

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091922\
 Data File : VY010558.D
 Acq On : 19 Sep 2022 18:01
 Operator : KP/MD
 Sample : N4653-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CAR-1948

Quant Time: Sep 20 01:05:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

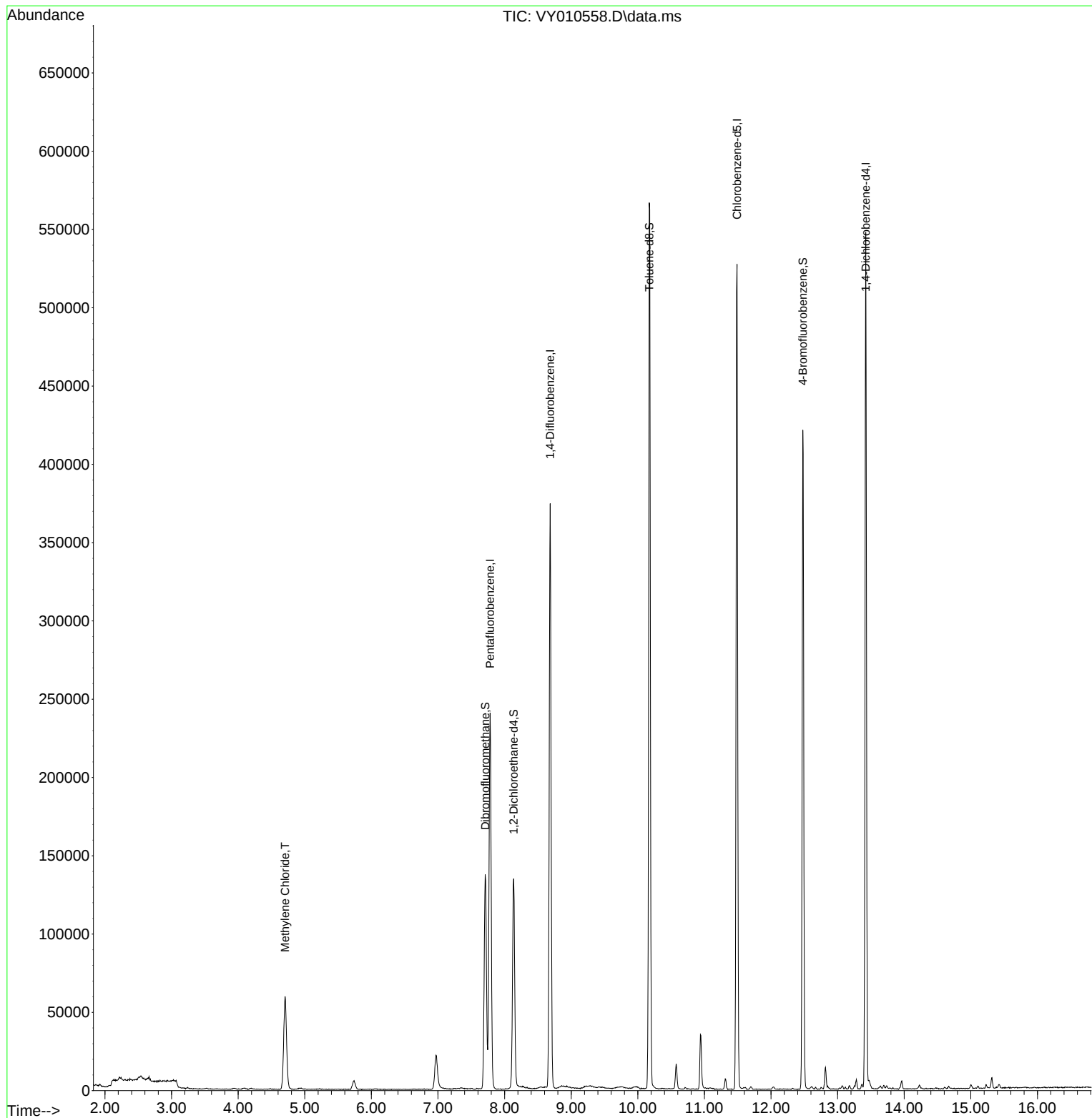
Internal Standards						
1) Pentafluorobenzene	7.783	168	190293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	320639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	298489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	103622	56.932	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.860%
35) Dibromofluoromethane	7.710	113	98615	48.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.380%
50) Toluene-d8	10.173	98	380235	50.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.520%
62) 4-Bromofluorobenzene	12.477	95	128856	45.676	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.360%
Target Compounds						
20) Methylene Chloride	4.704	84	45818	14.848	ug/l	Qvalue # 83

