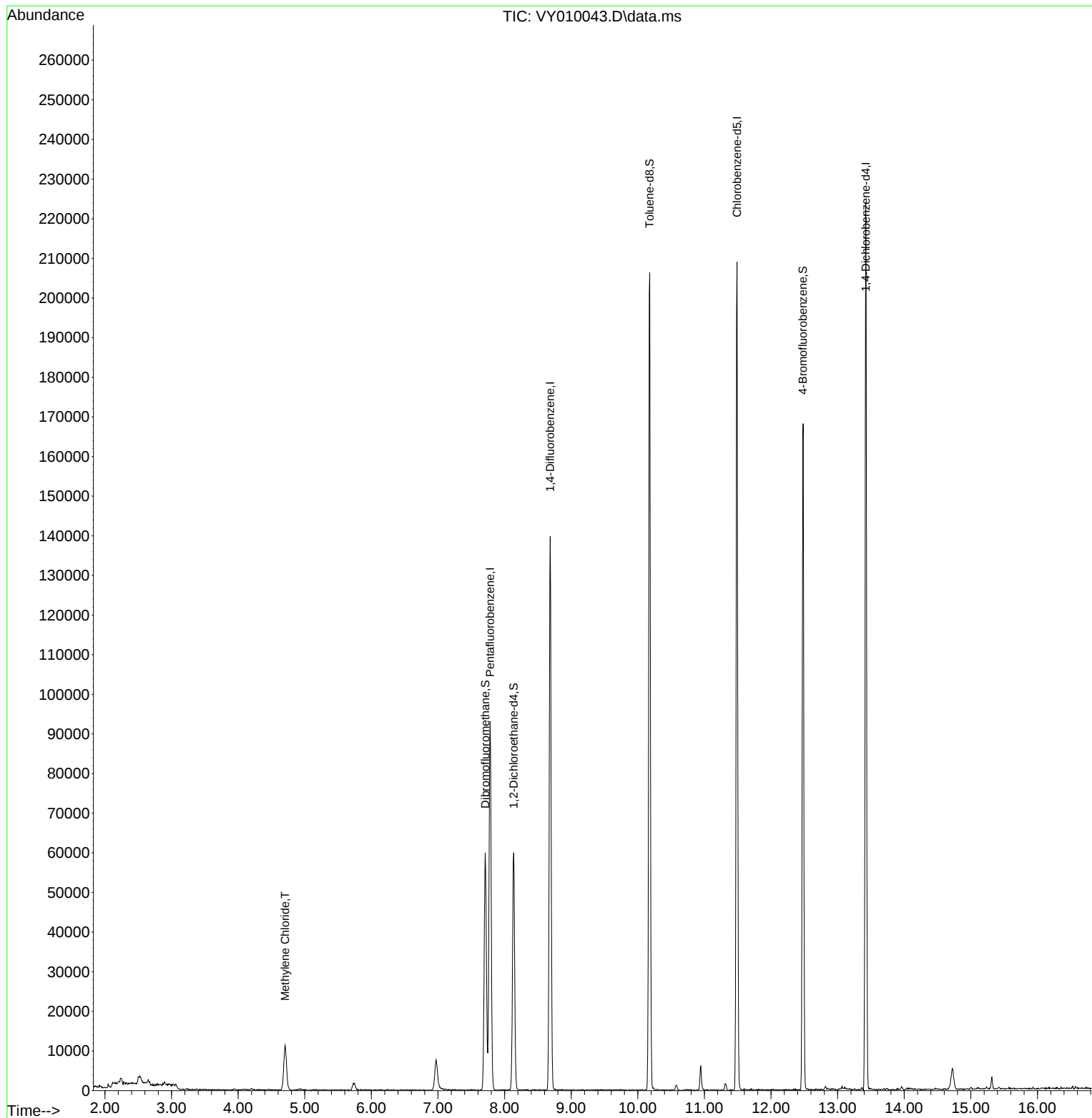
Internal Standards						
1) Pentafluorobenzene	7.783	168	75313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	120642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	58124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	46918	62.306	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.620%	
35) Dibromofluoromethane	7.710	113	41467	53.002	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.000%	
50) Toluene-d8	10.179	98	135756	46.901	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.800%	
62) 4-Bromofluorobenzene	12.477	95	48006	47.219	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.440%	
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	7961	7.827	ug/l	95

