

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009664.D
 Acq On : 22 Jul 2022 16:59
 Operator : KP/MD
 Sample : N3837-01
 Misc : 3.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-1

Quant Time: Jul 23 00:55:09 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)

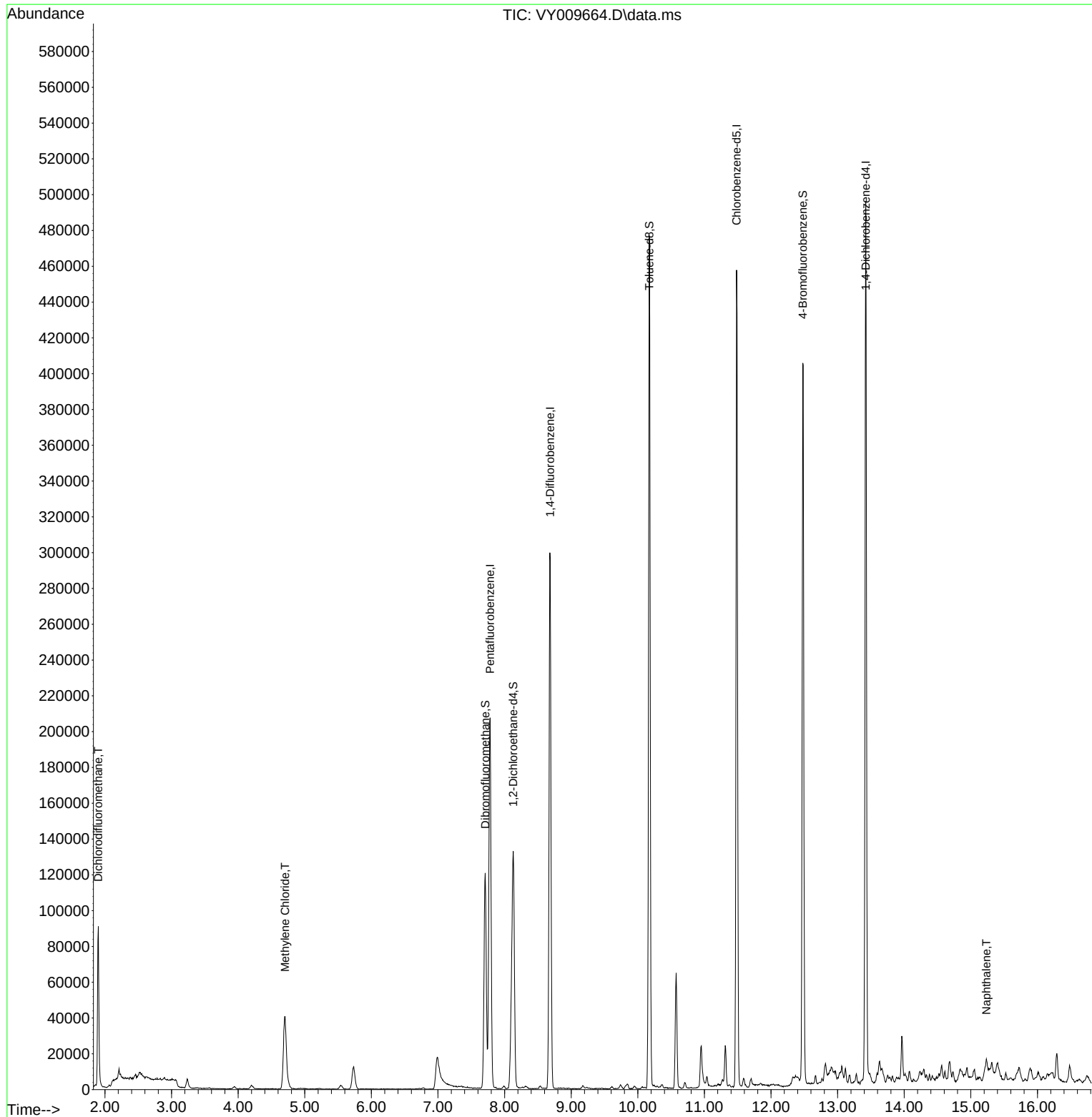
Internal Standards						
1) Pentafluorobenzene	7.783	168	176275	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	272109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	260186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	132888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	87239	52.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.660%	
35) Dibromofluoromethane	7.710	113	85335	49.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.560%	
50) Toluene-d8	10.173	98	312105	47.359	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 94.720%	
62) 4-Bromofluorobenzene	12.477	95	109588	51.319	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 102.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	71948	46.516	ug/l	99
20) Methylene Chloride	4.704	84	31675	6.326	ug/l #	81
95) Naphthalene	15.233	128	7903	1.649	ug/l #	85

