

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010392.D
 Acq On : 08 Sep 2022 13:51
 Operator : KP/MD
 Sample : N4490-09
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14-B-SP-GR

Quant Time: Sep 08 16:24:28 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)

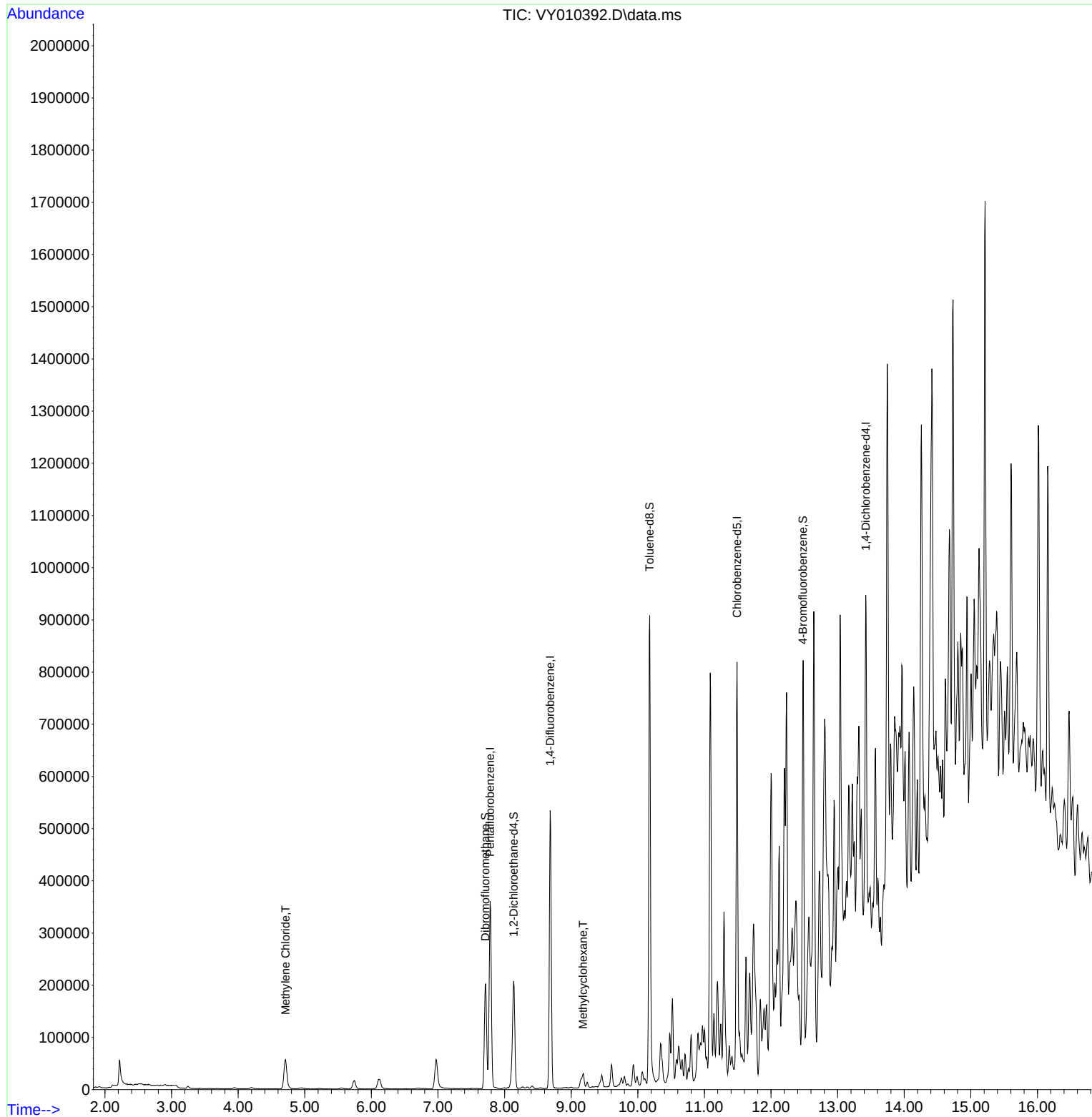
Internal Standards						
1) Pentafluorobenzene	7.783	168	290699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	472494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	420171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	151473	50.816	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.640%			
35) Dibromofluoromethane	7.710	113	143705	45.686	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.380%			
50) Toluene-d8	10.179	98	549497	52.178	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.360%			
62) 4-Bromofluorobenzene	12.477	95	190586	44.494	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.980%			
Target Compounds						
20) Methylene Chloride	4.710	84	43468	12.088	ug/l	85
39) Methylcyclohexane	9.179	83	12475	2.094	ug/l	97