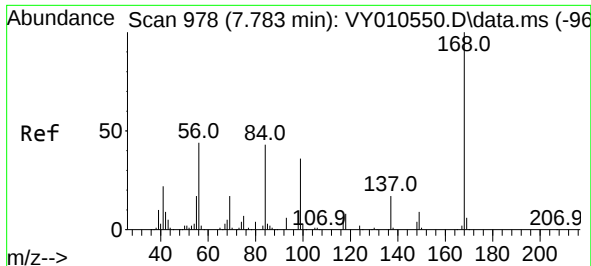
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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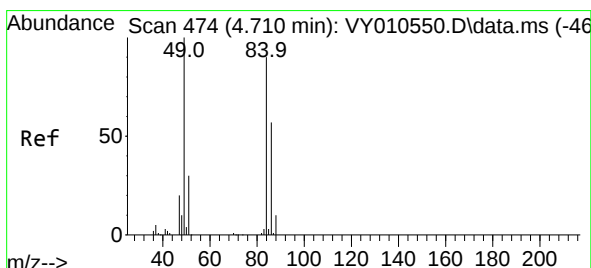
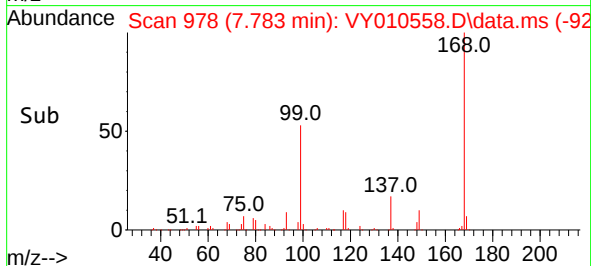
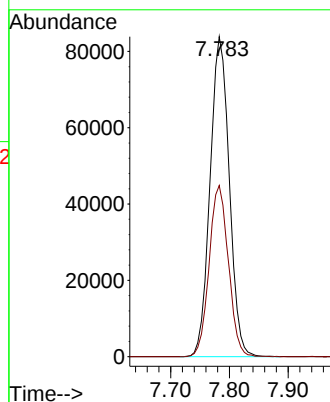
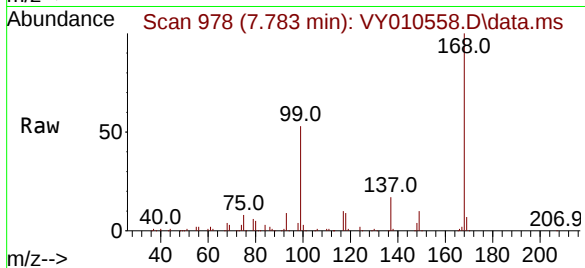




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010558.D
Acq: 19 Sep 2022 18:01

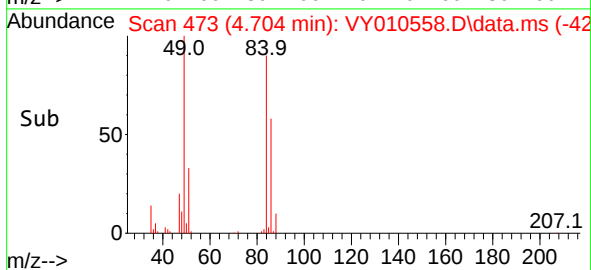
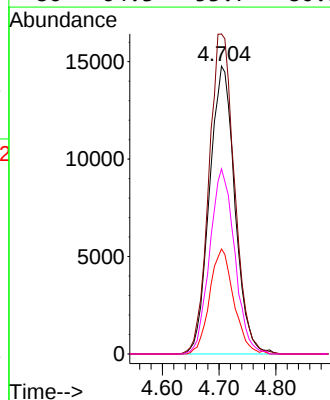
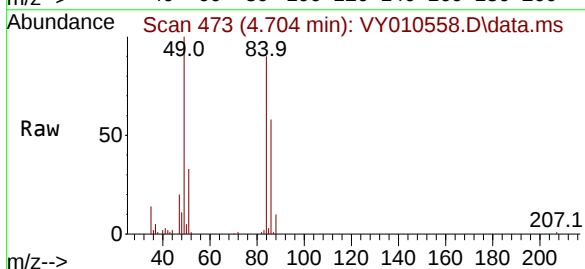
Instrument :
MSVOA_Y
ClientSampleId :
CAR-1948