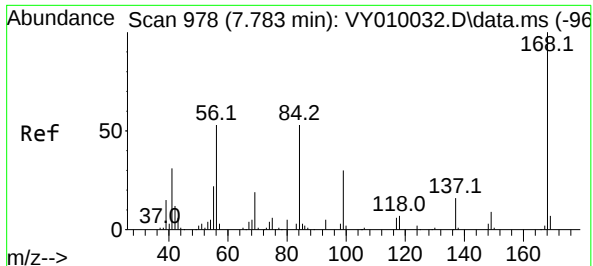
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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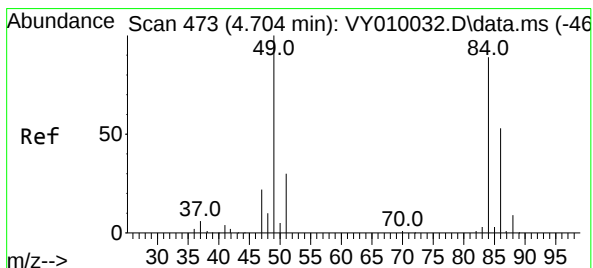
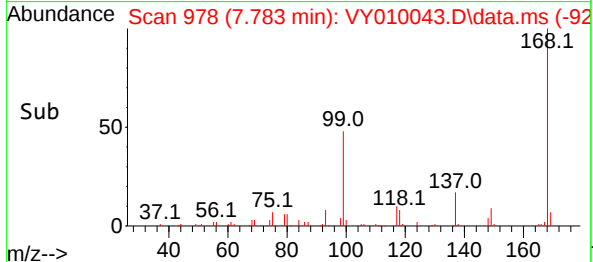
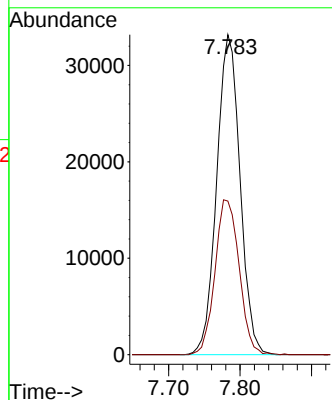
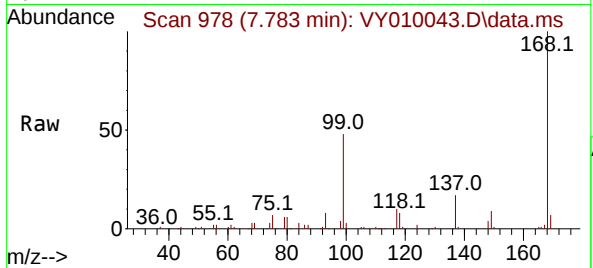




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

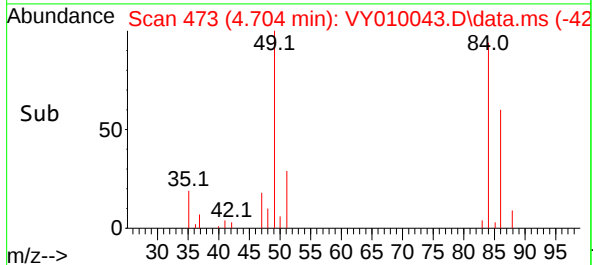
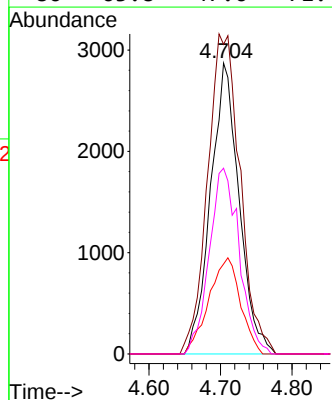
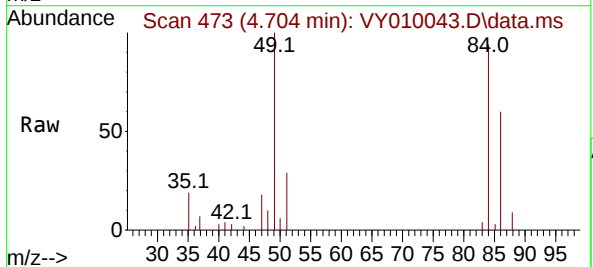
Instrument :
MSVOA_Y
ClientSampleId :
RO-7211930

