

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009654.D
 Acq On : 22 Jul 2022 13:00
 Operator : KP/MD
 Sample : N3773-18
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-3(14.5-15)

Quant Time: Jul 23 00:53:07 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)

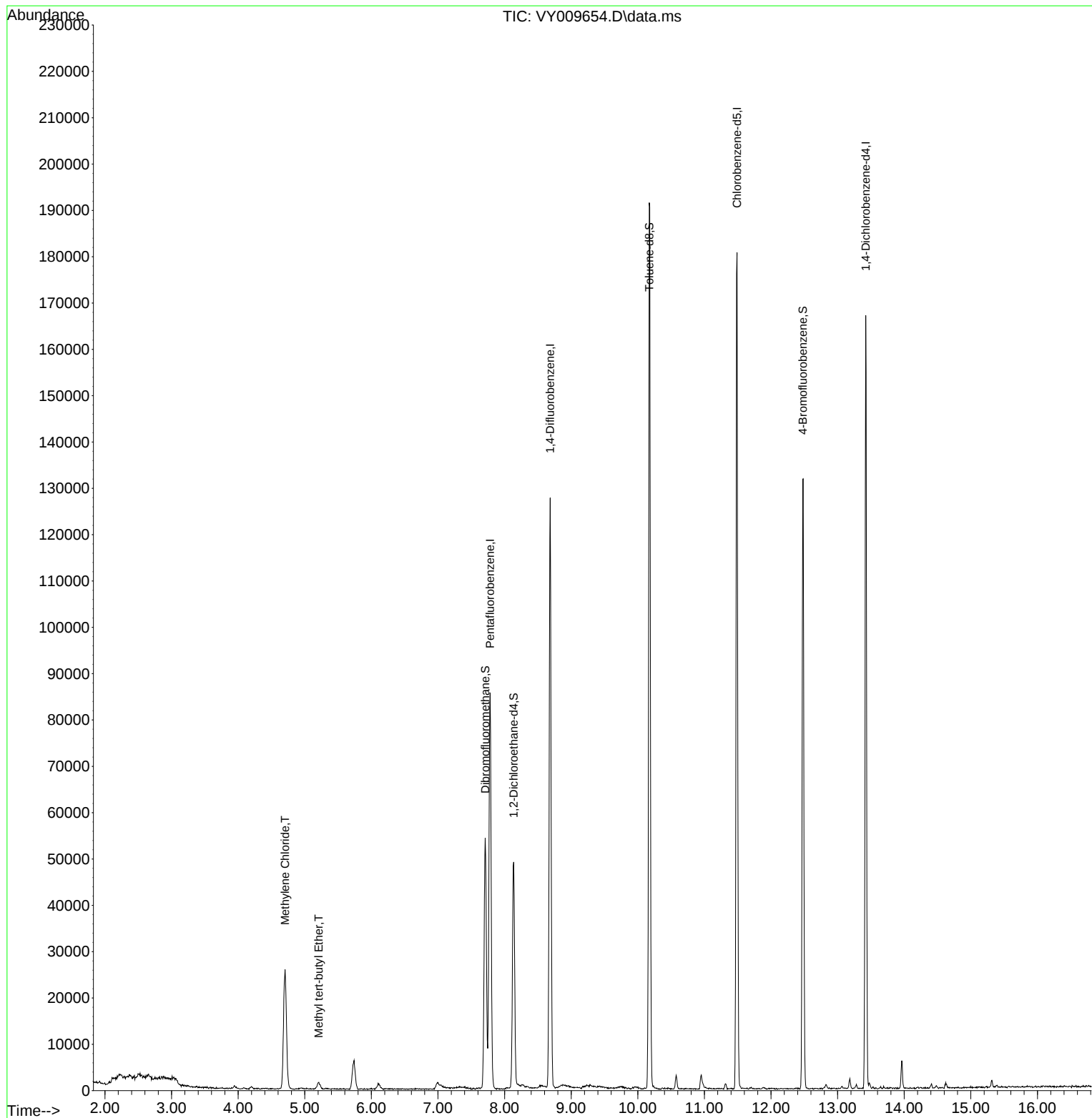
Internal Standards						
1) Pentafluorobenzene	7.783	168	70322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	111400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	106049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37989	57.120	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.240%
35) Dibromofluoromethane	7.710	113	38464	54.806	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.620%
50) Toluene-d8	10.173	98	130304	48.297	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	96.600%
62) 4-Bromofluorobenzene	12.477	95	36614	41.881	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	83.760%
Target Compounds						Qvalue
19) Methyl tert-butyl Ether	5.210	73	2465	1.446	ug/l	97
20) Methylene Chloride	4.704	84	20366	17.789	ug/l	86