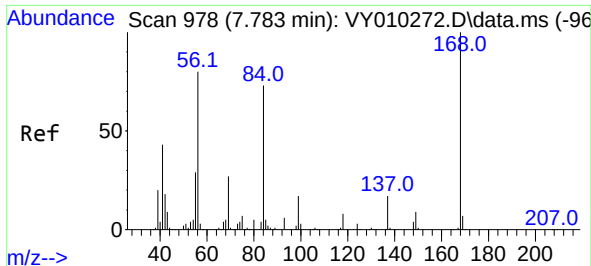
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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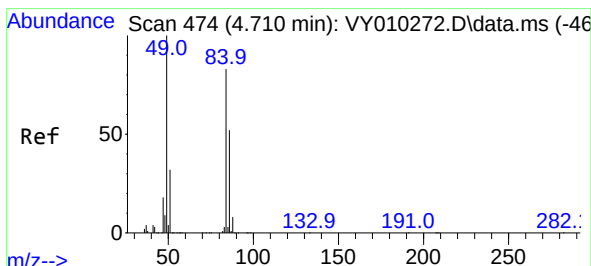
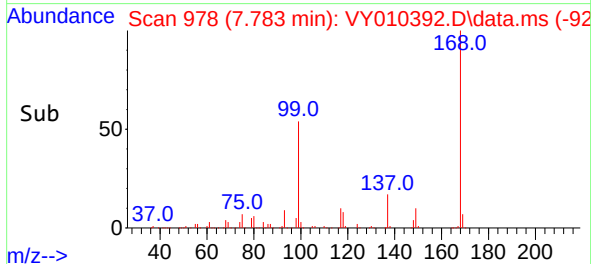
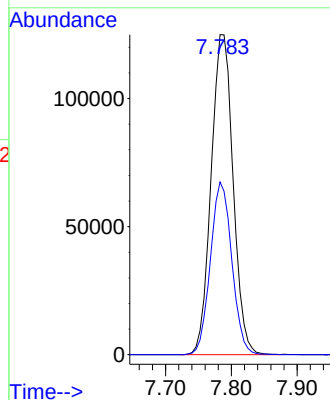
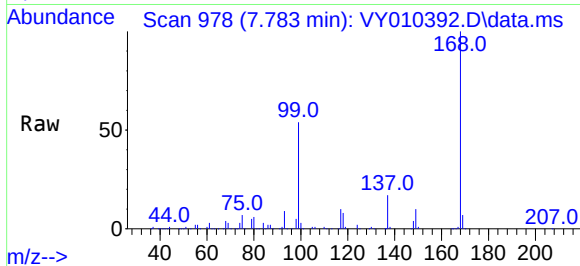




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010392.D
Acq: 08 Sep 2022 13:51

