

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010241.D
 Acq On : 31 Aug 2022 13:33
 Operator : KP/MD
 Sample : N4415-01
 Misc : 4.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-082622

Quant Time: Aug 31 14:45:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

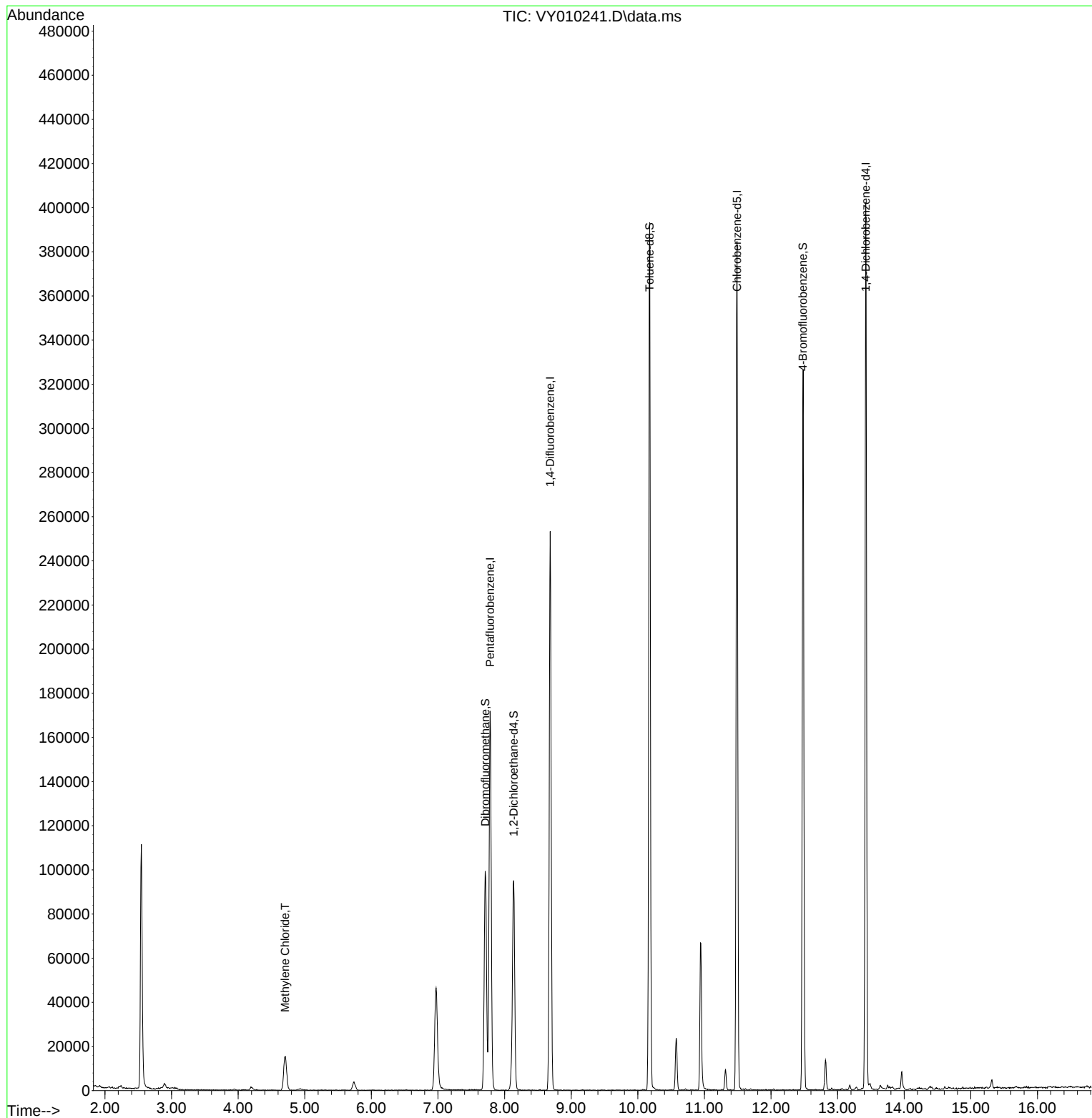
Internal Standards						
1) Pentafluorobenzene	7.783	168	145315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	229683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	222480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75051	61.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.620%	
35) Dibromofluoromethane	7.710	113	72265	54.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.380%	
50) Toluene-d8	10.179	98	264838	53.964	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.920%	
62) 4-Bromofluorobenzene	12.477	95	92280	50.428	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.860%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	13020	8.596	ug/l	# 76

