

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010288.D
 Acq On : 02 Sep 2022 18:51
 Operator : KP/MD
 Sample : N4464-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Sep 02 22:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

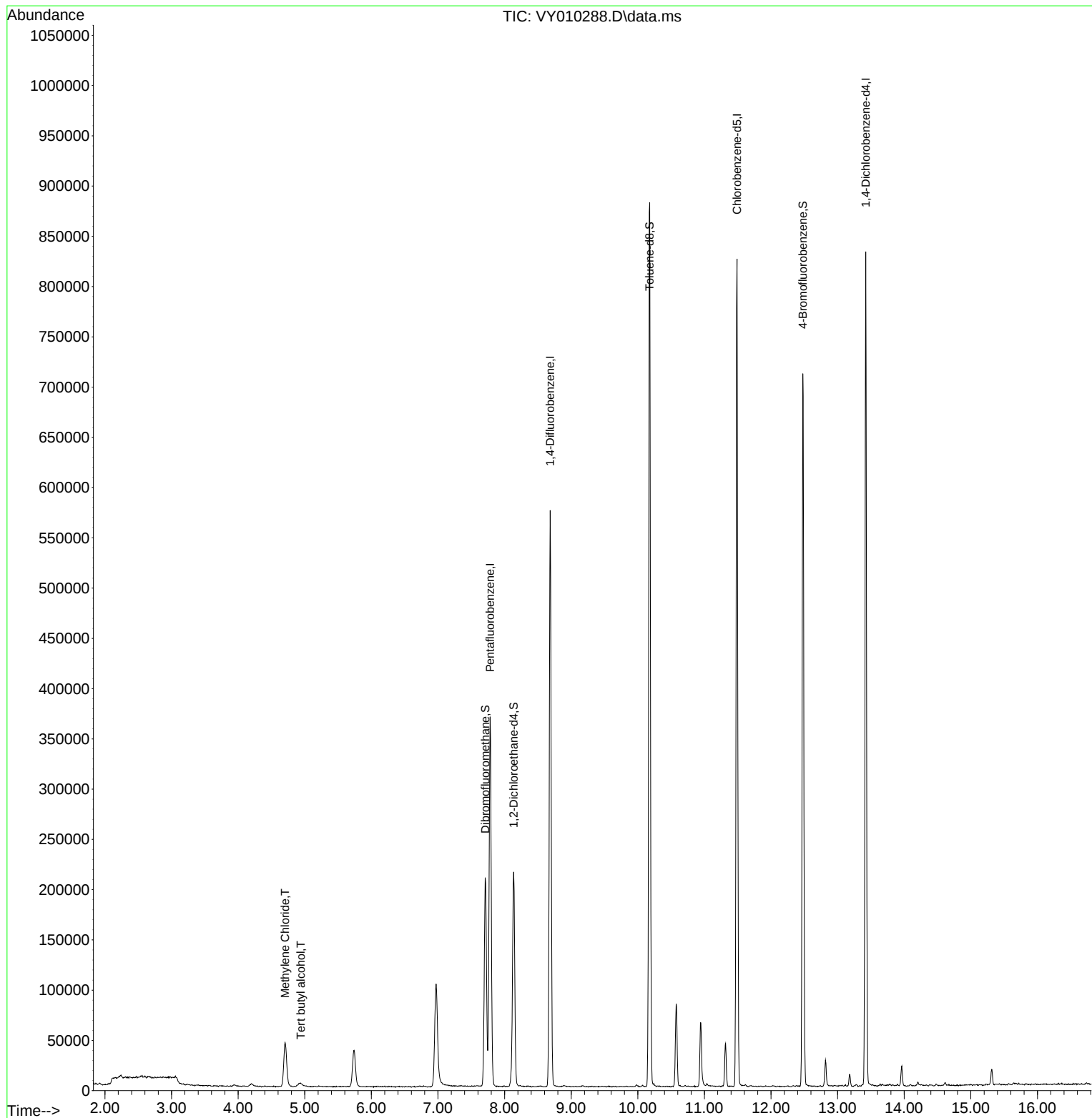
Internal Standards						
1) Pentafluorobenzene	7.783	168	287331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	494101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	460313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	209894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	165527	56.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.360%
35) Dibromofluoromethane	7.710	113	149971	45.593	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.180%
50) Toluene-d8	10.179	98	586060	53.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.440%
62) 4-Bromofluorobenzene	12.477	95	208103	46.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	5763	16.350	ug/l #	80
20) Methylene Chloride	4.704	84	32944	9.269	ug/l	84

