

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072222\
 Data File : VY009653.D
 Acq On : 22 Jul 2022 12:37
 Operator : KP/MD
 Sample : N3773-11
 Misc : 4.56g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DL-1(7-7.5)

Quant Time: Jul 23 00:52:57 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)

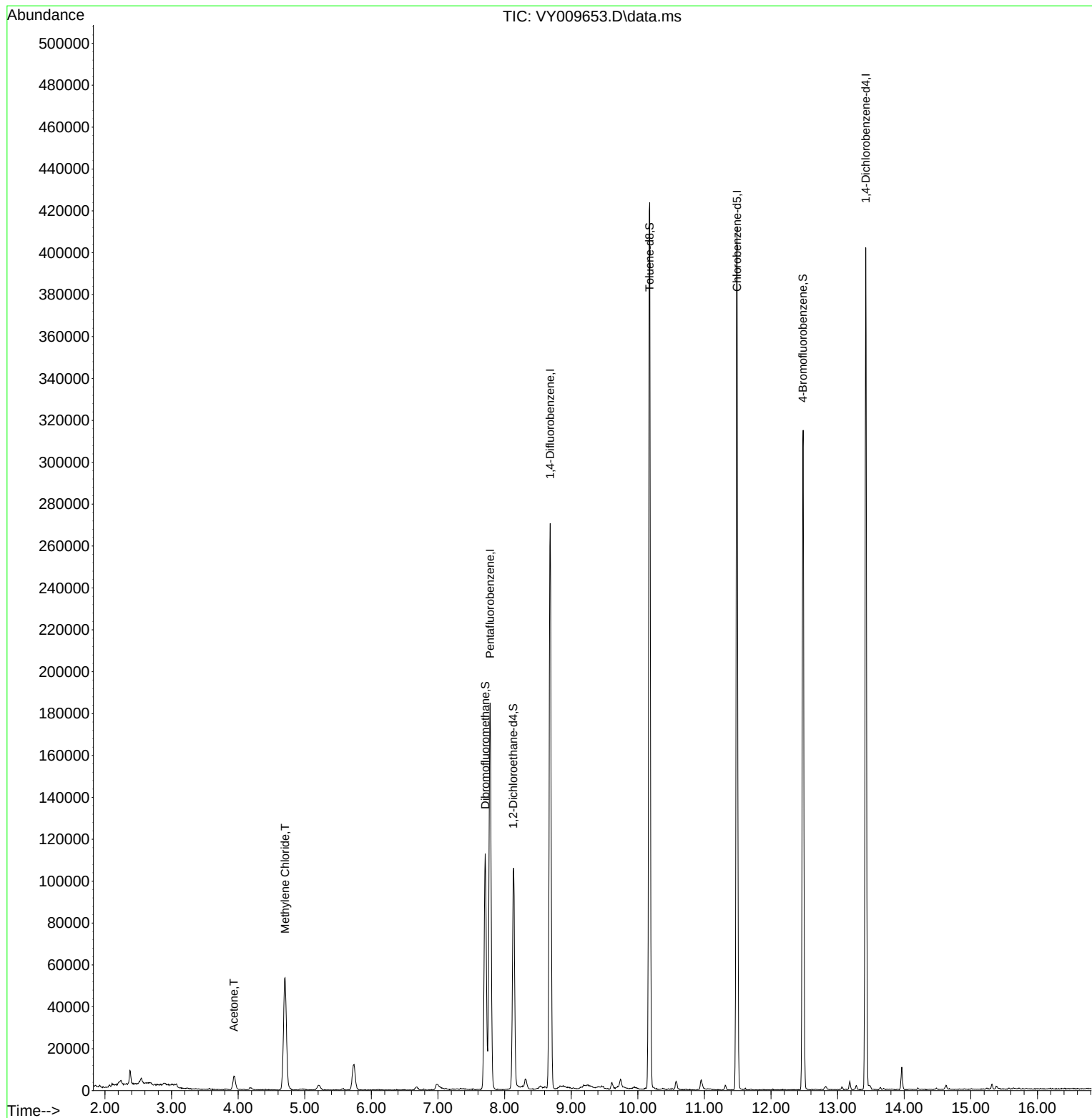
Internal Standards						
1) Pentafluorobenzene	7.783	168	152420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	245025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	231910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	80755	56.021	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.040%
35) Dibromofluoromethane	7.710	113	78923	51.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.260%
50) Toluene-d8	10.179	98	286579	48.292	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.477	95	87844	45.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	91.360%
Target Compounds						
16) Acetone	3.936	43	11303	30.996	ug/l	99
20) Methylene Chloride	4.704	84	41455	15.950	ug/l #	82