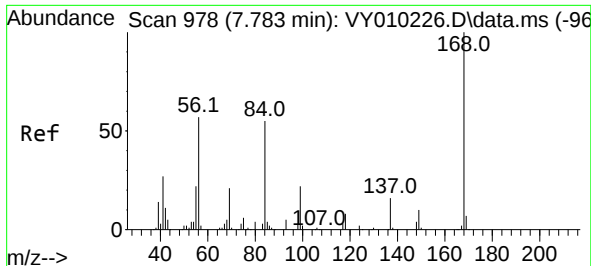
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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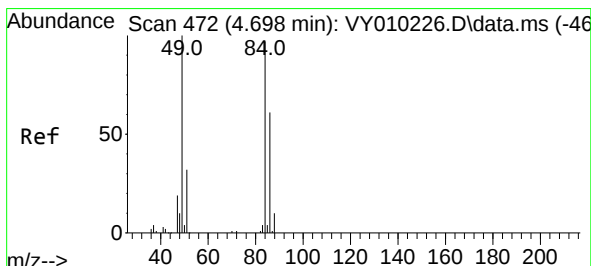
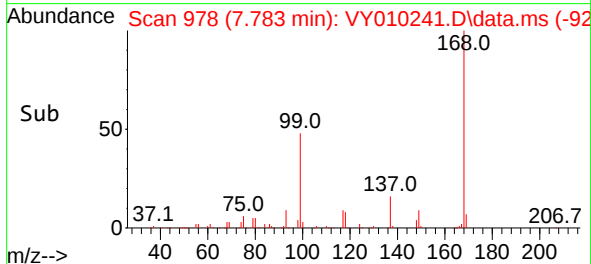
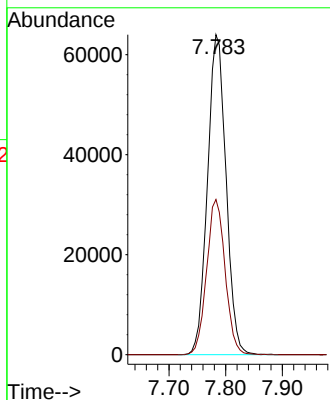
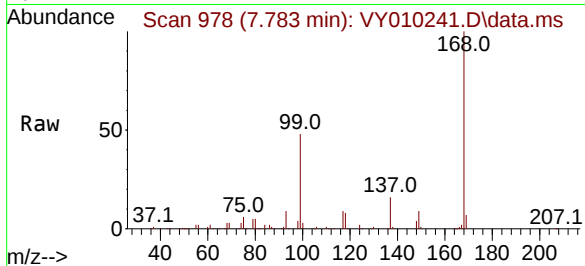




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010241.D
Acq: 31 Aug 2022 13:33

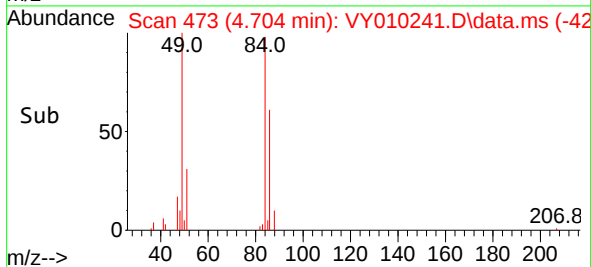
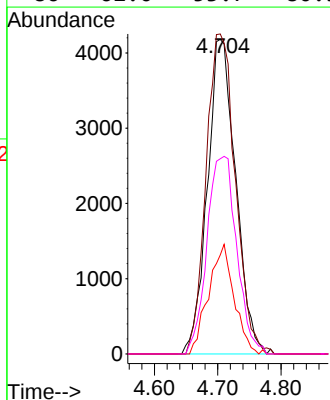
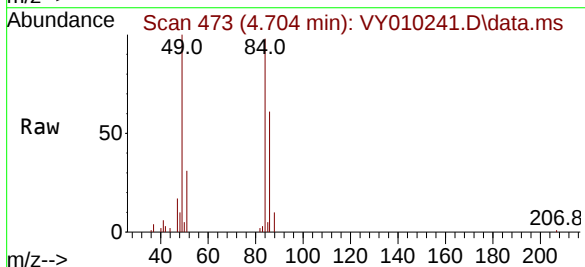
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-082622