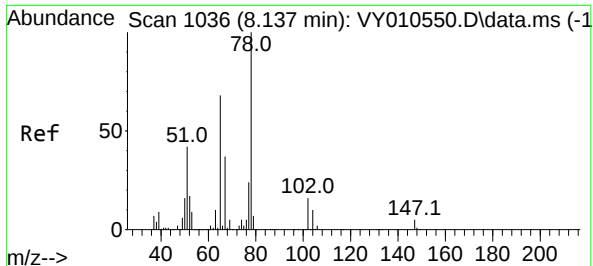
Tgt Ion:168 Resp: 190293
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#20
Methylene Chloride
Concen: 14.848 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010558.D
Acq: 19 Sep 2022 18:01

Tgt Ion: 84 Resp: 45818
Ion Ratio Lower Upper
84 100
49 111.2 114.4 171.6#
51 36.5 35.3 52.9
86 64.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 56.932 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010558.D

Acq: 19 Sep 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

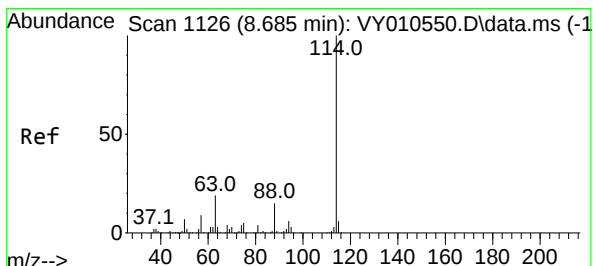
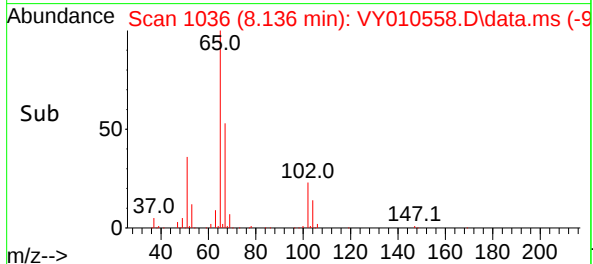
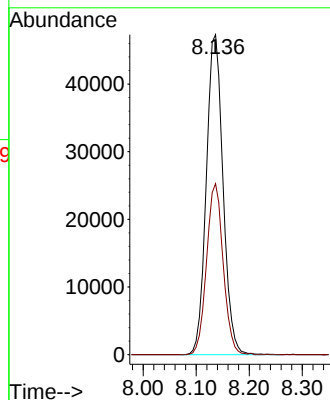
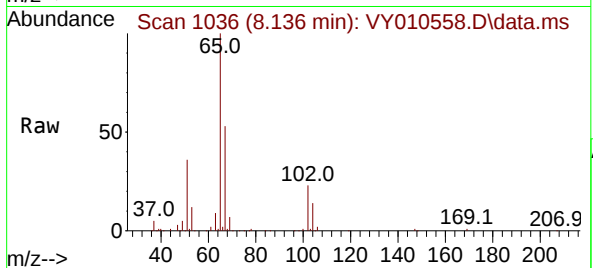
CAR-1948