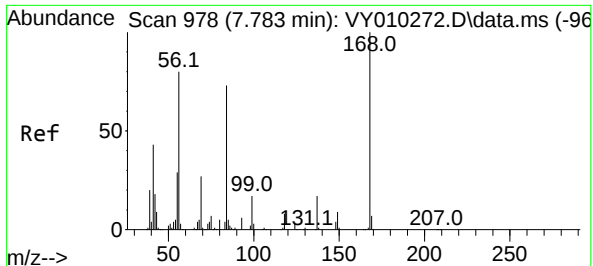
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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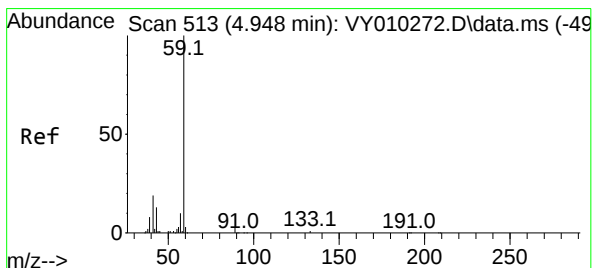
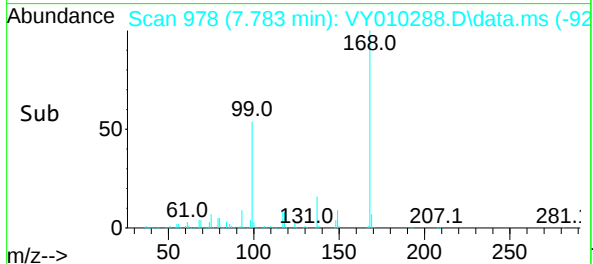
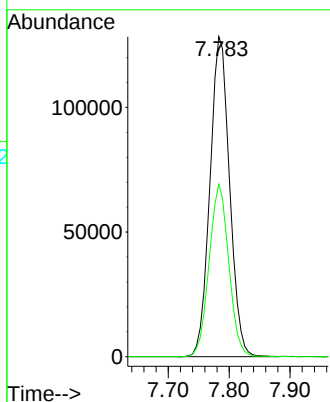
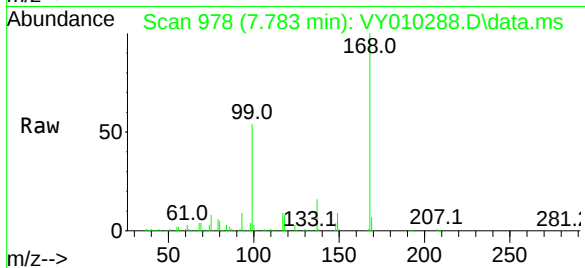




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

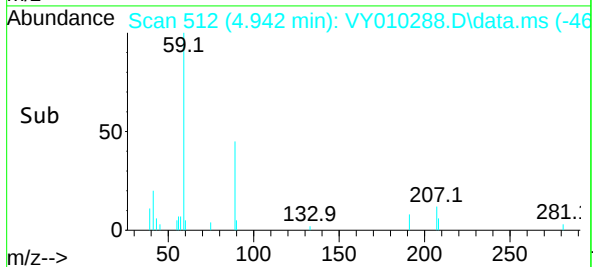
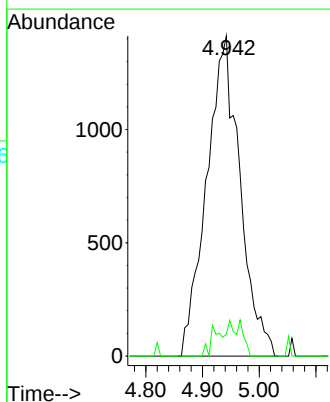
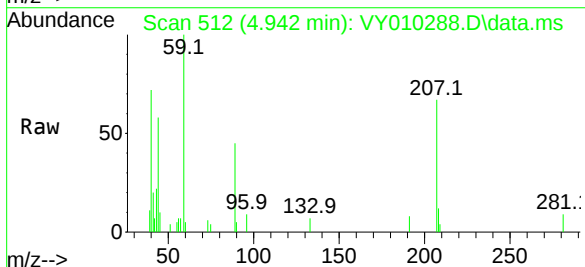
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