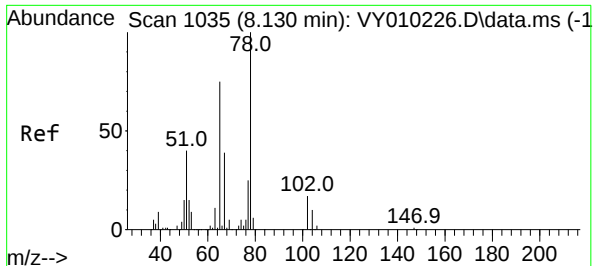
Tgt Ion:168 Resp: 145315
Ion Ratio Lower Upper
168 100
99 48.5 46.9 70.3



#20
Methylene Chloride
Concen: 8.596 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY010241.D
Acq: 31 Aug 2022 13:33

Tgt Ion: 84 Resp: 13020
Ion Ratio Lower Upper
84 100
49 101.7 114.4 171.6#
51 31.5 35.3 52.9#
86 62.0 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 61.307 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY010241.D

Acq: 31 Aug 2022 13:33

Instrument :

MSVOA_Y

ClientSampleId :

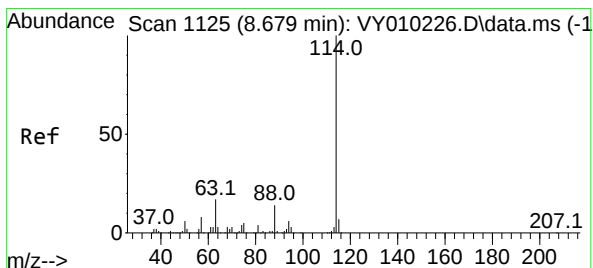
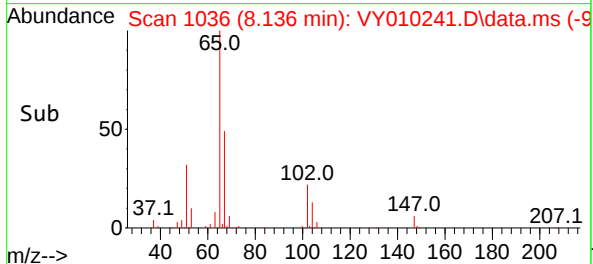
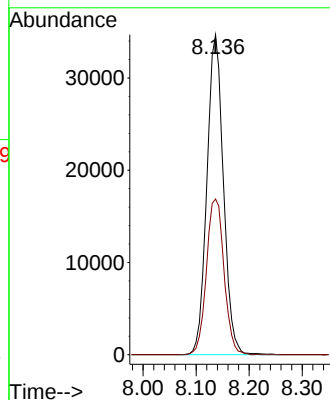
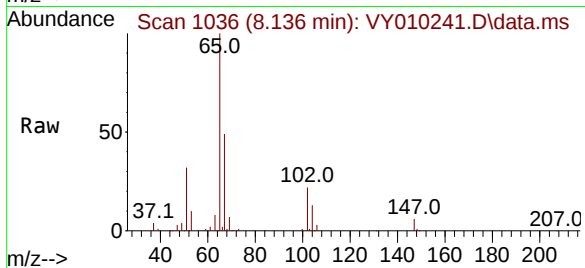
OR-02-082622