Tgt Ion: 65 Resp: 103622

Ion Ratio Lower Upper

65 100

67 53.0 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: VY010558.D

Acq: 19 Sep 2022 18:01

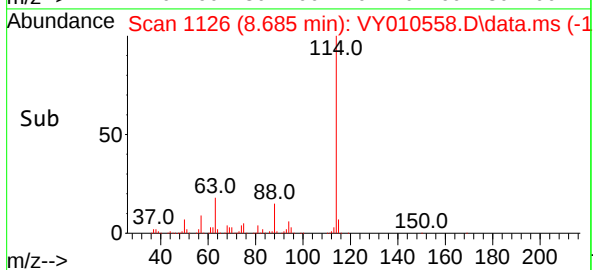
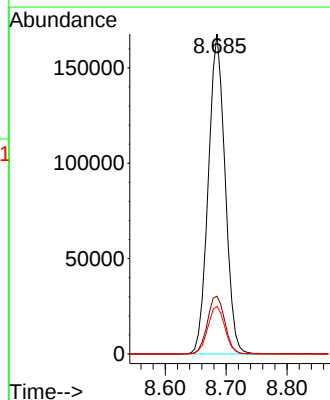
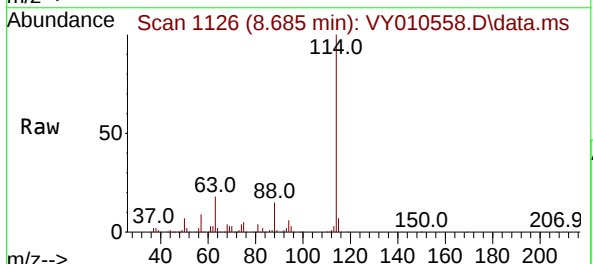
Tgt Ion: 114 Resp: 320639

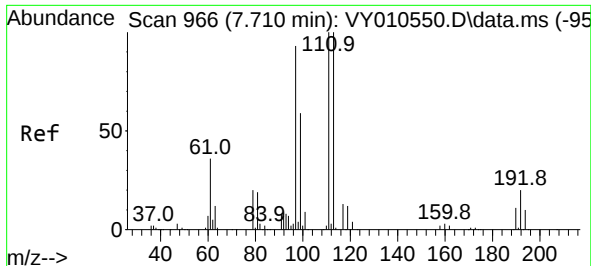
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.8 0.0 31.8

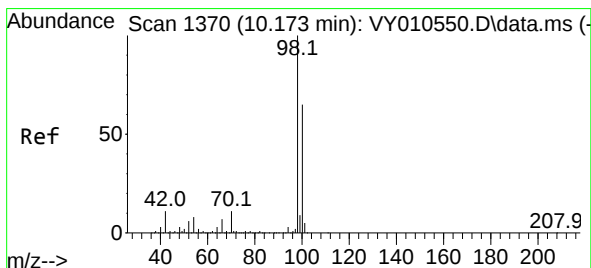
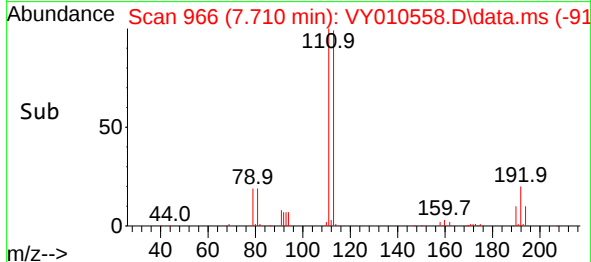
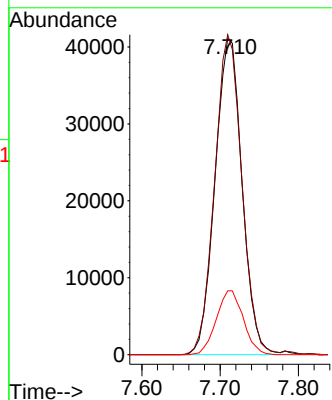
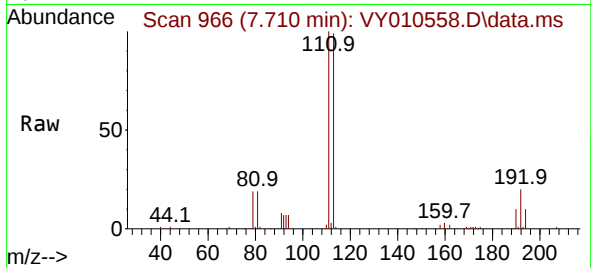