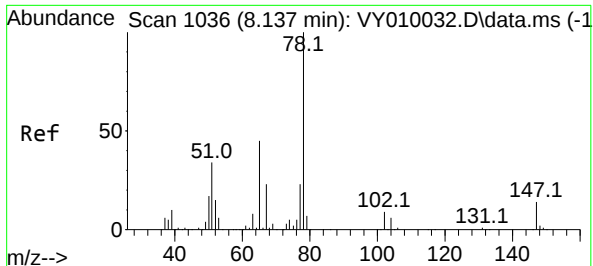
Tgt Ion:168 Resp: 75313
Ion Ratio Lower Upper
168 100
99 48.0 37.7 56.5



#20
Methylene Chloride
Concen: 7.827 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

Tgt Ion: 84 Resp: 7961
Ion Ratio Lower Upper
84 100
49 106.5 89.5 134.3
51 30.9 26.8 40.2
86 63.8 47.6 71.4





#33

1,2-Dichloroethane-d4

Concen: 62.306 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY010043.D

Acq: 16 Aug 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

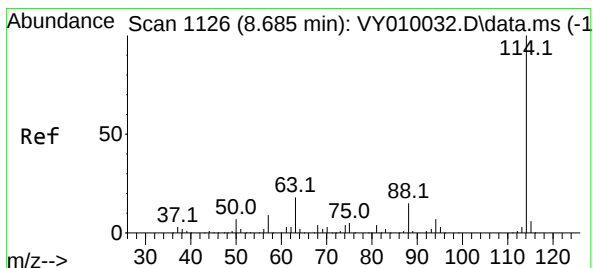
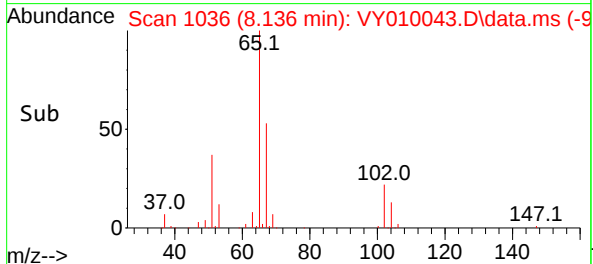
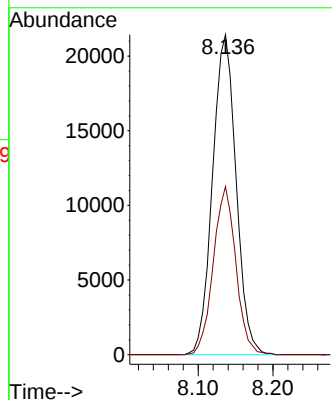
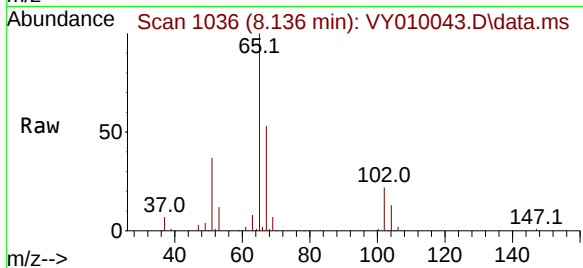
RO-7211930