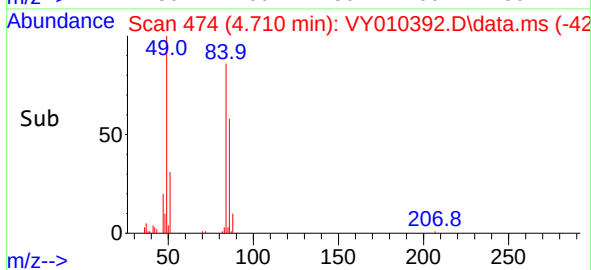
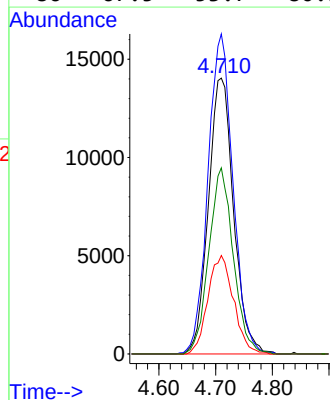
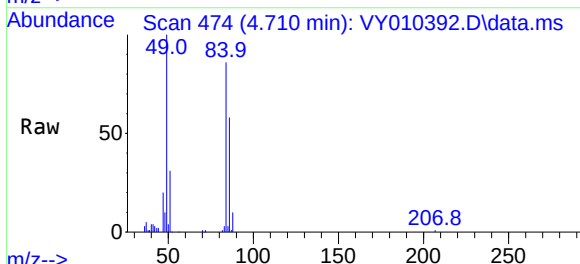
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-B-SP-GR

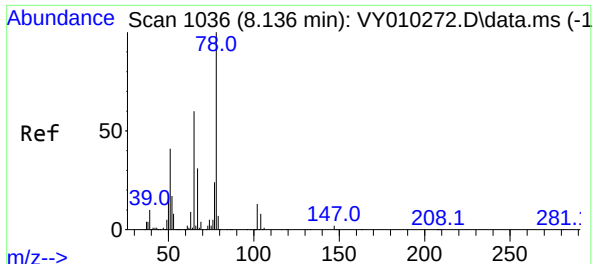
Tgt Ion:168 Resp: 290699
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#20
Methylene Chloride
Concen: 12.088 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010392.D
Acq: 08 Sep 2022 13:51

Tgt Ion: 84 Resp: 43468
Ion Ratio Lower Upper
84 100
49 116.0 114.4 171.6
51 35.7 35.3 52.9
86 67.5 53.7 80.5

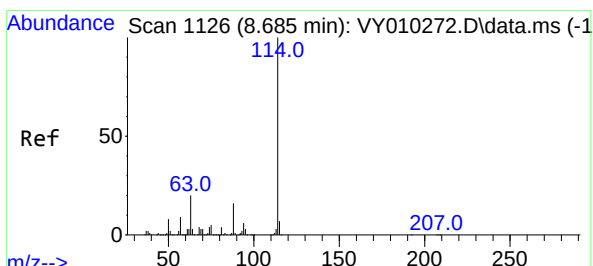
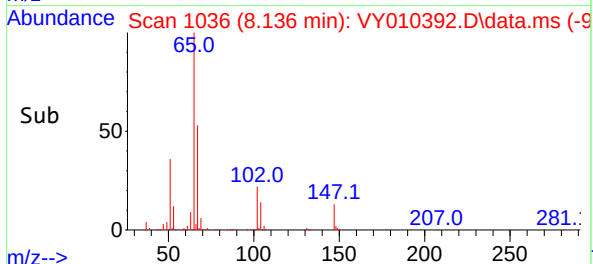
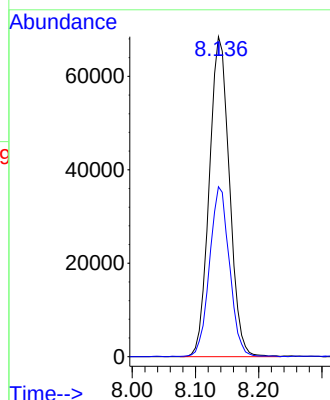
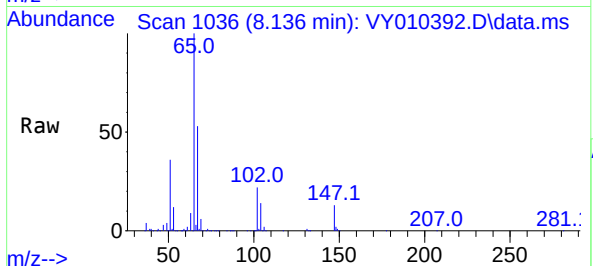




#33
1,2-Dichloroethane-d4
Concen: 50.816 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010392.D
Acq: 08 Sep 2022 13:51