#35
 Dibromofluoromethane
 Concen: 48.191 ug/l
 RT: 7.710 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VY010558.D
 Acq: 19 Sep 2022 18:01

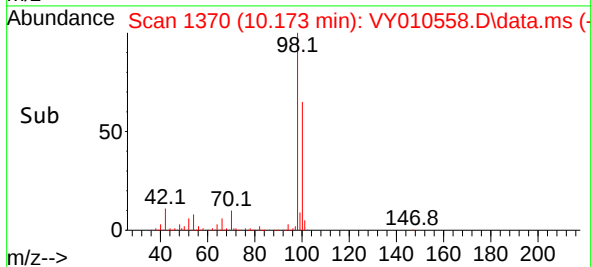
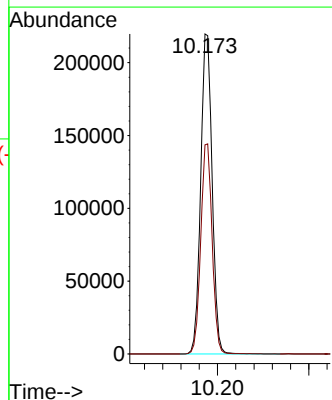
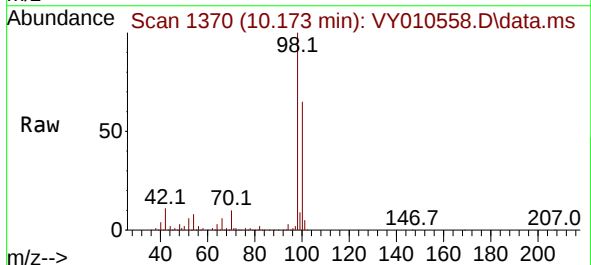
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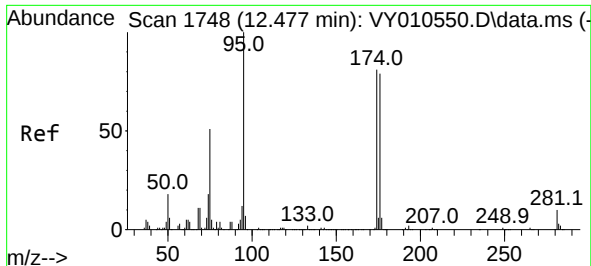
Tgt Ion:	113	Resp:	98615
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.6	124.0
192	20.2	17.6	26.4



#50
 Toluene-d8
 Concen: 50.260 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: VY010558.D
 Acq: 19 Sep 2022 18:01

Tgt Ion:	98	Resp:	380235
Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.2	75.2

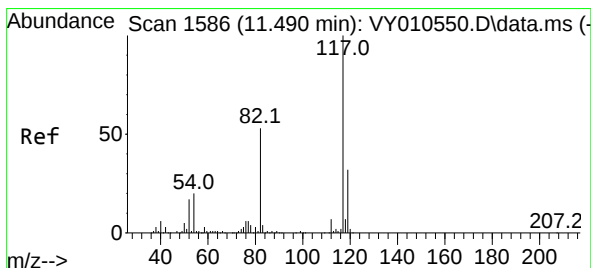
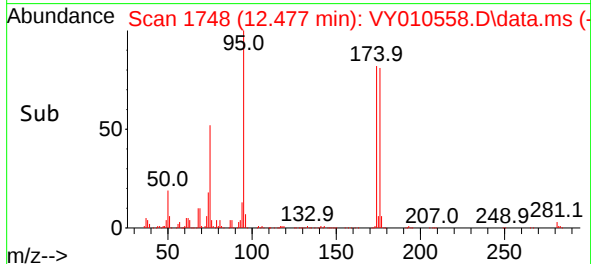
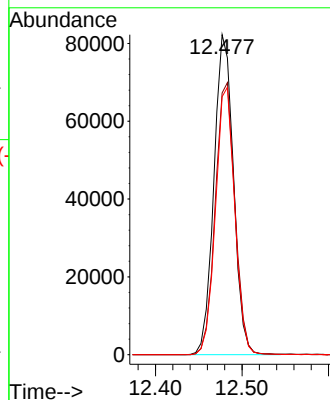
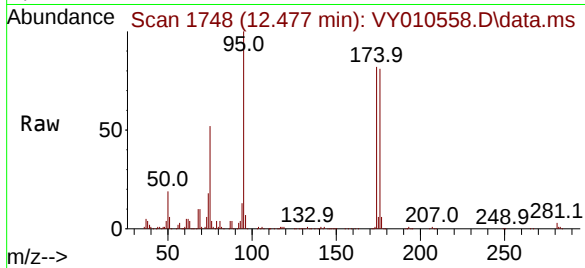