Tgt Ion: 65 Resp: 75051

Ion Ratio Lower Upper

65 100

67 51.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010241.D

Acq: 31 Aug 2022 13:33

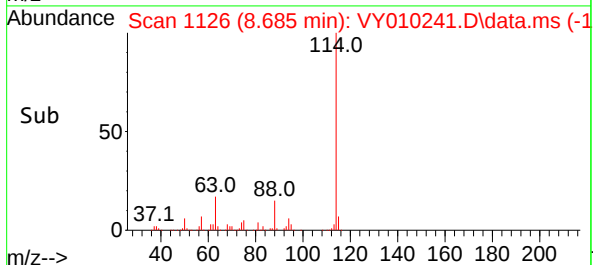
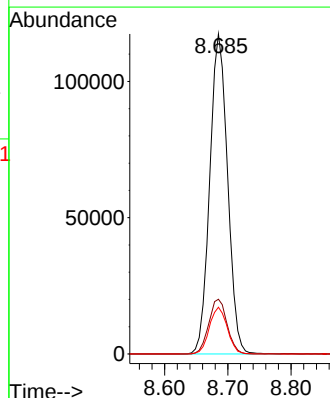
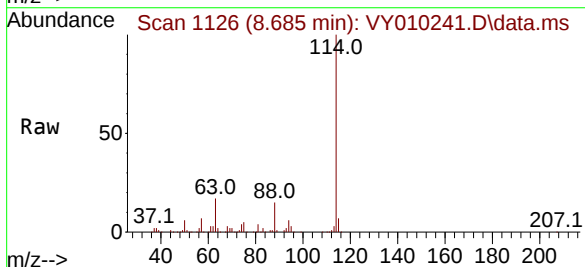
Tgt Ion: 114 Resp: 229683

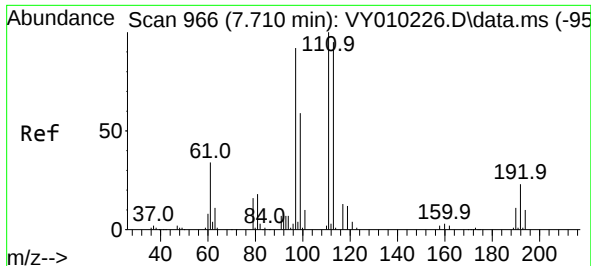
Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.6 0.0 31.8

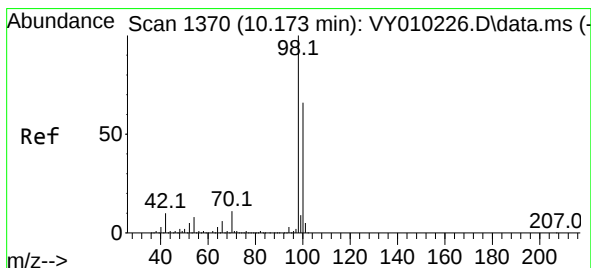
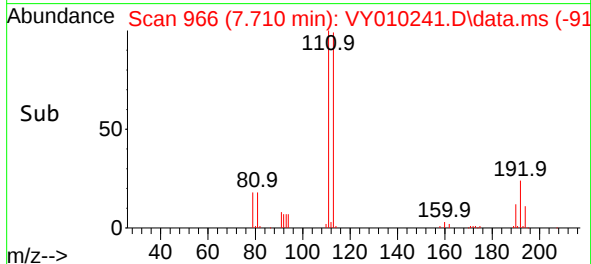
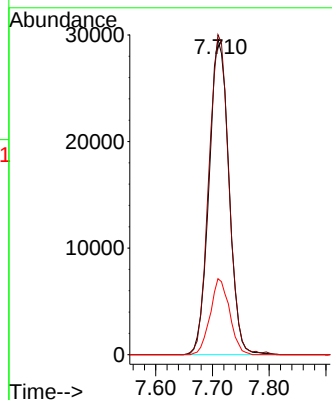
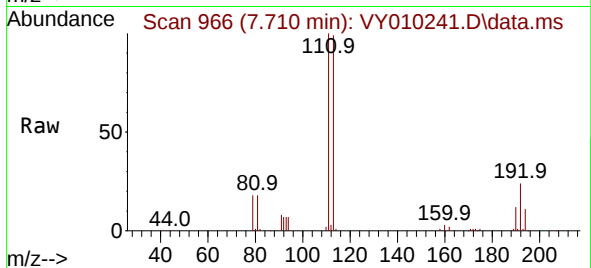