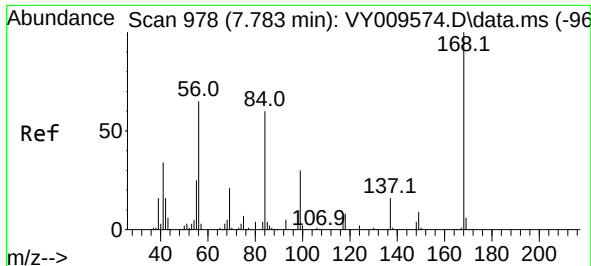
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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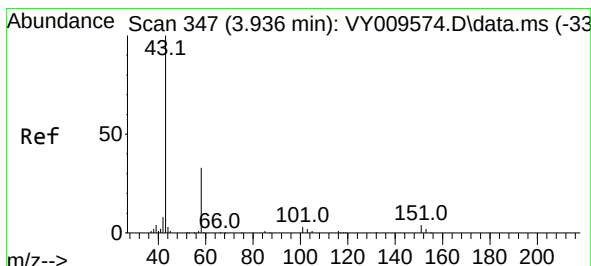
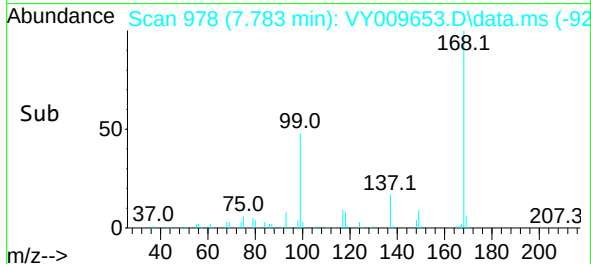
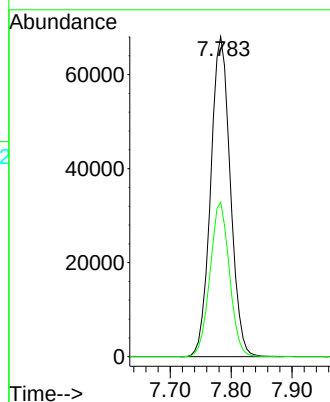
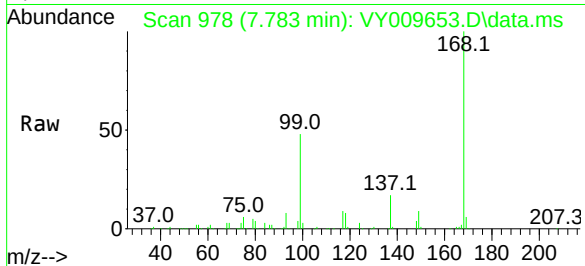




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

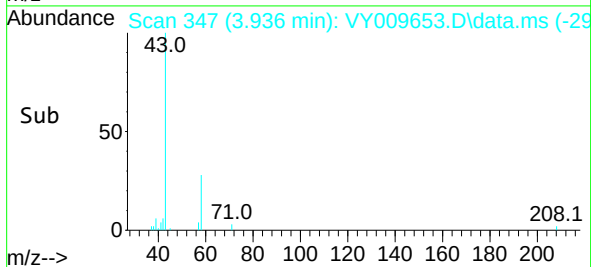
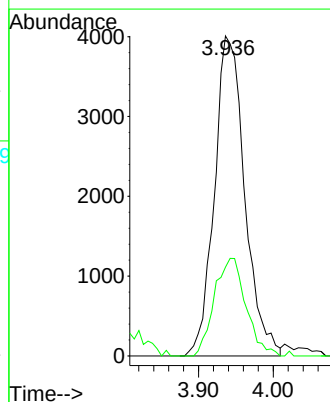
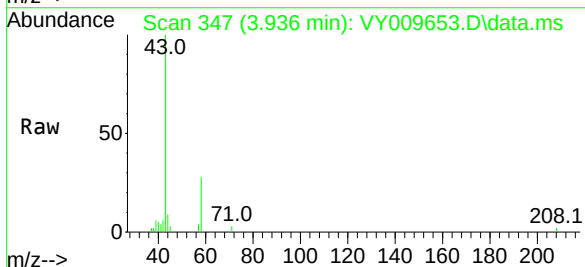
Instrument :
MSVOA_Y
ClientSampleId :
DL-1(7-7.5)