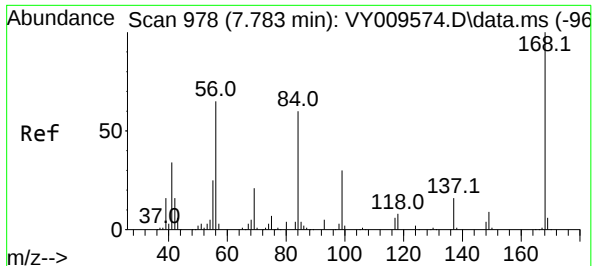
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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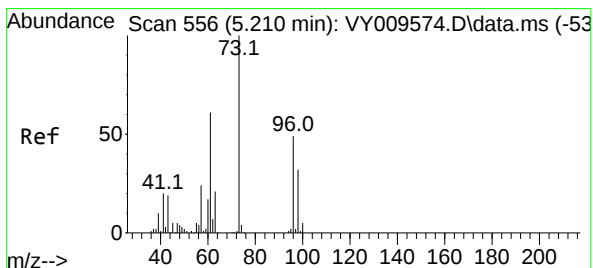
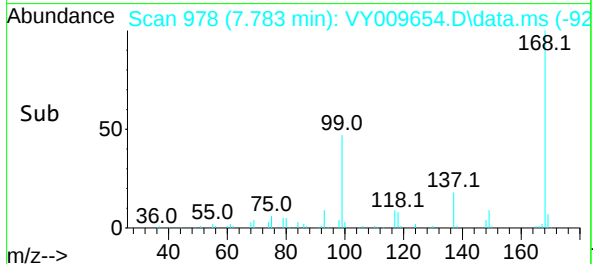
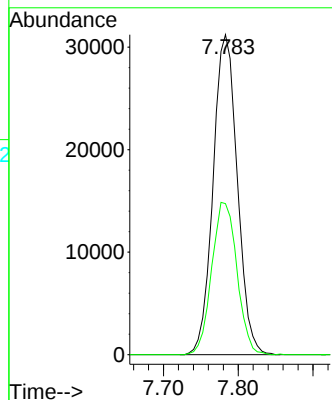
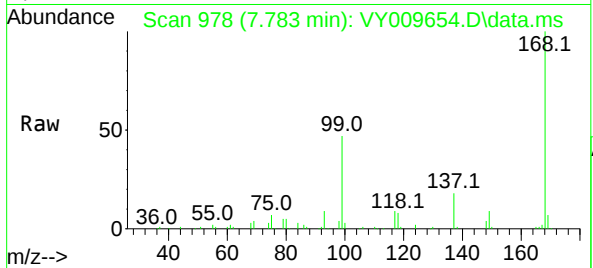




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

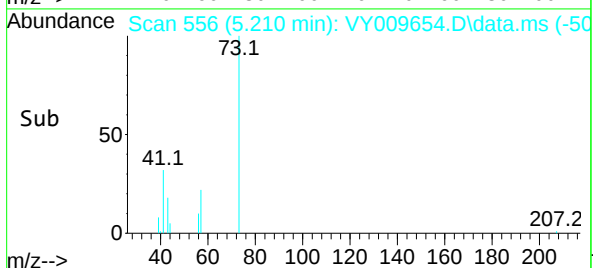
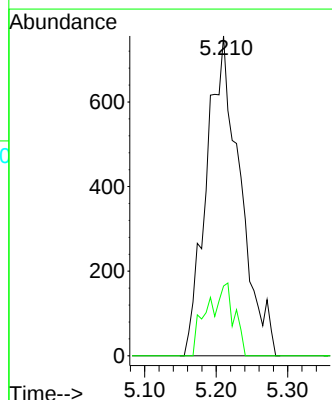
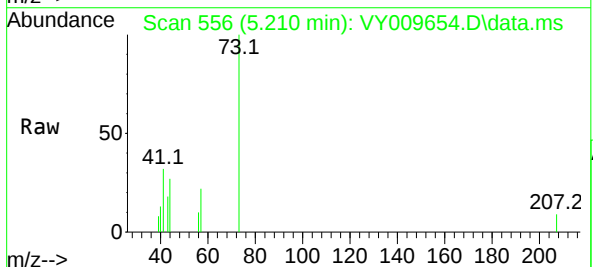
Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)

