

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009352.D
 Acq On : 27 Jun 2022 18:47
 Operator : KP/MD
 Sample : N3434-08
 Misc : 6.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2206-35

Quant Time: Jun 28 04:32:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

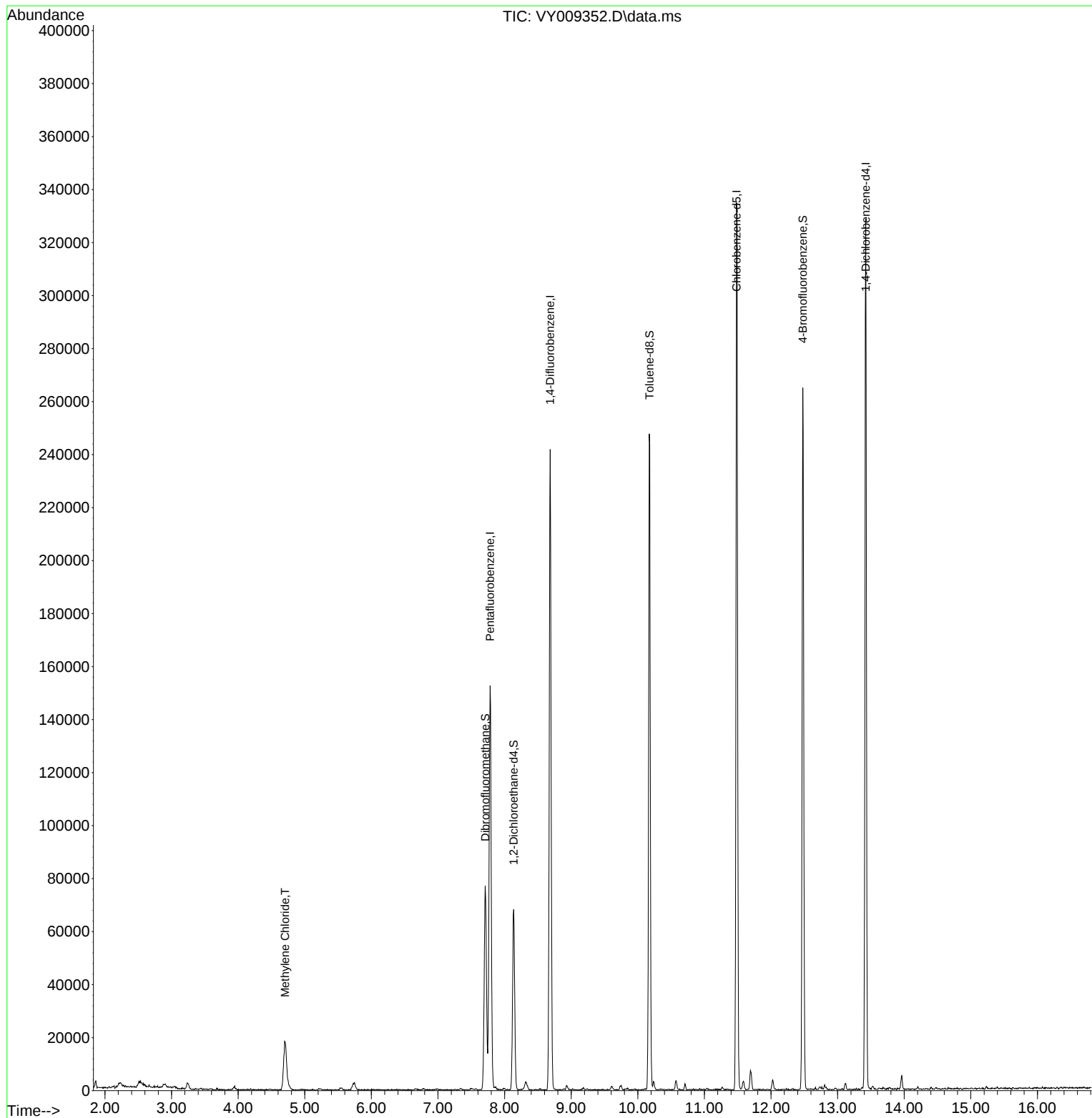
Internal Standards						
1) Pentafluorobenzene	7.783	168	118335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	199891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	182447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	82890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50808	57.717	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.440%
35) Dibromofluoromethane	7.710	113	53942	49.996	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.000%
50) Toluene-d8	10.179	98	157425	49.929	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.477	95	70187	45.676	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.360%
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	12779	6.872	ug/l	94