#35
Dibromofluoromethane
Concen: 54.691 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010241.D
Acq: 31 Aug 2022 13:33

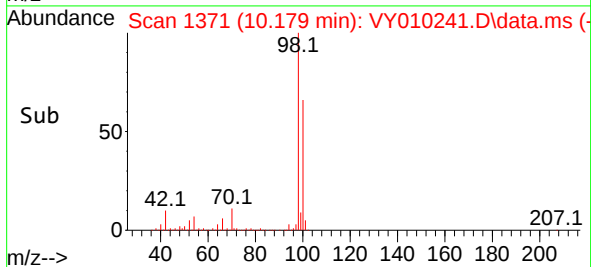
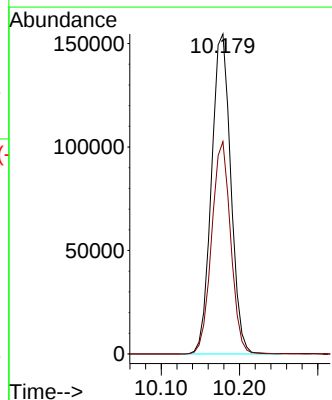
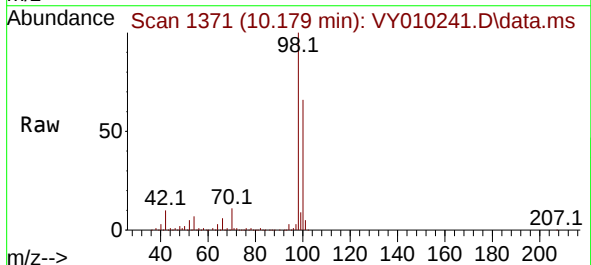
Instrument :
MSVOA_Y
ClientSampleId :
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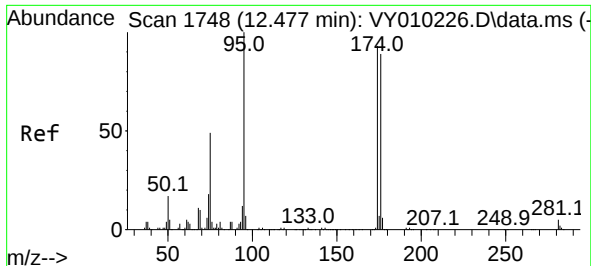
Tgt Ion:113 Resp: 72265
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 23.4 17.6 26.4



#50
Toluene-d8
Concen: 53.964 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010241.D
Acq: 31 Aug 2022 13:33

Tgt Ion: 98 Resp: 264838
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

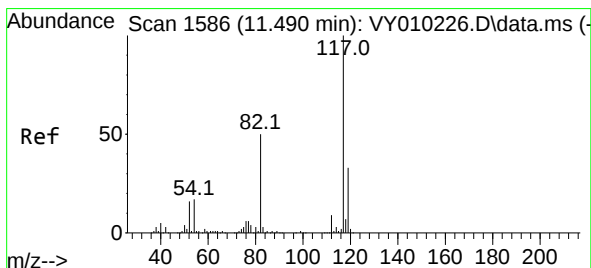
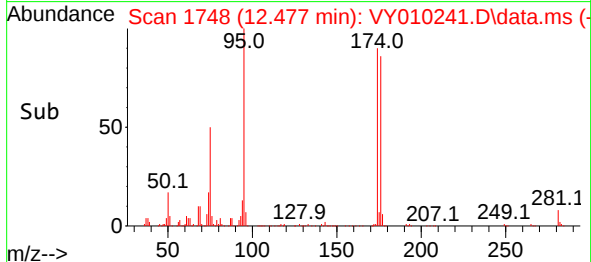
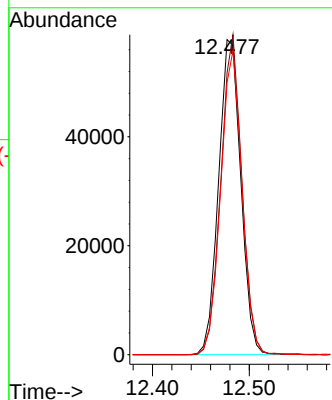
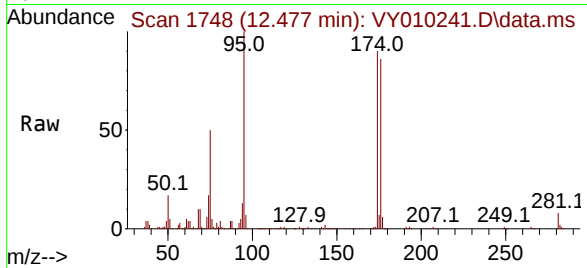