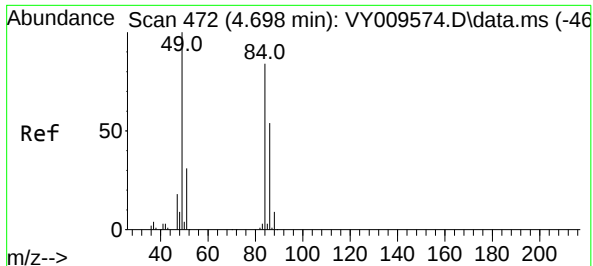
Tgt Ion:168 Resp: 70322
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#19
Methyl tert-butyl Ether
Concen: 1.446 ug/l
RT: 5.210 min Scan# 556
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

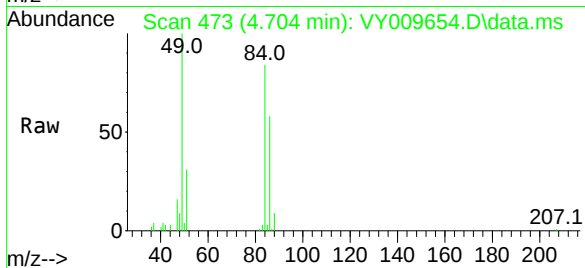
Tgt Ion: 73 Resp: 2465
Ion Ratio Lower Upper
73 100
57 21.8 18.6 27.8



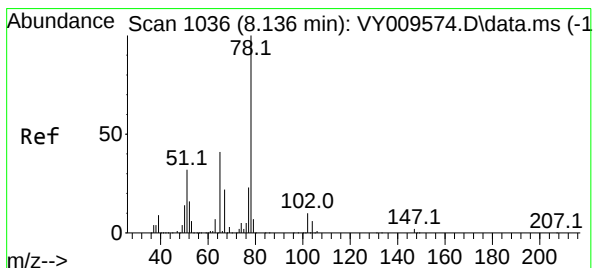
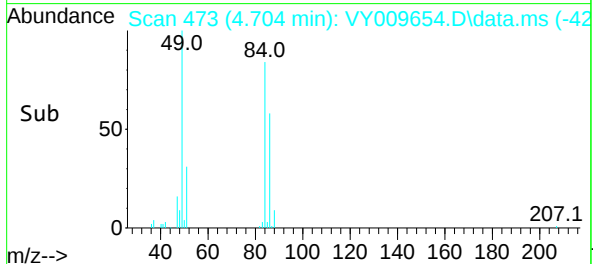
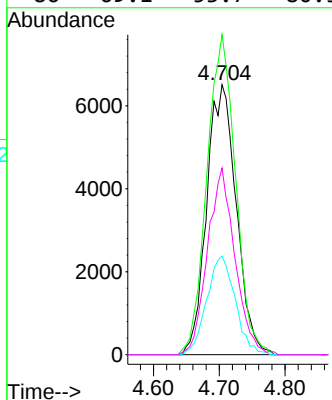


#20
Methylene Chloride
Concen: 17.789 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)

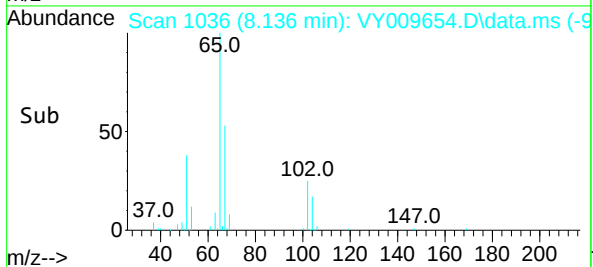
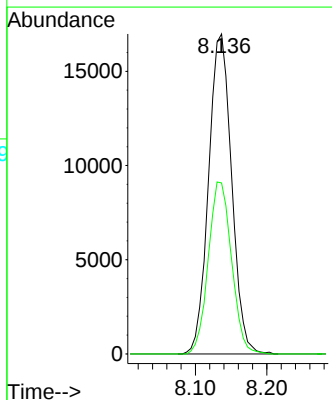
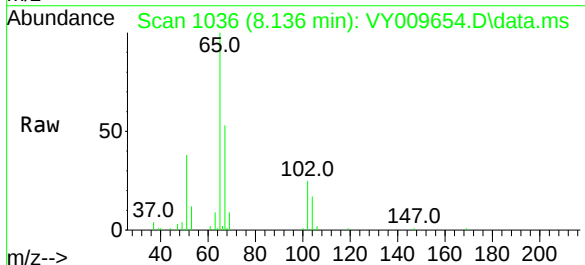