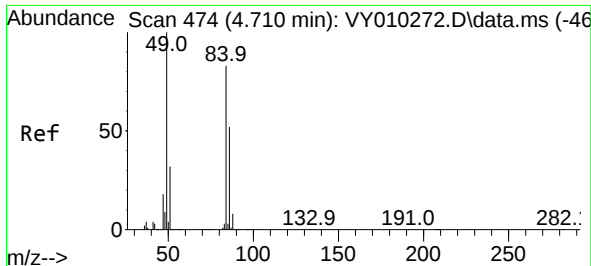
Tgt Ion:168 Resp: 287331
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 16.350 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

Tgt Ion: 59 Resp: 5763
Ion Ratio Lower Upper
59 100
57 1.1 6.4 9.6#



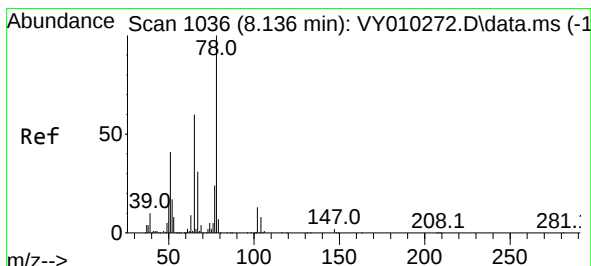
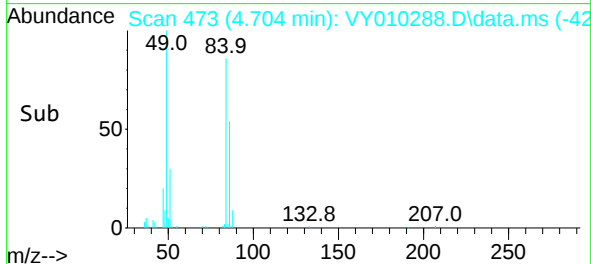
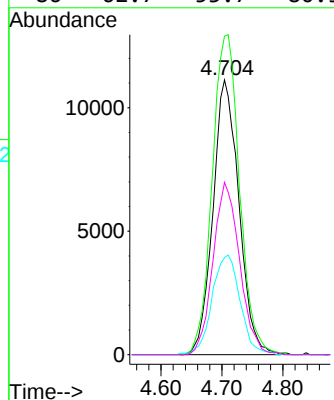
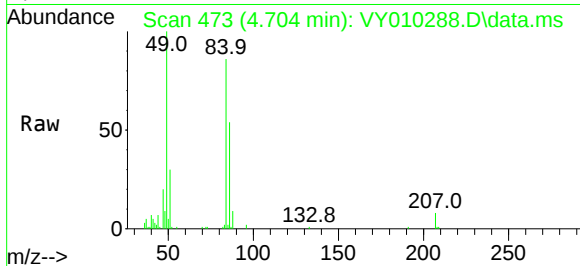


#20
Methylene Chloride
Concen: 9.269 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion: 84 Resp: 32944

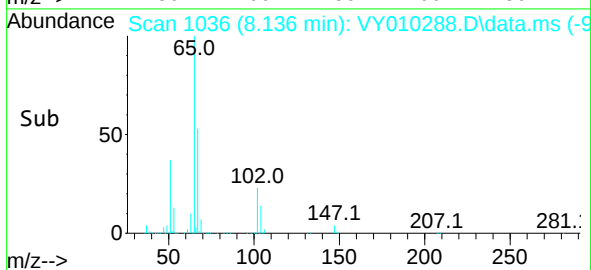
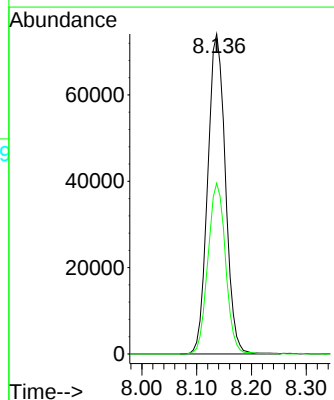
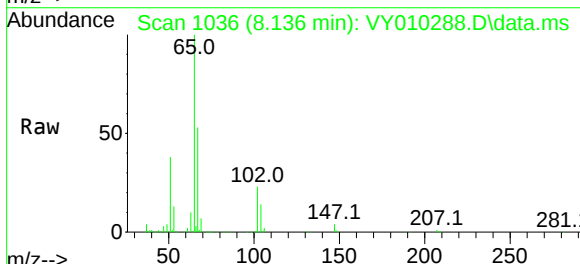
Ion	Ratio	Lower	Upper
84	100		
49	115.9	114.4	171.6
51	35.3	35.3	52.9
86	62.7	53.7	80.5