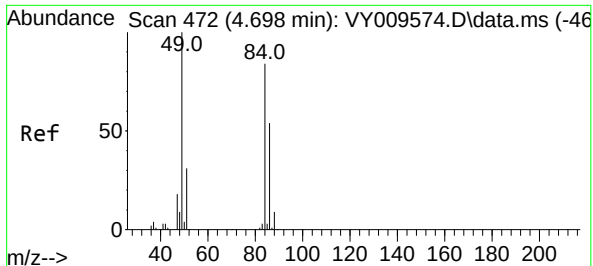
Tgt Ion:168 Resp: 152420
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#16
Acetone
Concen: 30.996 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

Tgt Ion: 43 Resp: 11303
Ion Ratio Lower Upper
43 100
58 27.8 22.0 33.0





#20

Methylene Chloride

Concen: 15.950 ug/l

RT: 4.704 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY009653.D

Acq: 22 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

DL-1(7-7.5)

Tgt Ion: 84 Resp: 41455

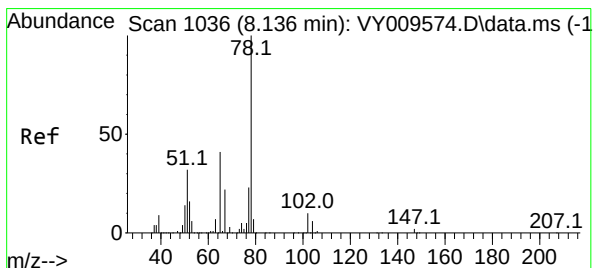
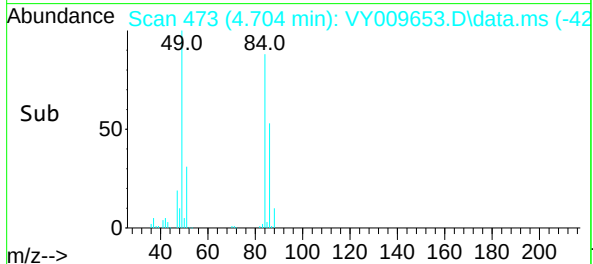
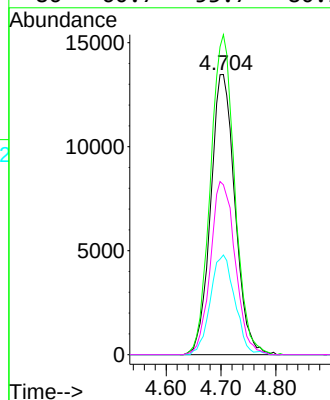
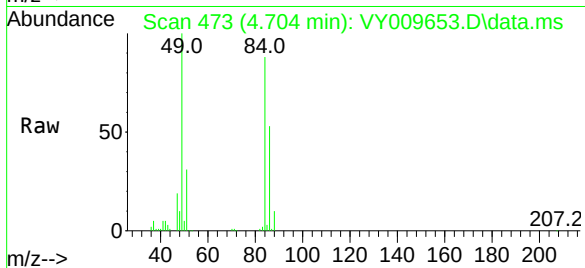
Ion Ratio Lower Upper

84 100

49 114.2 114.4 171.6#

51 35.6 35.3 52.9

86 60.7 53.7 80.5



#33

1,2-Dichloroethane-d4

Concen: 56.021 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY009653.D

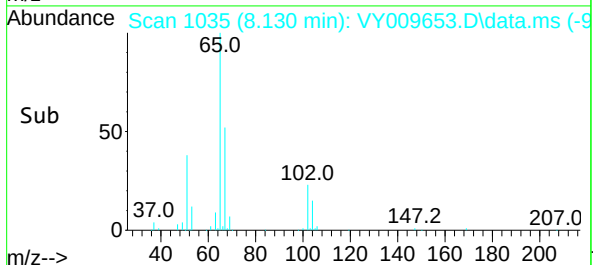
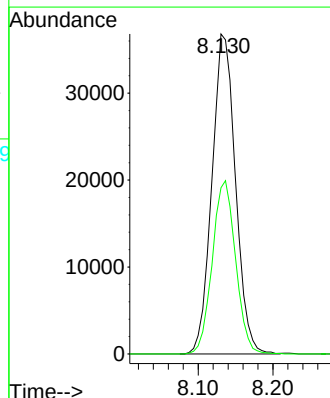
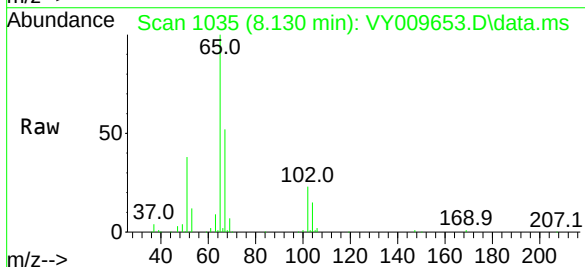
Acq: 22 Jul 2022 12:37