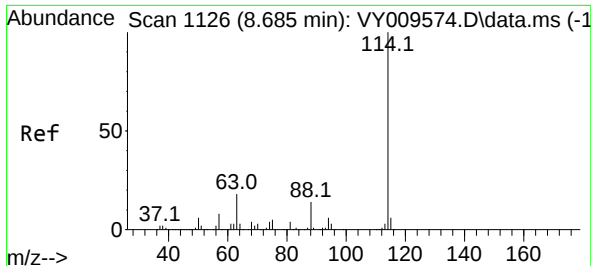
Tgt Ion:	84	Resp:	20366
Ion	Ratio	Lower	Upper
84	100		
49	118.6	114.4	171.6
51	36.6	35.3	52.9
86	69.1	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 57.120 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

Tgt Ion:	65	Resp:	37989
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1114

Delta R.T. -0.000 min

Lab File: VY009654.D

Acq: 22 Jul 2022 13:00

Instrument :

MSVOA_Y

ClientSampleId :

DL-3(14.5-15)

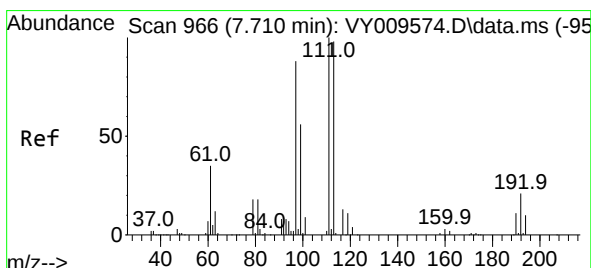
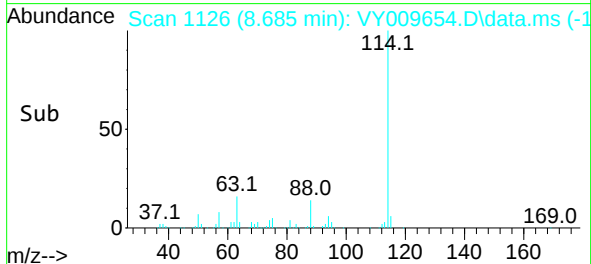
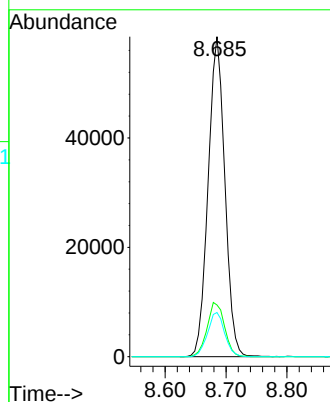
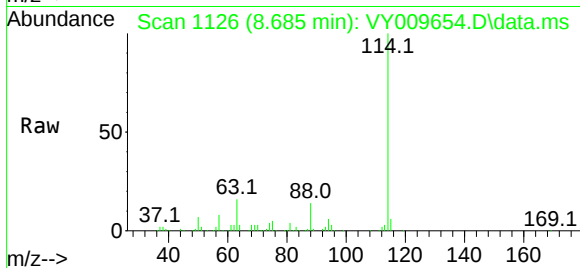
Tgt Ion:114 Resp: 111400

Ion Ratio Lower Upper

114 100

63 16.1 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.806 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009654.D