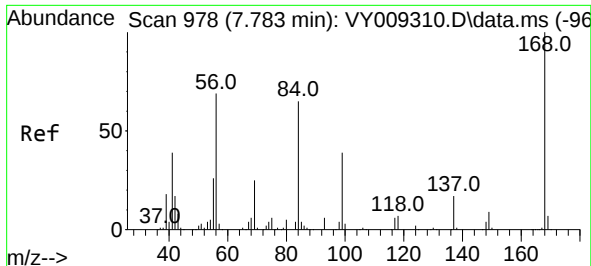
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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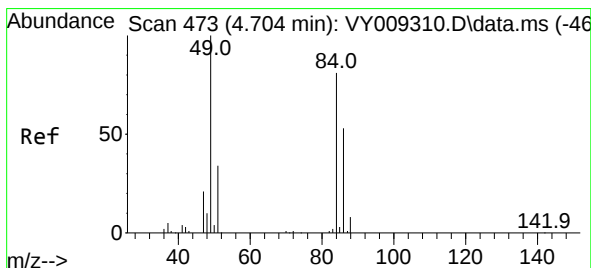
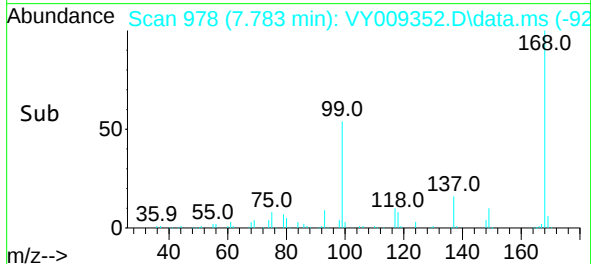
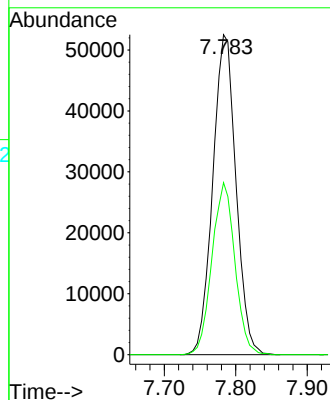
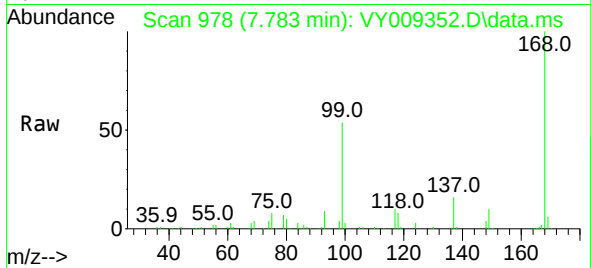




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

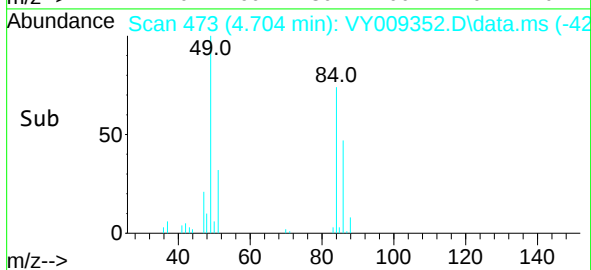
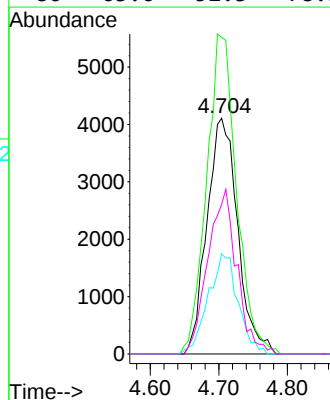
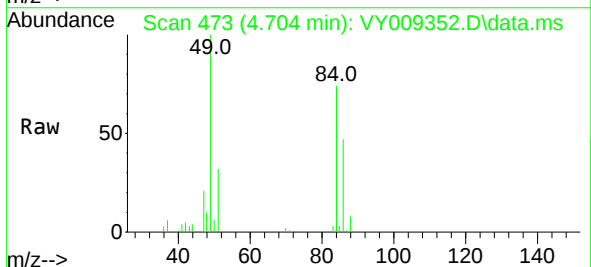
Instrument :
MSVOA_Y
ClientSampleId :
B2206-35