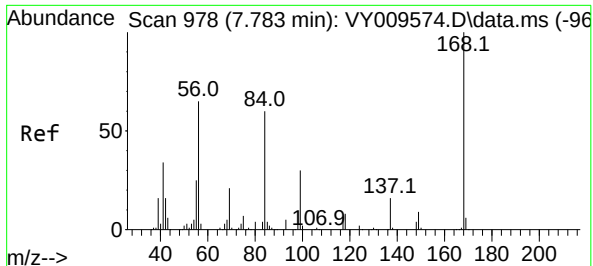
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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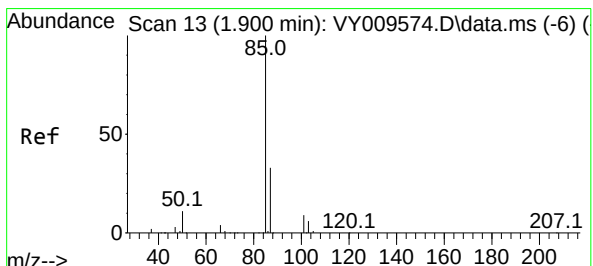
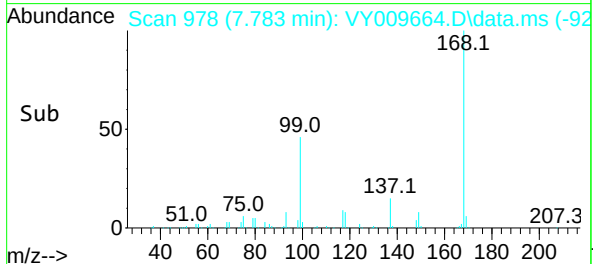
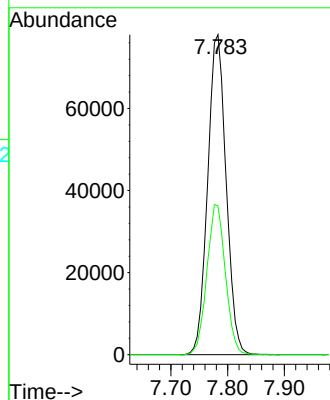
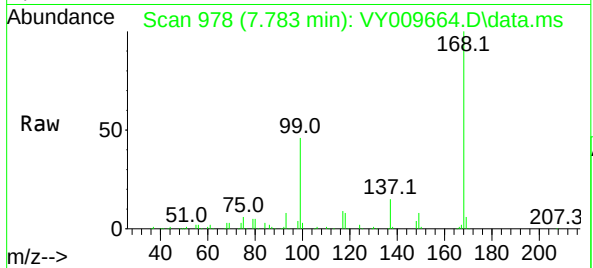




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009664.D
Acq: 22 Jul 2022 16:59

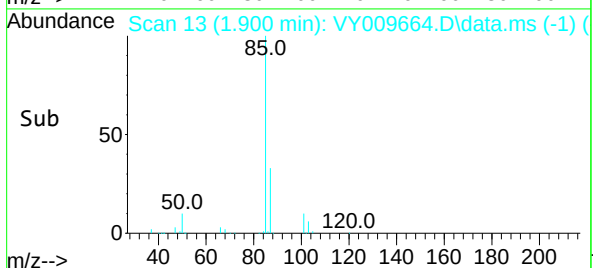
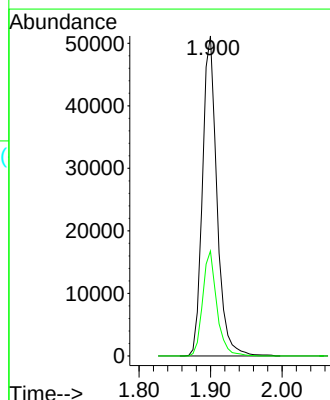
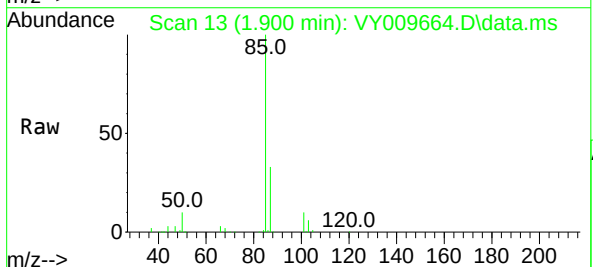
Instrument :
MSVOA_Y
ClientSampleId :
PX-1