#62
4-Bromofluorobenzene
Concen: 50.428 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010241.D
Acq: 31 Aug 2022 13:33

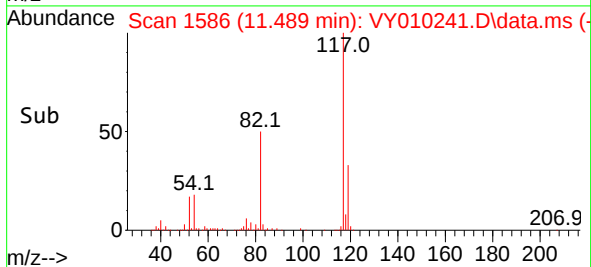
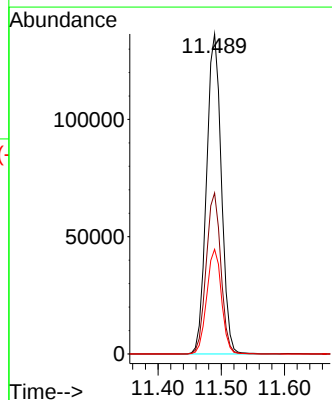
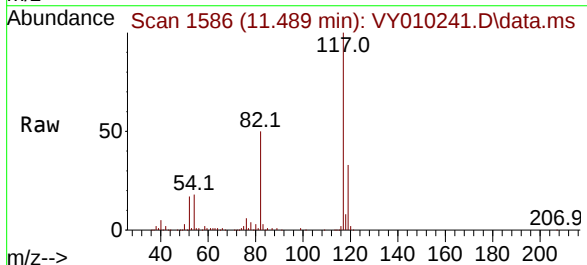
Instrument :
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ClientSampleId :
OR-02-082622

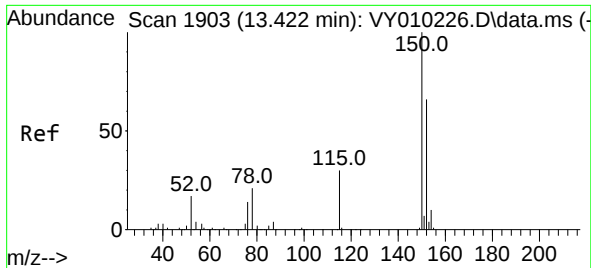
Tgt Ion: 95 Resp: 92280
Ion Ratio Lower Upper
95 100
174 96.2 0.0 177.0
176 92.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010241.D
Acq: 31 Aug 2022 13:33

Tgt Ion: 117 Resp: 222480
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 32.7 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: VY010241.D

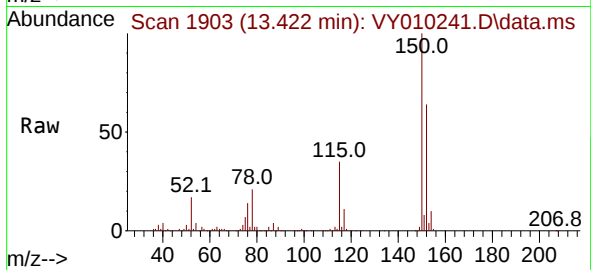
Acq: 31 Aug 2022 13:33

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-082622



Tgt Ion:152 Resp: 110067

Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 156.2 0.0 347.6