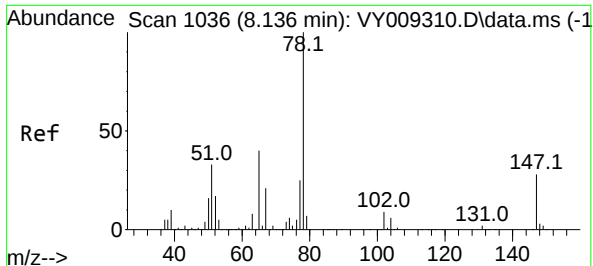
Tgt Ion:168 Resp: 118335
Ion Ratio Lower Upper
168 100
99 53.8 42.1 63.1



#20
Methylene Chloride
Concen: 6.872 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

Tgt Ion: 84 Resp: 12779
Ion Ratio Lower Upper
84 100
49 134.4 98.2 147.4
51 42.5 33.4 50.0
86 63.6 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 57.717 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009352.D

Acq: 27 Jun 2022 18:47

Instrument :

MSVOA_Y

ClientSampleId :

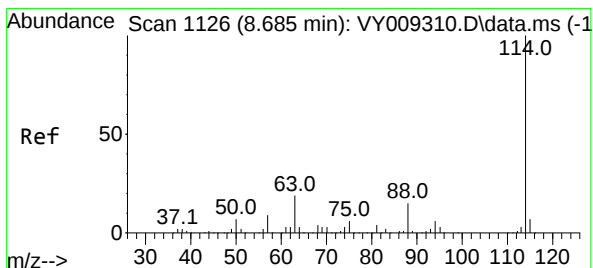
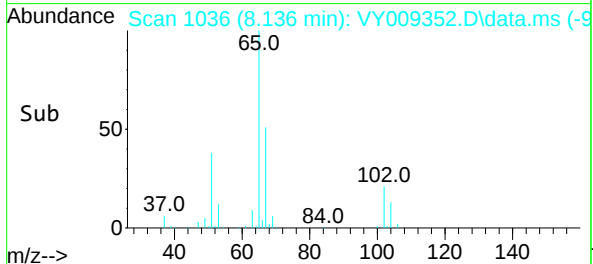
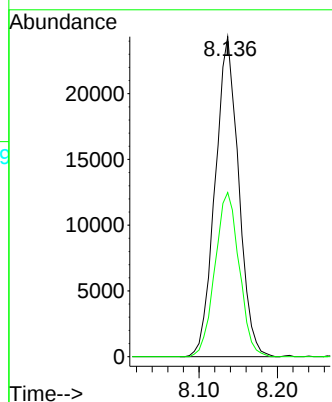
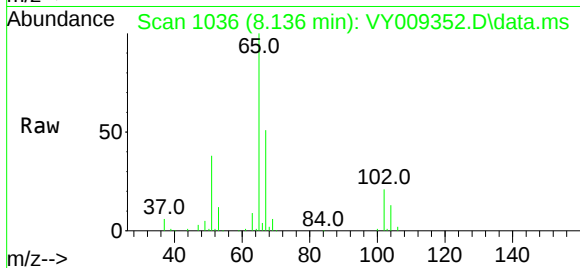
B2206-35