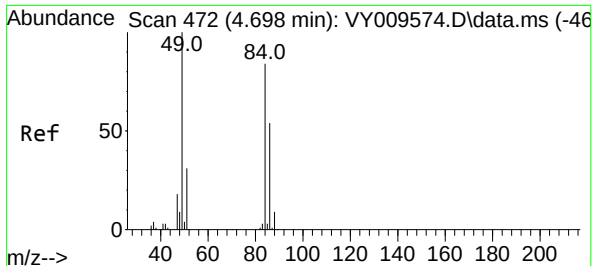
Tgt Ion:168 Resp: 176275
Ion Ratio Lower Upper
168 100
99 46.5 46.9 70.3#



#2
Dichlorodifluoromethane
Concen: 46.516 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009664.D
Acq: 22 Jul 2022 16:59

Tgt Ion: 85 Resp: 71948
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

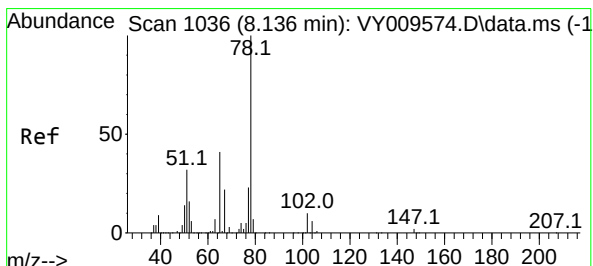
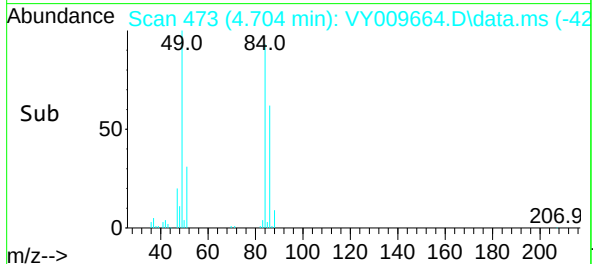
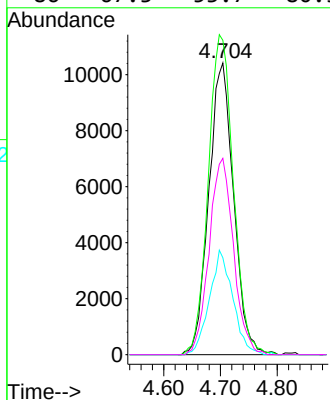
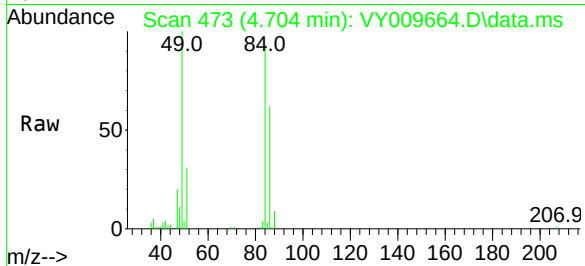




#20
Methylene Chloride
Concen: 6.326 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009664.D
Acq: 22 Jul 2022 16:59