Tgt Ion: 65 Resp: 46918

Ion Ratio Lower Upper

65 100

67 50.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010043.D

Acq: 16 Aug 2022 14:53

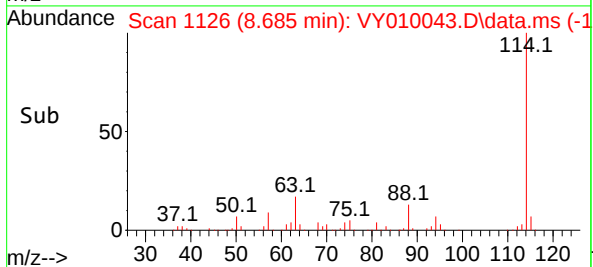
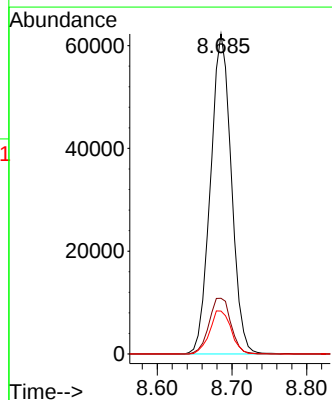
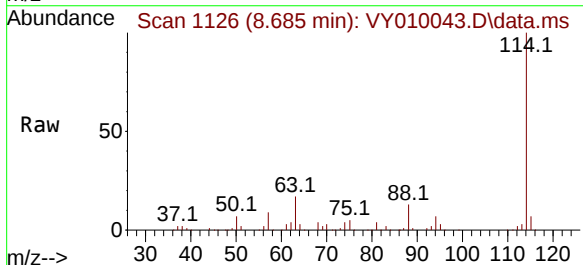
Tgt Ion:114 Resp: 120642

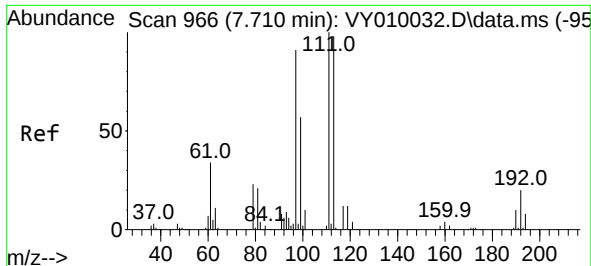
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

88 13.4 0.0 30.2

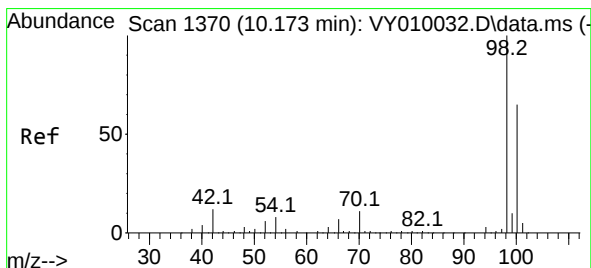
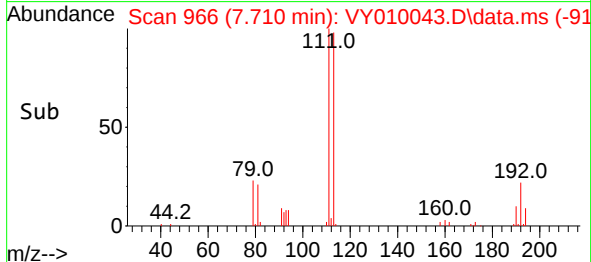
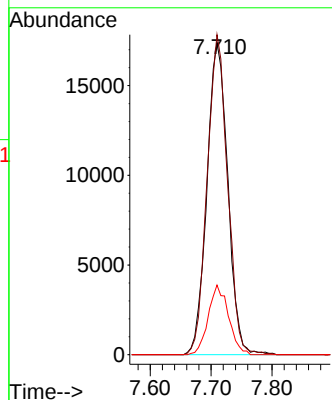
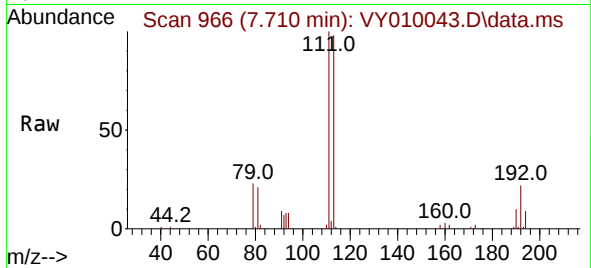