Tgt Ion: 65 Resp: 50808

Ion Ratio Lower Upper

65 100

67 52.7 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009352.D

Acq: 27 Jun 2022 18:47

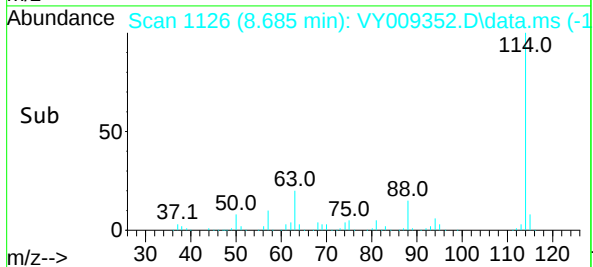
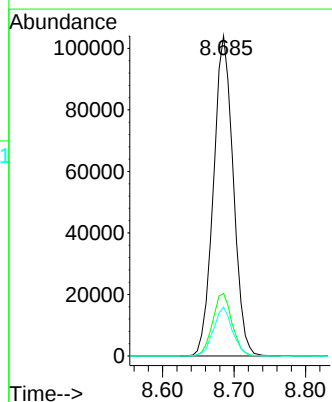
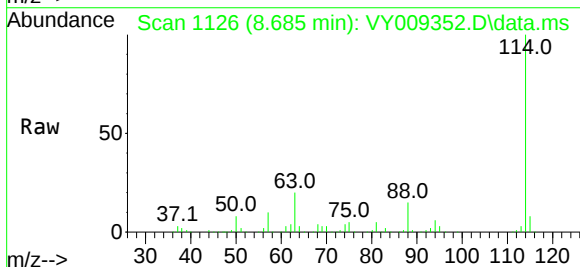
Tgt Ion: 114 Resp: 199891

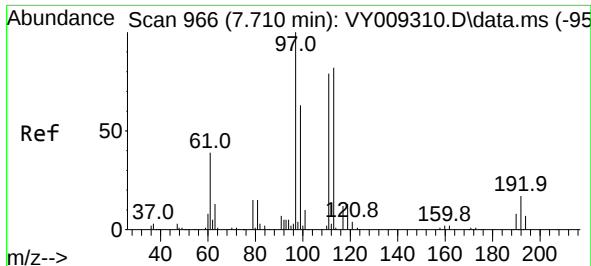
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 15.2 0.0 30.0

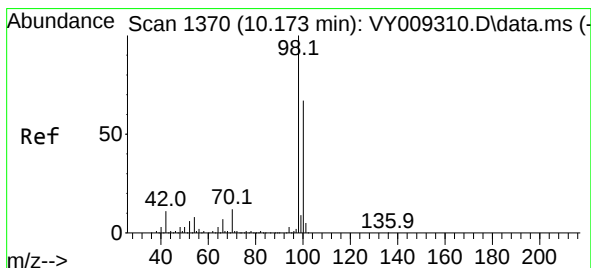
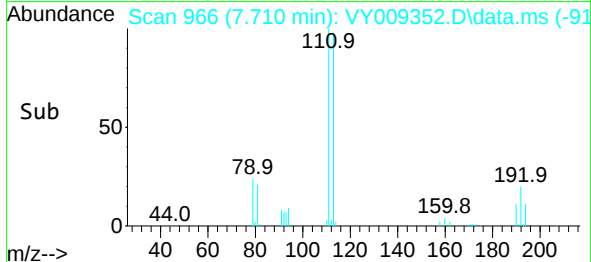
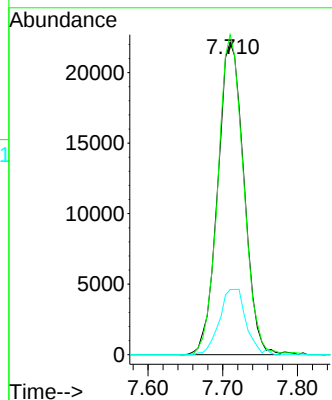
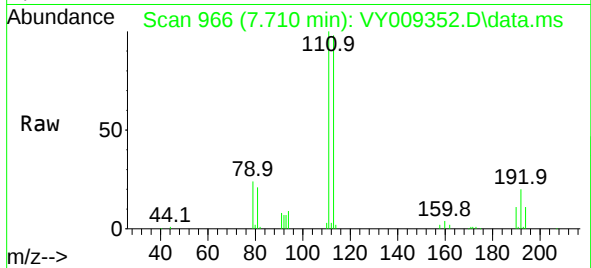