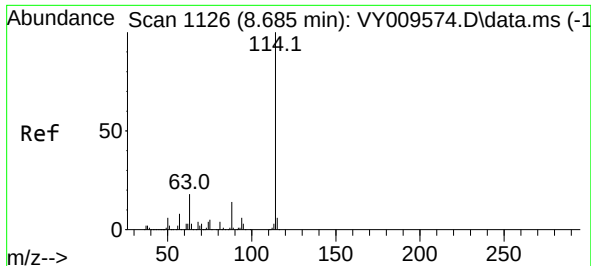
Tgt Ion: 65 Resp: 80755

Ion Ratio Lower Upper

65 100

67 53.6 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: VY009653.D

Acq: 22 Jul 2022 12:37

Instrument :

MSVOA_Y

ClientSampleId :

DL-1(7-7.5)

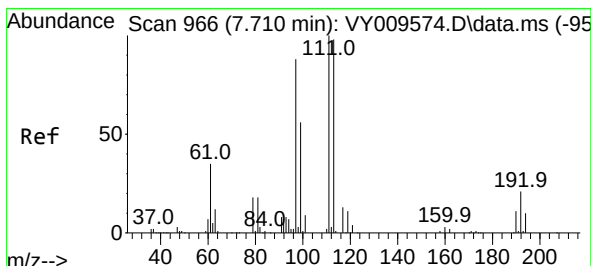
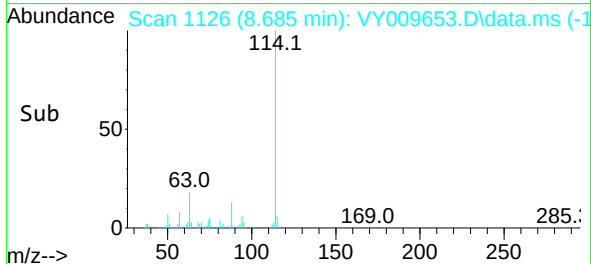
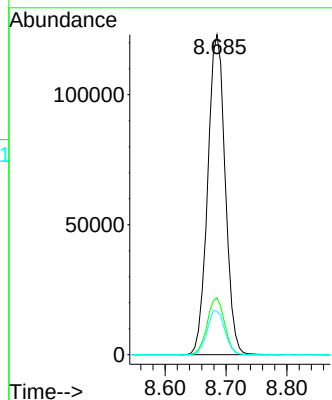
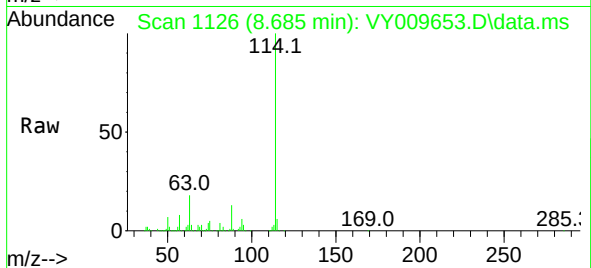
Tgt Ion:114 Resp: 245025

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.128 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009653.D