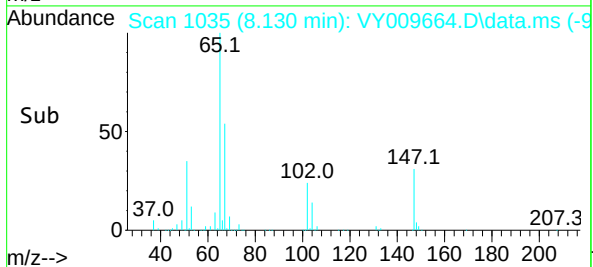
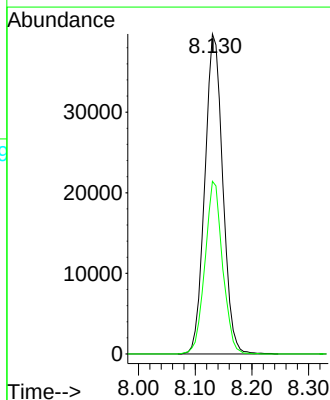
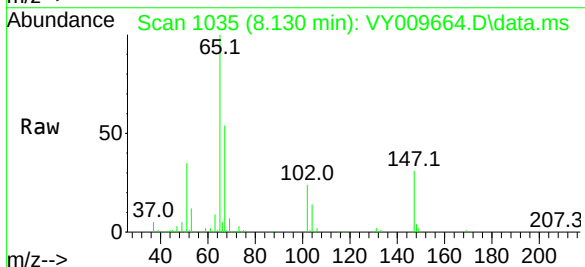
Instrument :
MSVOA_Y
ClientSampleId :
PX-1

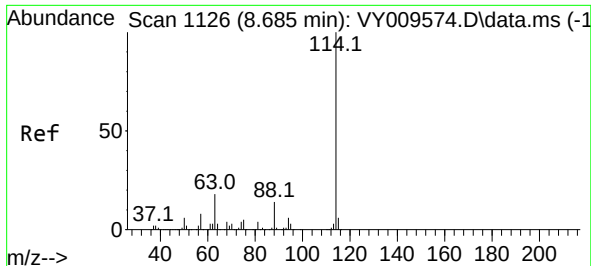
Tgt Ion: 84 Resp: 31675
Ion Ratio Lower Upper
84 100
49 107.8 114.4 171.6#
51 33.3 35.3 52.9#
86 67.3 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 52.329 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009664.D
Acq: 22 Jul 2022 16:59

Tgt Ion: 65 Resp: 87239
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: VY009664.D

Acq: 22 Jul 2022 16:59

Instrument :

MSVOA_Y

ClientSampleId :

PX-1

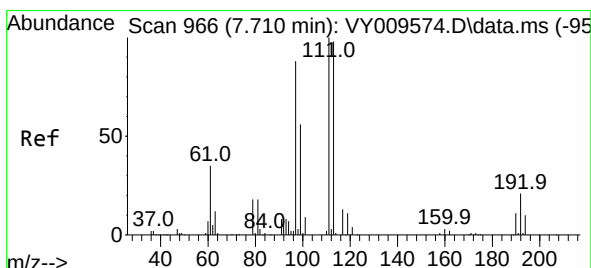
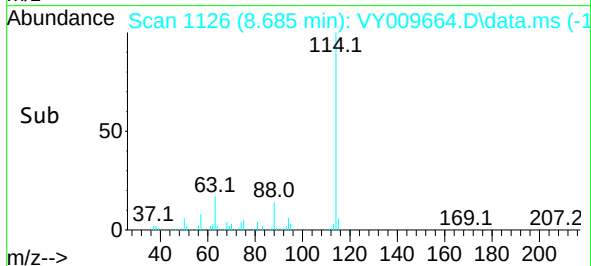
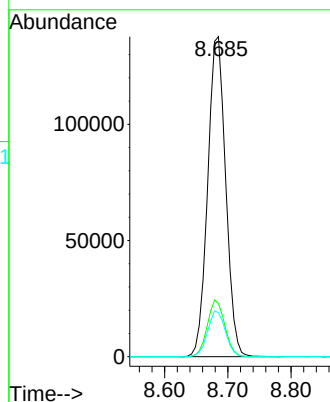
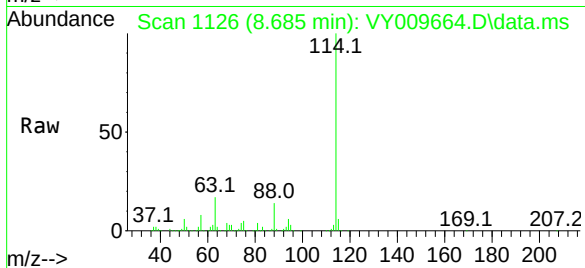
Tgt Ion:114 Resp: 272109

Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.779 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009664.D

Acq: 22 Jul 2022 16:59

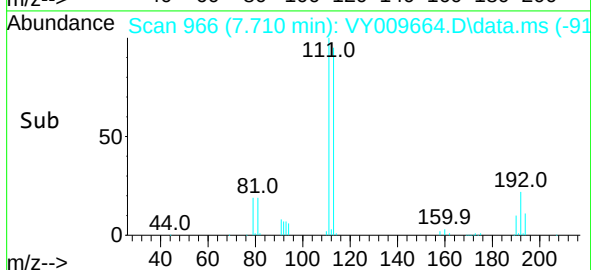
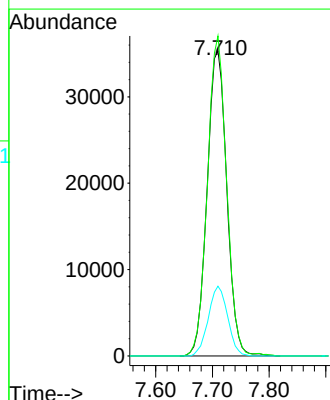
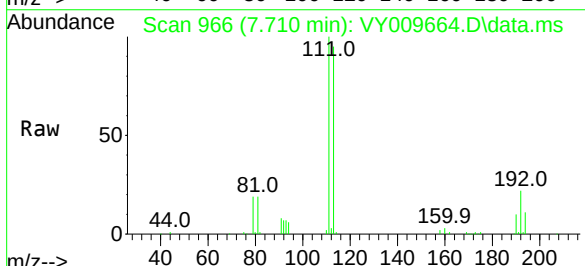
Tgt Ion:113 Resp: 85335

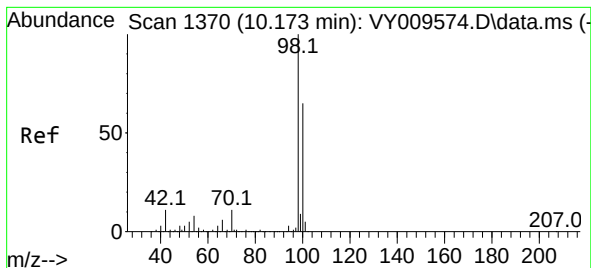
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 22.4 17.6 26.4

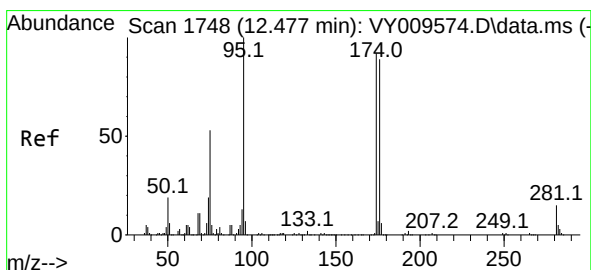
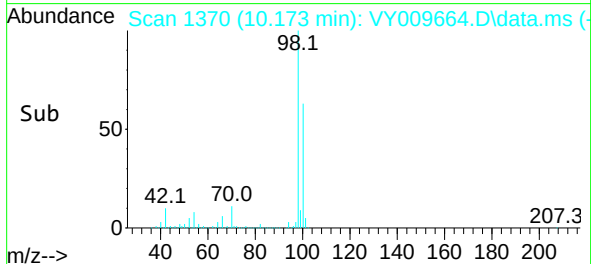
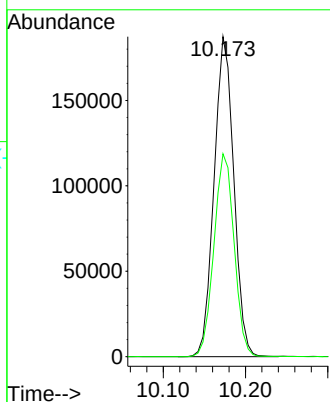
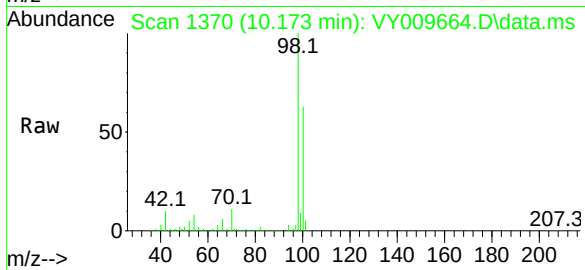