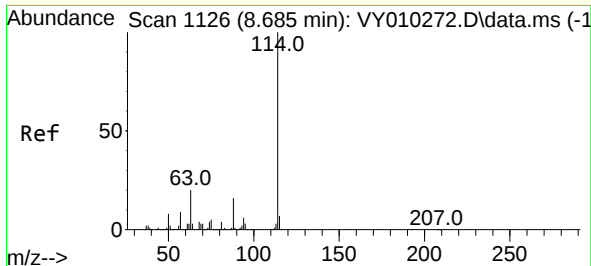


#33
1,2-Dichloroethane-d4
Concen: 56.182 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

Tgt Ion: 65 Resp: 165527

Ion	Ratio	Lower	Upper
65	100		
67	53.2	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: VY010288.D

Acq: 02 Sep 2022 18:51

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

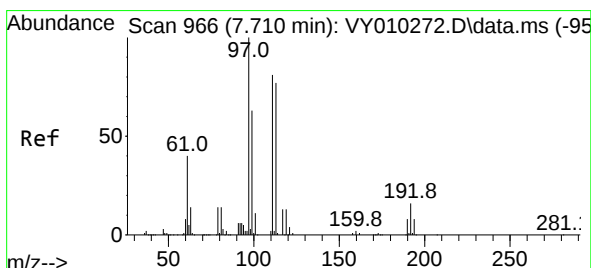
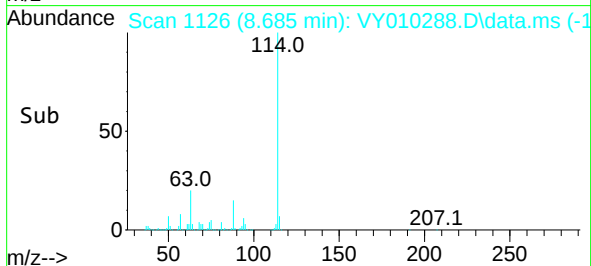
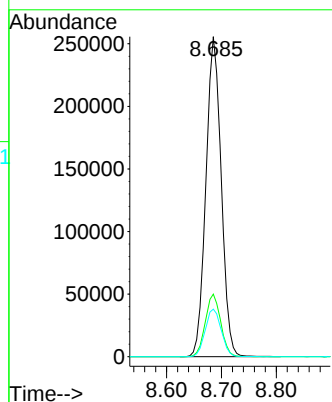
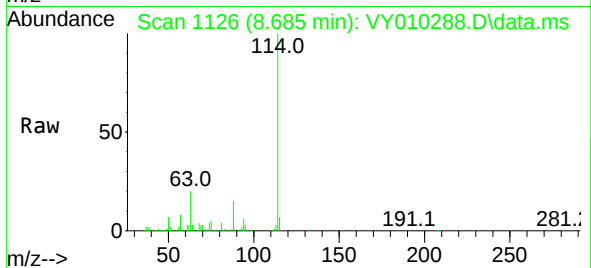
Tgt Ion:114 Resp: 494101

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.593 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010288.D