Acq: 22 Jul 2022 13:00

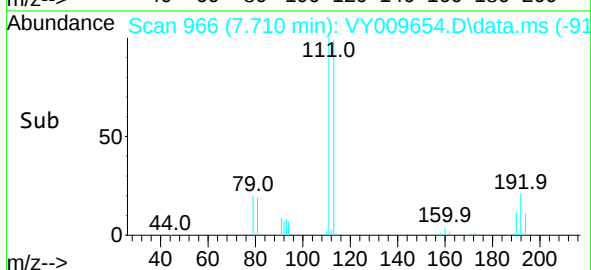
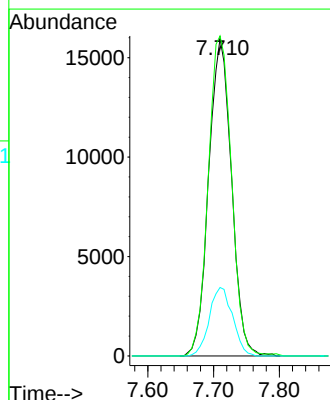
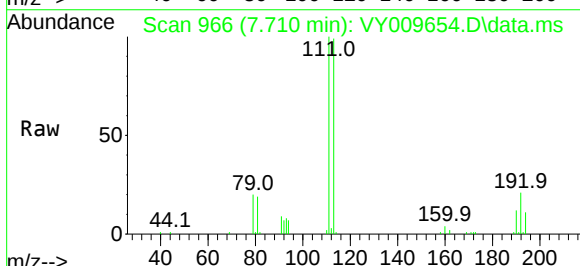
Tgt Ion:113 Resp: 38464

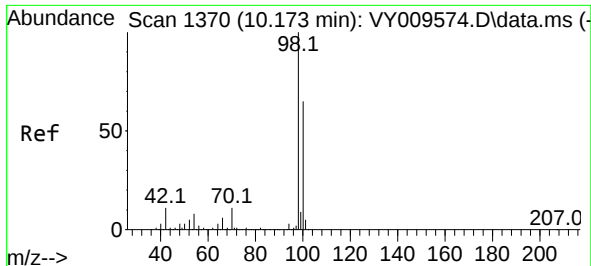
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 22.1 17.6 26.4

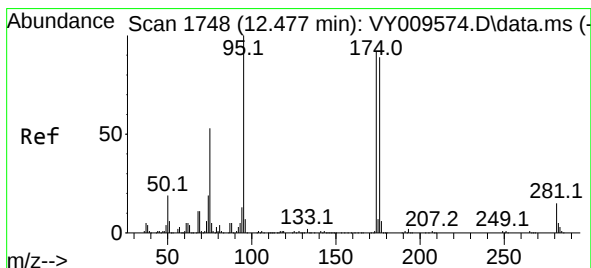
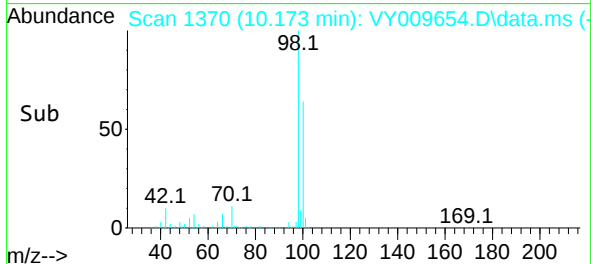
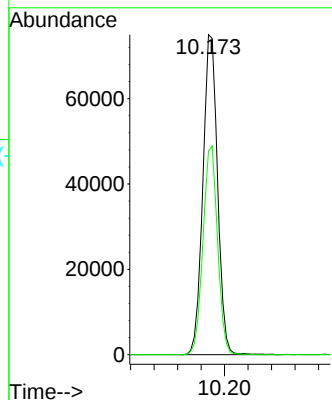
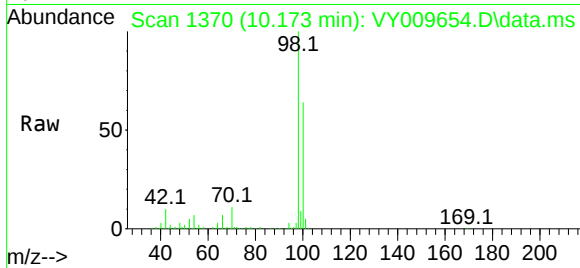




#50
Toluene-d8
Concen: 48.297 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