#35
Dibromofluoromethane
Concen: 49.996 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

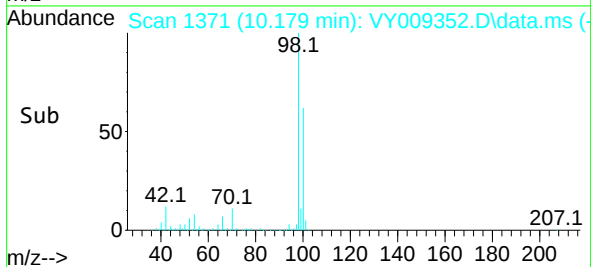
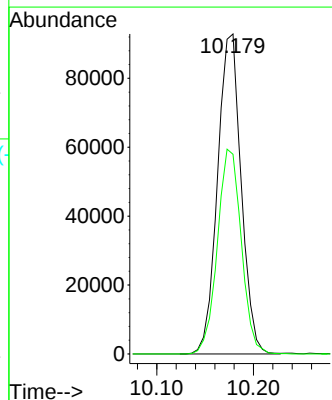
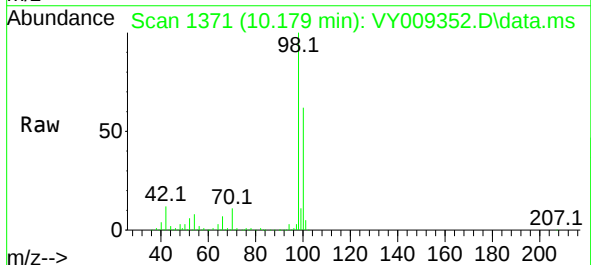
Instrument :
MSVOA_Y
ClientSampleId :
B2206-35

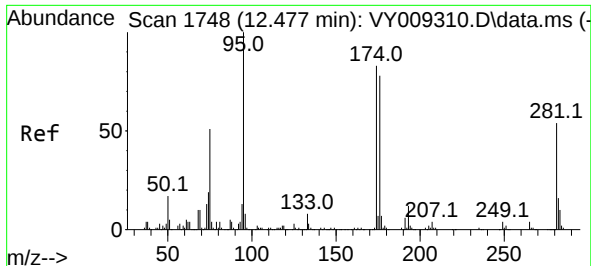
Tgt Ion:113 Resp: 53942
Ion Ratio Lower Upper
113 100
111 100.0 80.6 120.8
192 21.3 16.2 24.4



#50
Toluene-d8
Concen: 49.929 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

Tgt Ion: 98 Resp: 157425
Ion Ratio Lower Upper
98 100
100 64.8 52.9 79.3

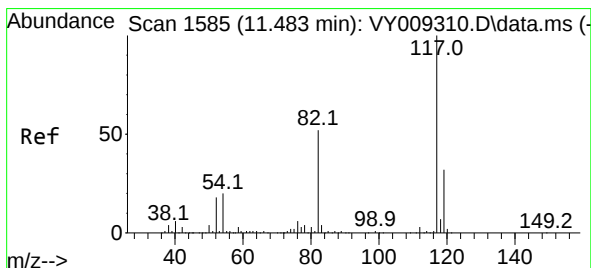
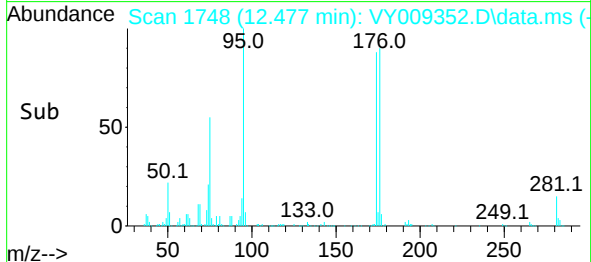
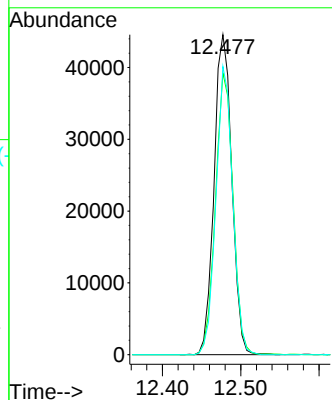
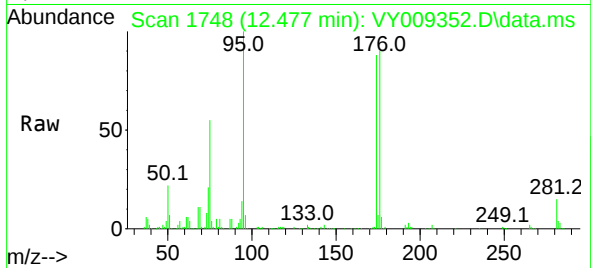