#35
 Dibromofluoromethane
 Concen: 53.002 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY010043.D
 Acq: 16 Aug 2022 14:53

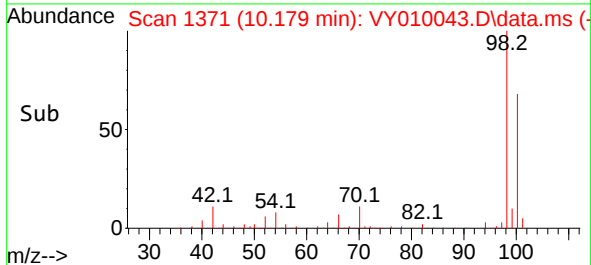
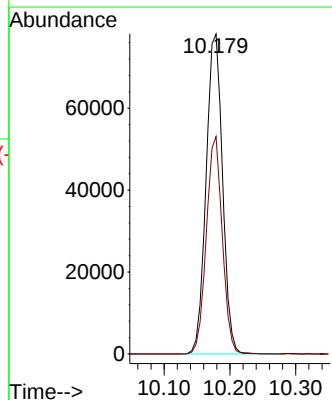
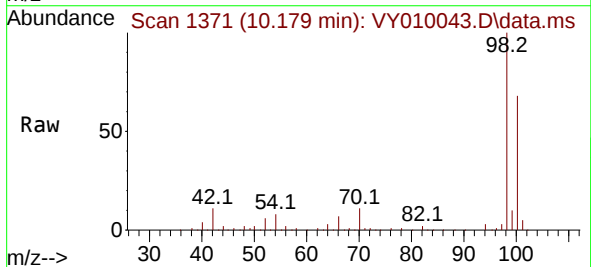
Instrument :
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 ClientSampleId :
 RO-7211930

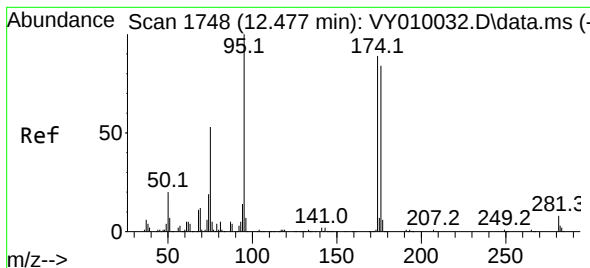
Tgt Ion:113	Resp:	41467
Ion	Ratio	Lower Upper
113	100	
111	99.8	82.7 124.1
192	21.7	17.2 25.8



#50
 Toluene-d8
 Concen: 46.901 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.006 min
 Lab File: VY010043.D
 Acq: 16 Aug 2022 14:53

Tgt Ion: 98	Resp:	135756
Ion	Ratio	Lower Upper
98	100	
100	66.0	52.1 78.1

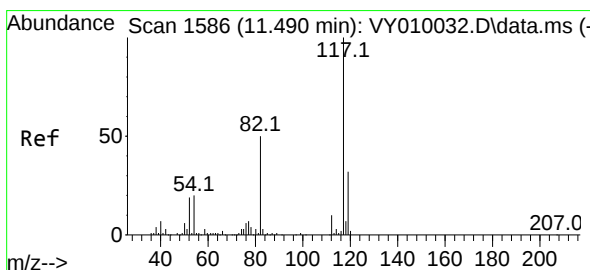
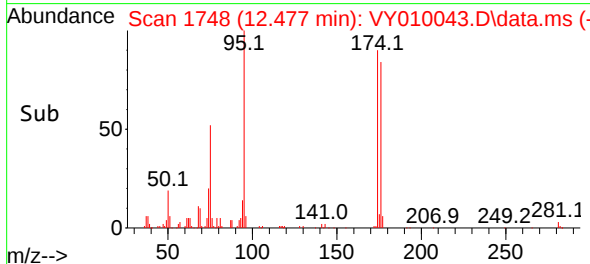
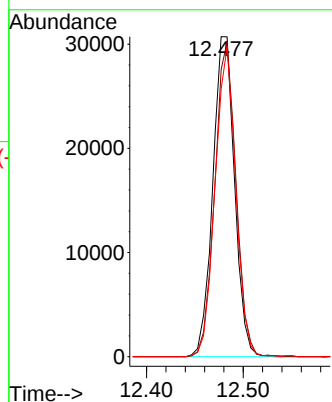
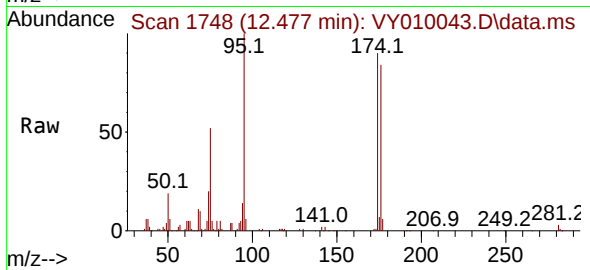