Acq: 22 Jul 2022 12:37

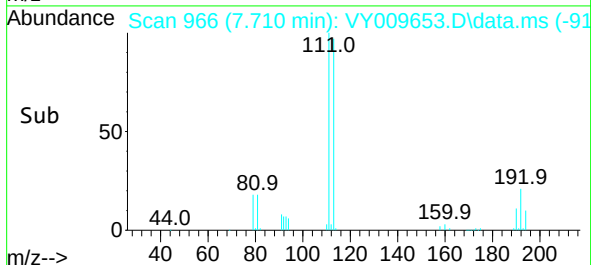
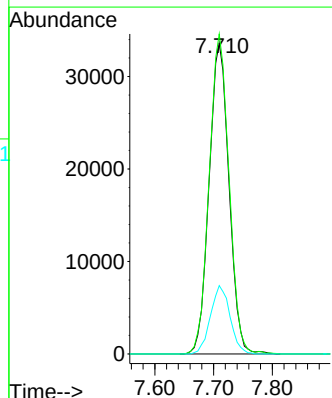
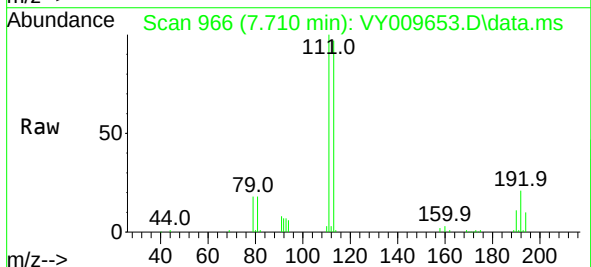
Tgt Ion:113 Resp: 78923

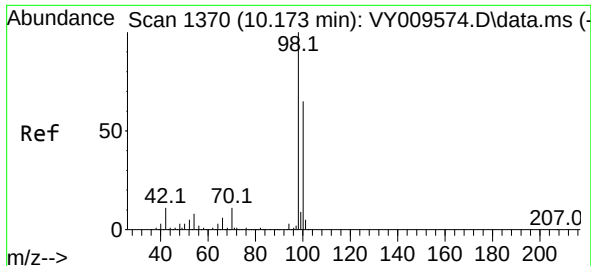
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 21.7 17.6 26.4

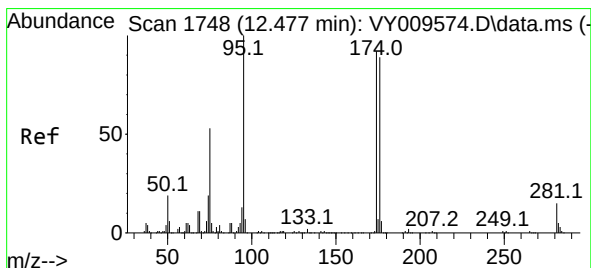
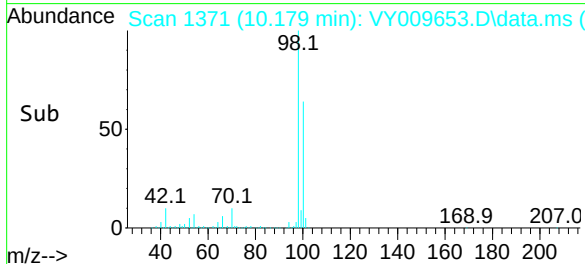
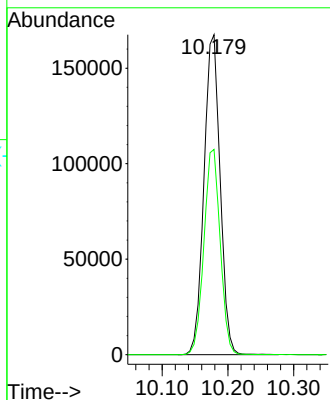
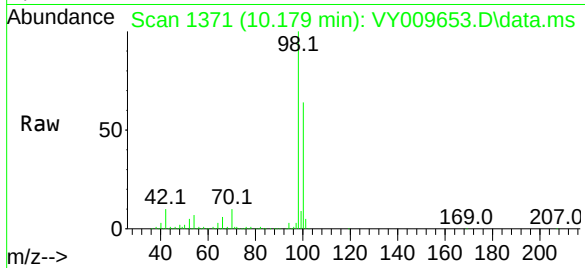




#50
Toluene-d8
Concen: 48.292 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