#62
4-Bromofluorobenzene
Concen: 45.676 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

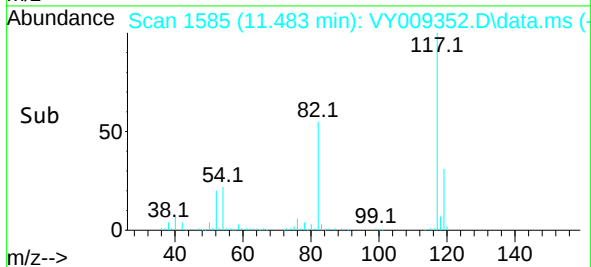
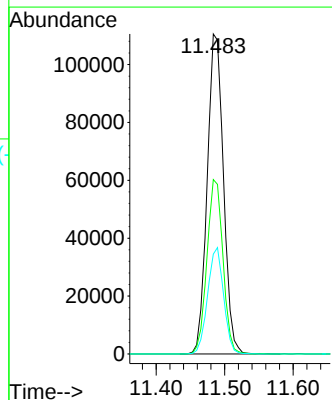
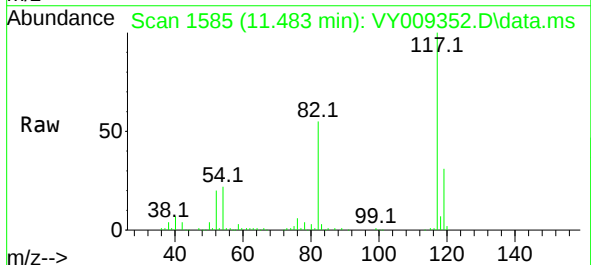
Instrument :
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B2206-35

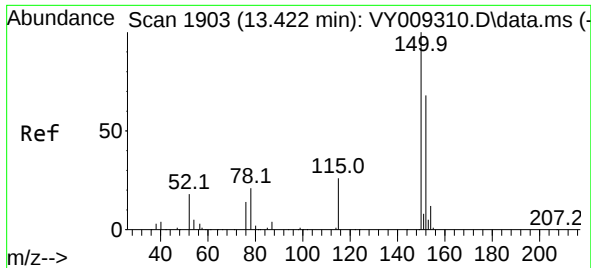
Tgt Ion: 95 Resp: 70187
Ion Ratio Lower Upper
95 100
174 87.0 0.0 173.8
176 85.3 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY009352.D
Acq: 27 Jun 2022 18:47

Tgt Ion: 117 Resp: 182447
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.6
119 31.2 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: VY009352.D

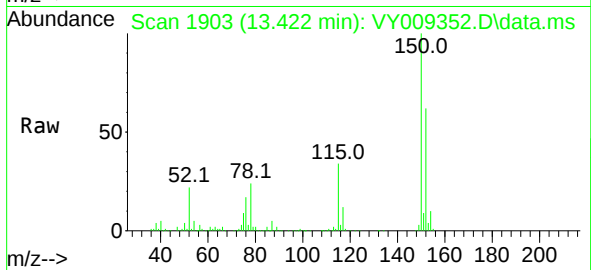
Acq: 27 Jun 2022 18:47

Instrument :

MSVOA_Y

ClientSampleId :

B2206-35



Tgt Ion:152 Resp: 82890

Ion Ratio Lower Upper

152 100

115 55.7 28.6 85.9

150 156.4 0.0 349.8