Acq: 02 Sep 2022 18:51

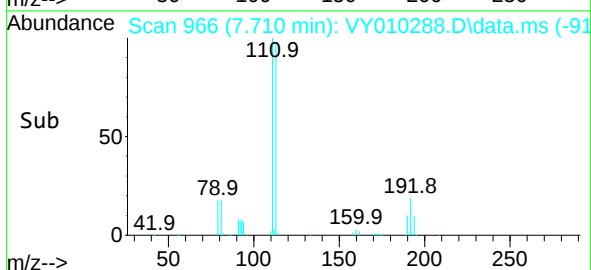
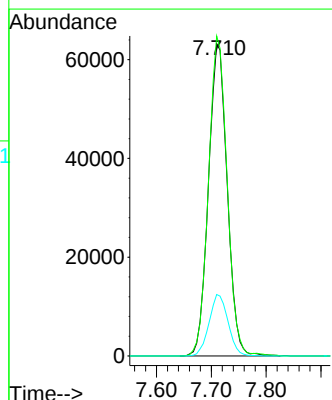
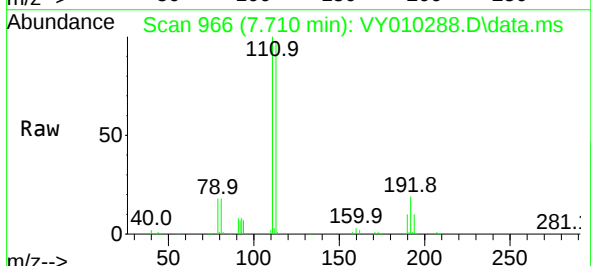
Tgt Ion:113 Resp: 149971

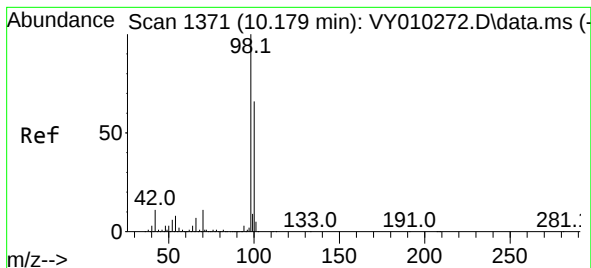
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 20.0 17.6 26.4

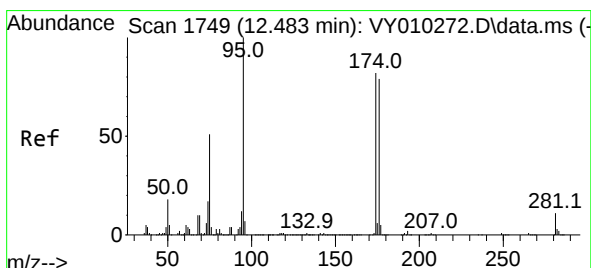
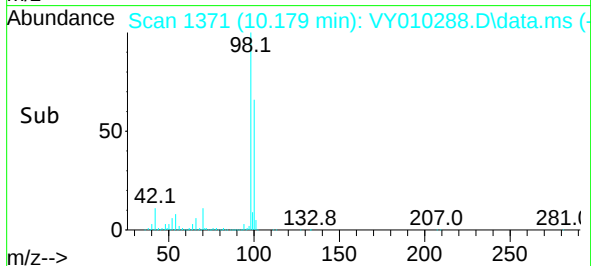
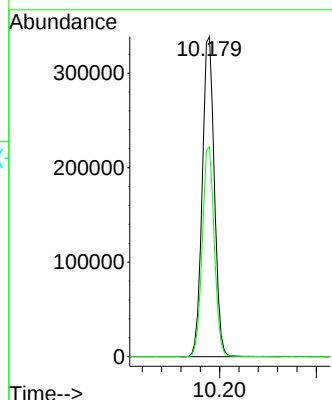
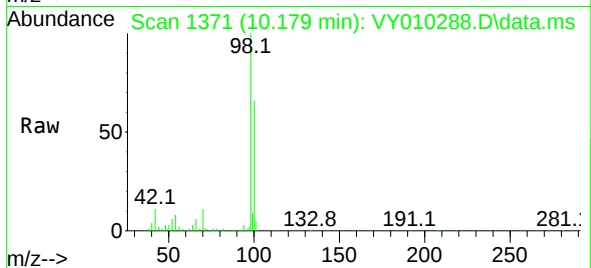




#50
Toluene-d8
Concen: 53.217 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