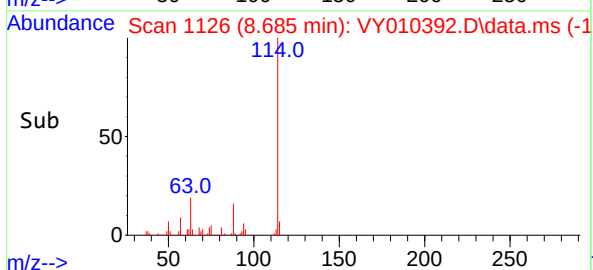
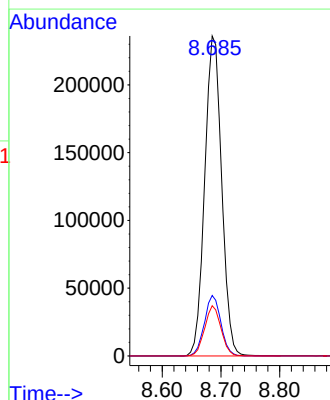
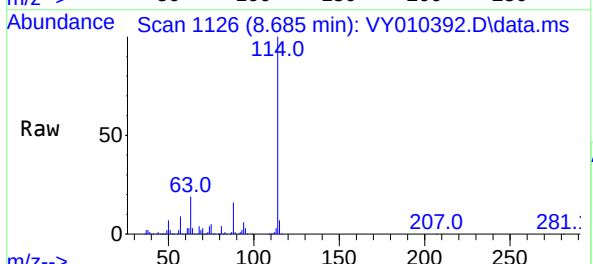
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-B-SP-GR

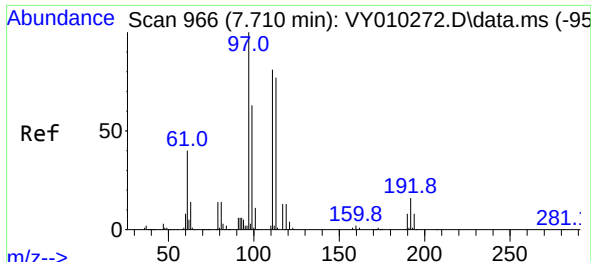
Tgt Ion: 65 Resp: 151473
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010392.D
Acq: 08 Sep 2022 13:51

Tgt Ion:114 Resp: 472494
Ion Ratio Lower Upper
114 100
63 18.9 0.0 43.2
88 15.7 0.0 31.8

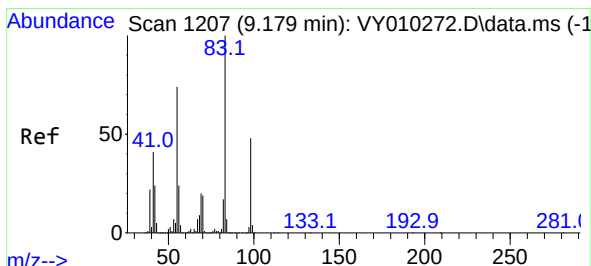
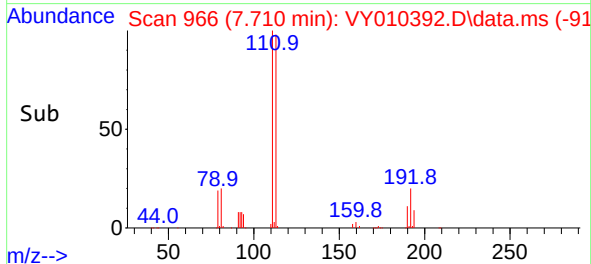
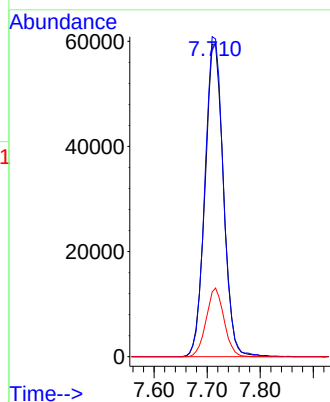
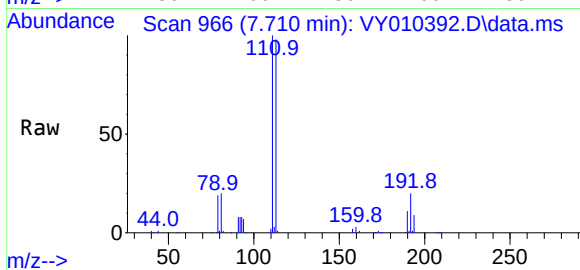