#62
4-Bromofluorobenzene
Concen: 47.219 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

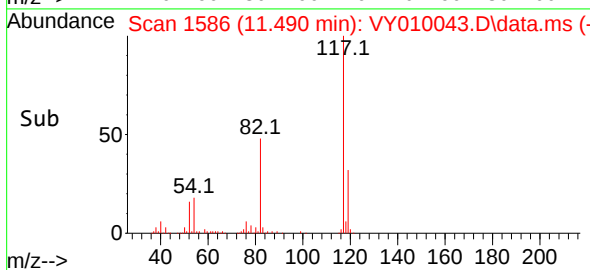
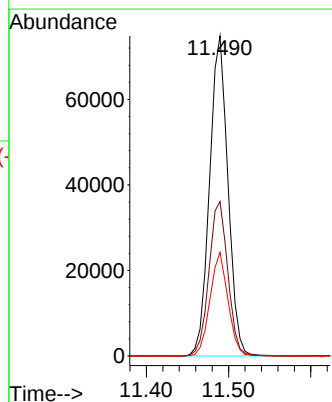
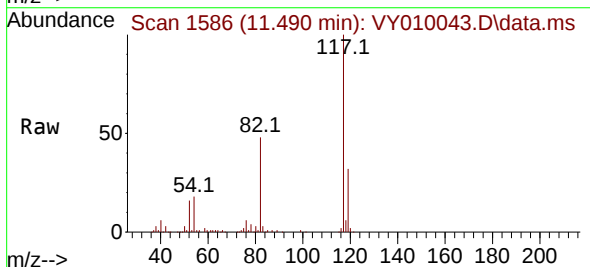
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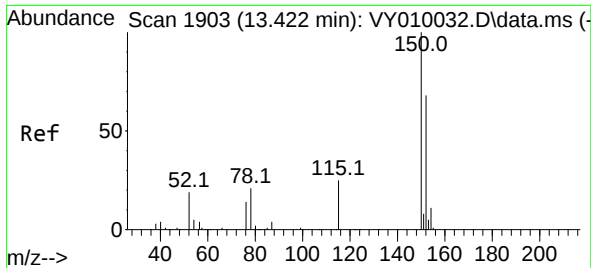
Tgt Ion: 95 Resp: 48006
Ion Ratio Lower Upper
95 100
174 95.7 0.0 184.2
176 91.9 0.0 178.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010043.D
Acq: 16 Aug 2022 14:53

Tgt Ion: 117 Resp: 116292
Ion Ratio Lower Upper
117 100
82 48.2 39.8 59.6
119 32.3 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: VY010043.D

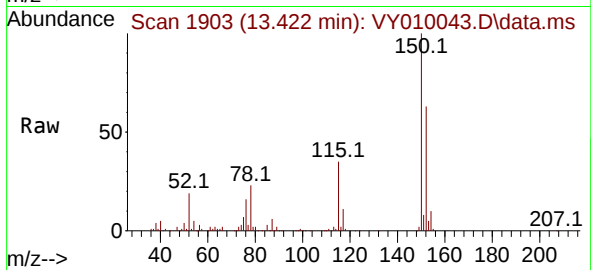
Acq: 16 Aug 2022 14:53

Instrument :

MSVOA_Y

ClientSampleId :

RO-7211930



Tgt Ion:152 Resp: 58124

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.3

150 157.0 0.0 346.6