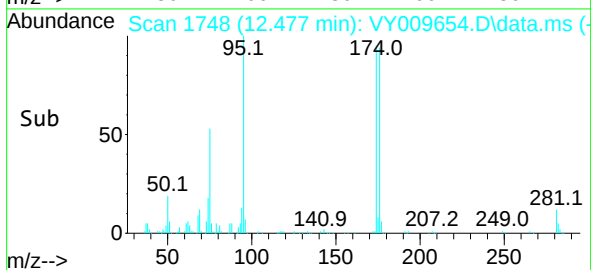
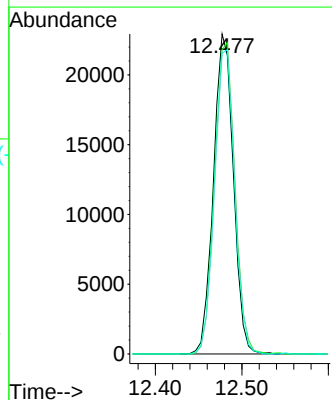
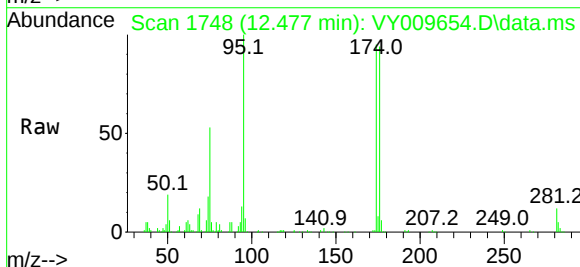
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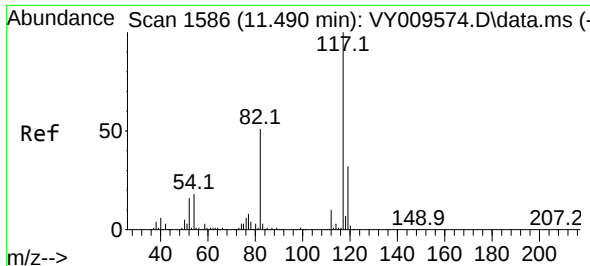
Tgt Ion: 98 Resp: 130304
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.881 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

Tgt Ion: 95 Resp: 36614
Ion Ratio Lower Upper
95 100
174 99.6 0.0 177.0
176 96.1 0.0 175.8

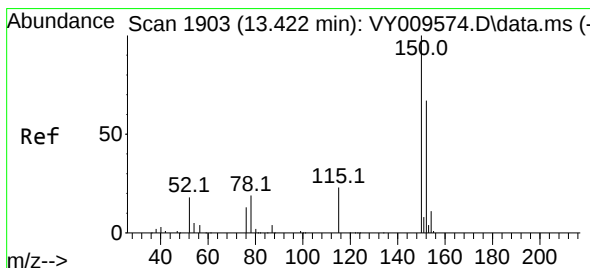
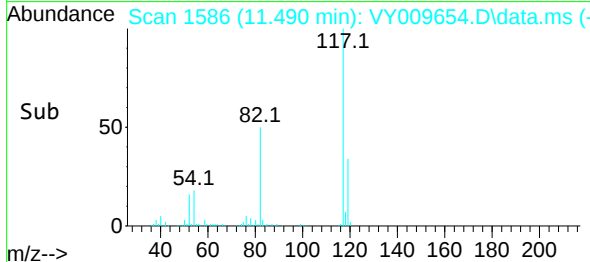
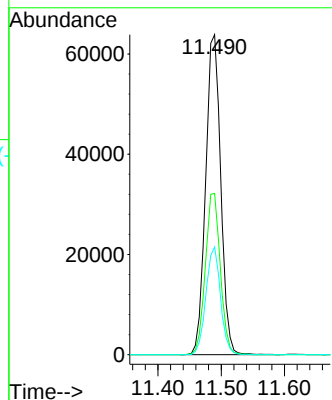
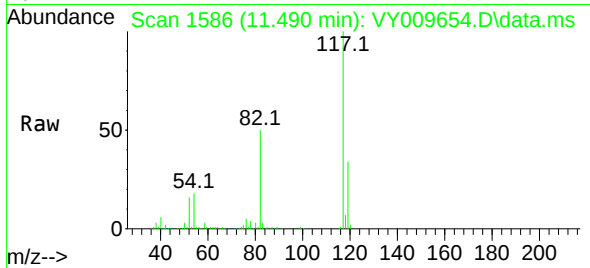




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009654.D
Acq: 22 Jul 2022 13:00

Instrument :
MSVOA_Y
ClientSampleId :
DL-3(14.5-15)

Tgt Ion:117 Resp: 106049
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 33.6 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: VY009654.D
Acq: 22 Jul 2022 13:00

Tgt Ion:152 Resp: 44835
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 156.8 0.0 347.6