#62
4-Bromofluorobenzene
Concen: 45.676 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010558.D
Acq: 19 Sep 2022 18:01

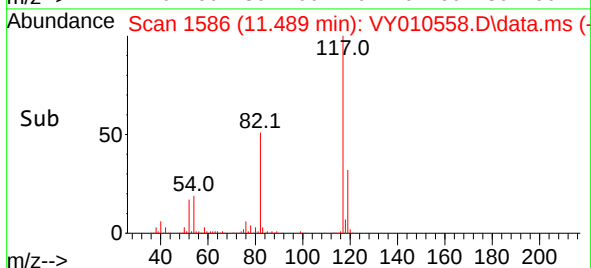
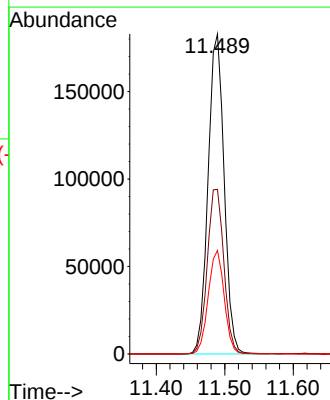
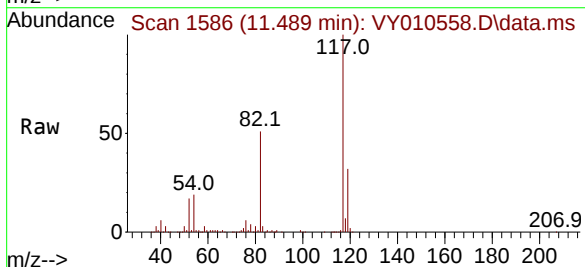
Instrument :
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ClientSampleId :
CAR-1948

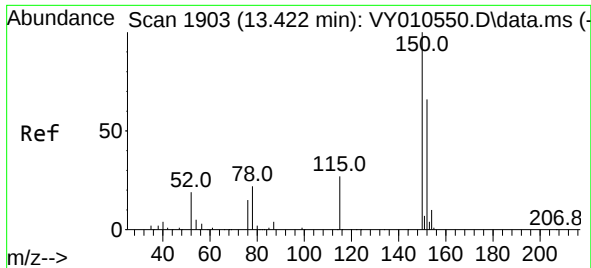
Tgt Ion: 95 Resp: 128856
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 82.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010558.D
Acq: 19 Sep 2022 18:01

Tgt Ion: 117 Resp: 298489
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 32.3 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: VY010558.D

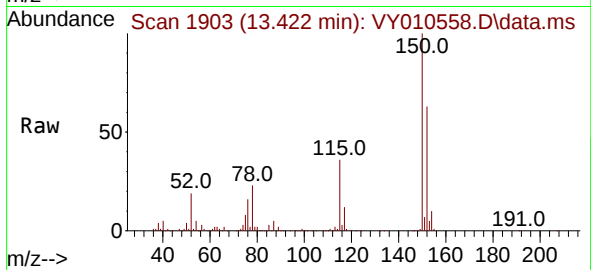
Acq: 19 Sep 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

CAR-1948



Tgt Ion:152 Resp: 137583

Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 157.5 0.0 347.6