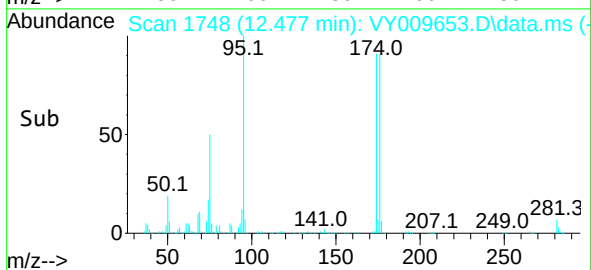
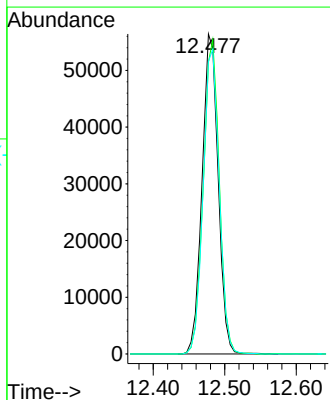
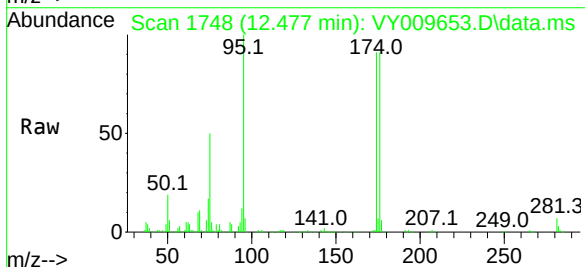
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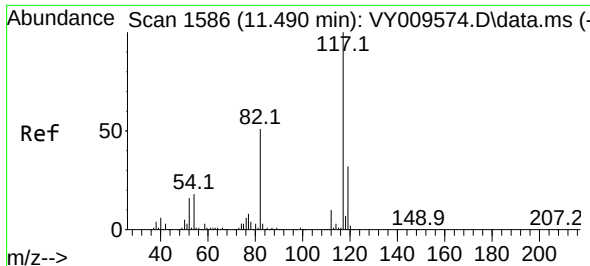
Tgt Ion: 98 Resp: 286579
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.684 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

Tgt Ion: 95 Resp: 87844
Ion Ratio Lower Upper
95 100
174 97.7 0.0 177.0
176 95.6 0.0 175.8

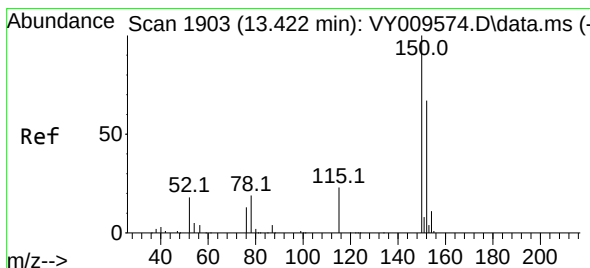
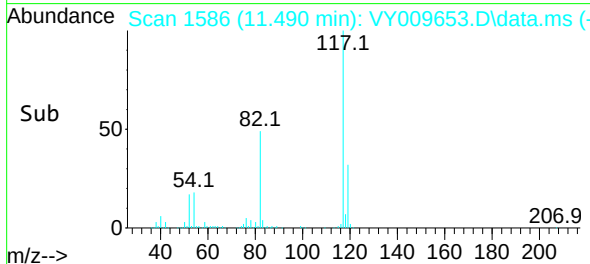
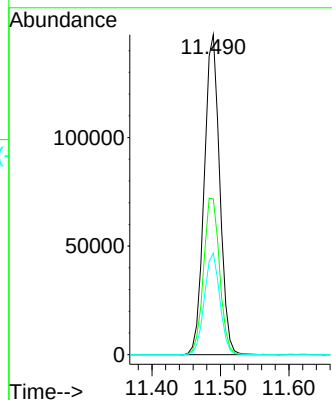
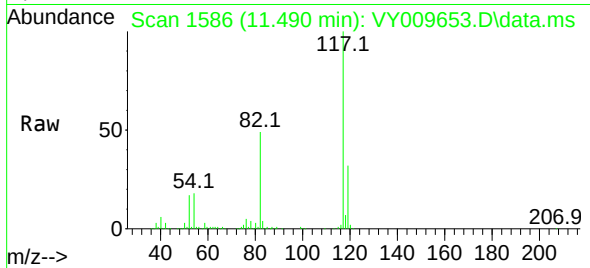




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009653.D
Acq: 22 Jul 2022 12:37

Instrument :
MSVOA_Y
ClientSampleId :
DL-1(7-7.5)

Tgt Ion:117 Resp: 231910
Ion Ratio Lower Upper
117 100
82 48.7 43.0 64.4
119 31.7 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: VY009653.D
Acq: 22 Jul 2022 12:37

Tgt Ion:152 Resp: 107529
Ion Ratio Lower Upper
152 100
115 53.4 28.2 84.7
150 155.0 0.0 347.6