#50
Toluene-d8
Concen: 47.359 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009664.D
Acq: 22 Jul 2022 16:59

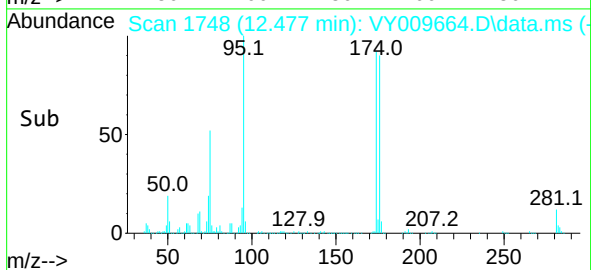
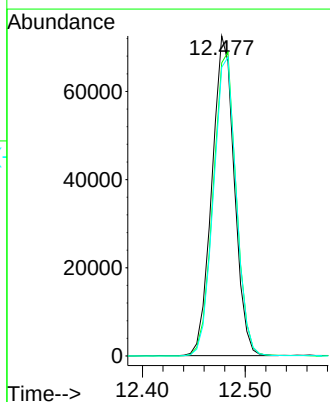
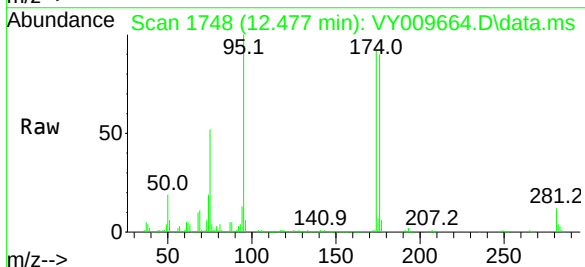
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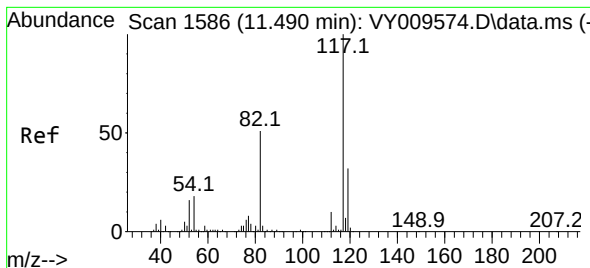
Tgt Ion: 98 Resp: 312105
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.319 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009664.D
Acq: 22 Jul 2022 16:59

Tgt Ion: 95 Resp: 109588
Ion Ratio Lower Upper
95 100
174 97.1 0.0 177.0
176 94.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY009664.D

Acq: 22 Jul 2022 16:59

Instrument :

MSVOA_Y

ClientSampleId :