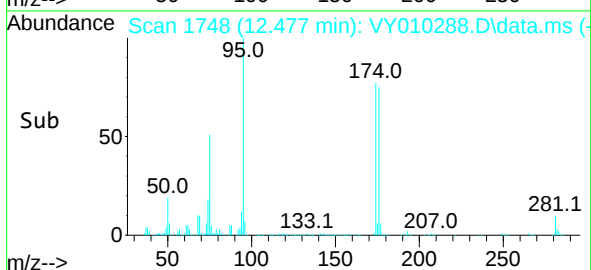
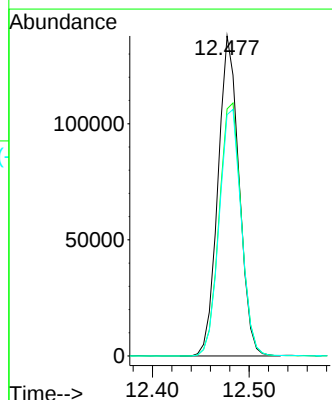
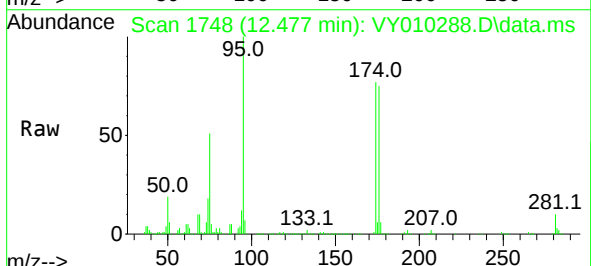
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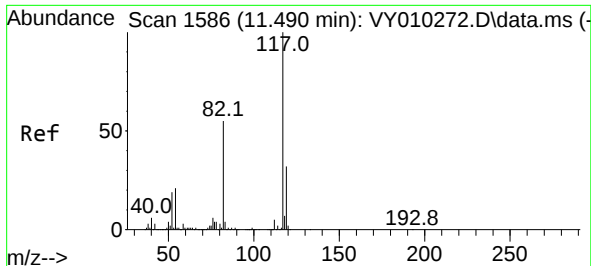
Tgt Ion: 98 Resp: 586060
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.778 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

Tgt Ion: 95 Resp: 208103
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 81.0 0.0 175.8

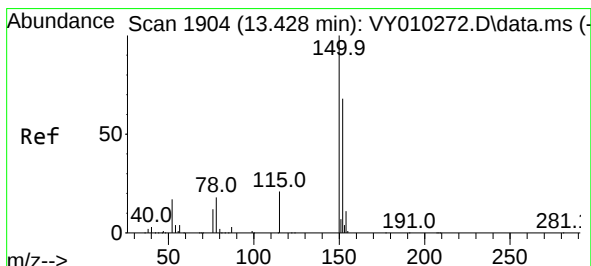
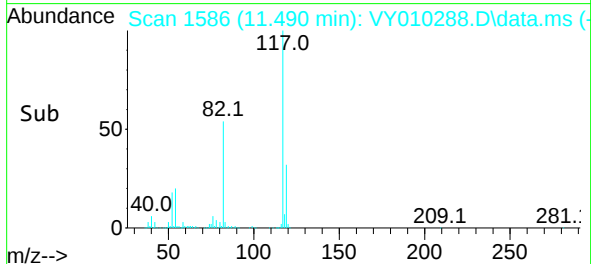
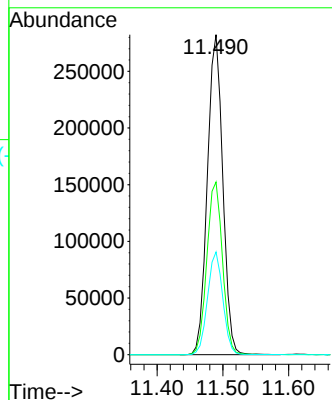
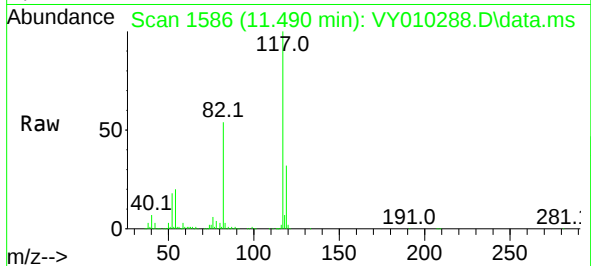




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

Instrument :
MSVOA_Y
ClientSampleId :
WC-1

Tgt Ion:117 Resp: 460313
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010288.D
Acq: 02 Sep 2022 18:51

Tgt Ion:152 Resp: 209894
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 158.7 0.0 347.6