PX-1

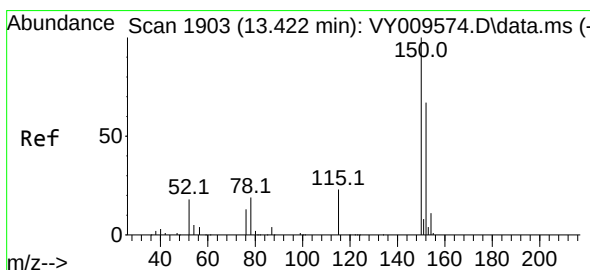
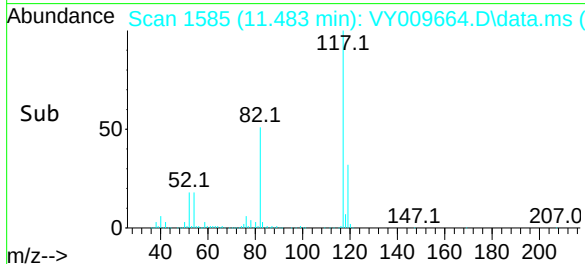
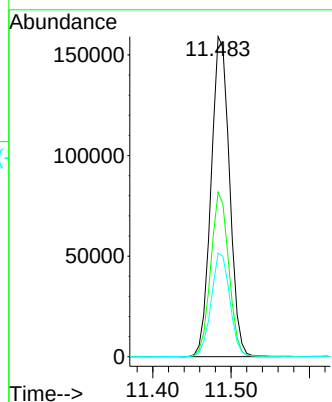
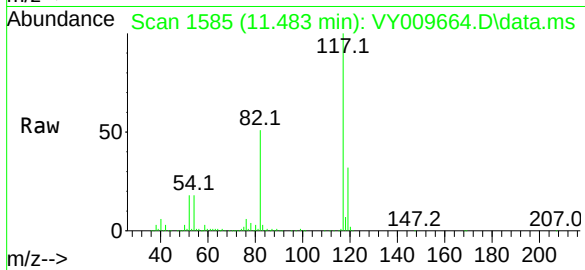
Tgt Ion:117 Resp: 260186

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: VY009664.D

Acq: 22 Jul 2022 16:59

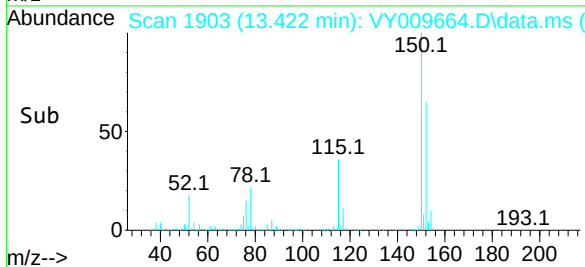
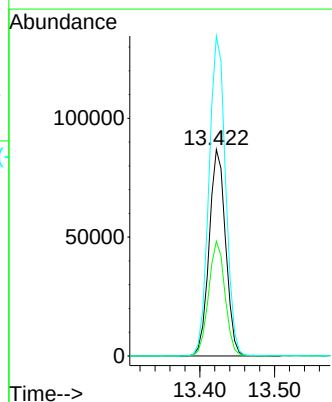
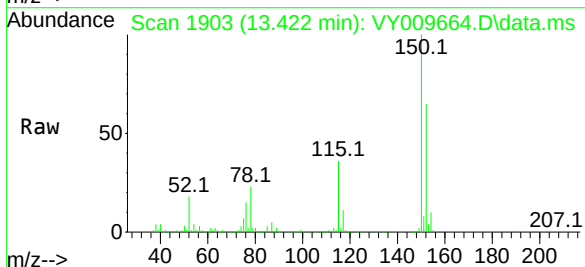
Tgt Ion:152 Resp: 132888

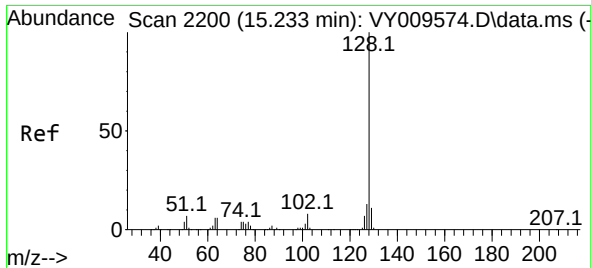
Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

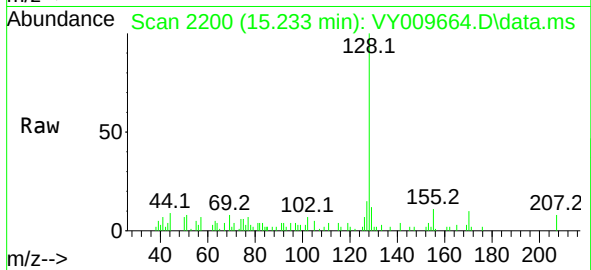
150 156.1 0.0 347.6





#95
 Naphthalene
 Concen: 1.649 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY009664.D
 Acq: 22 Jul 2022 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-1



Tgt Ion:128 Resp: 7903
 Ion Ratio Lower Upper
 128 100
 127 19.6 11.0 16.4#
 129 16.7 8.4 12.6#