#35
Dibromofluoromethane
Concen: 45.686 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010392.D
Acq: 08 Sep 2022 13:51

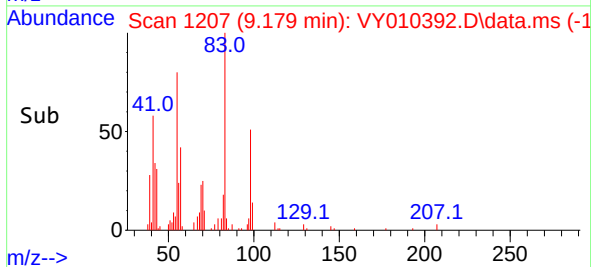
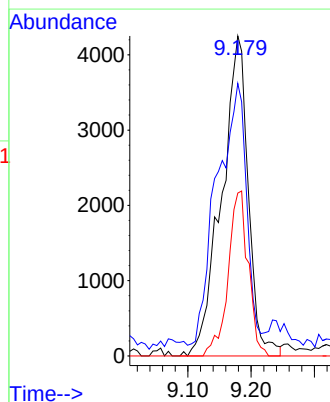
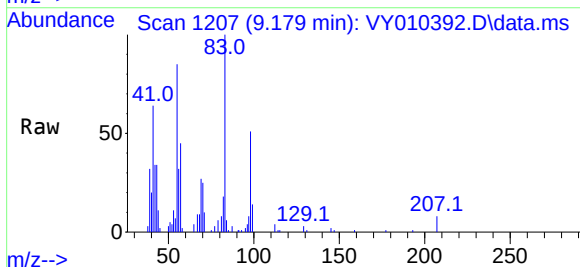
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-B-SP-GR

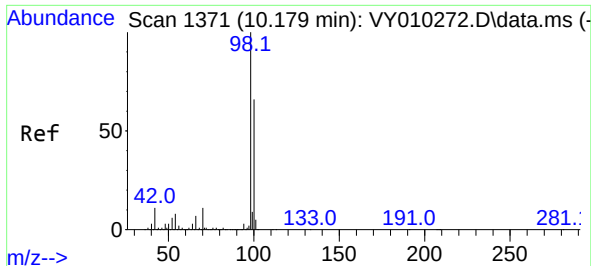
Tgt Ion:113 Resp: 143705
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 21.2 17.6 26.4



#39
Methylcyclohexane
Concen: 2.094 ug/l
RT: 9.179 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VY010392.D
Acq: 08 Sep 2022 13:51

Tgt Ion: 83 Resp: 12475
Ion Ratio Lower Upper
83 100
55 80.9 66.5 99.7
98 50.9 37.9 56.9

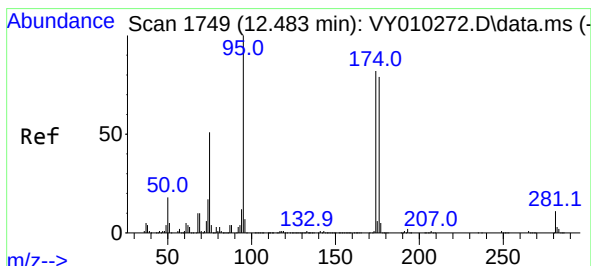
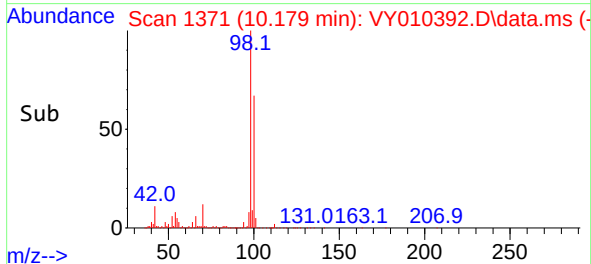
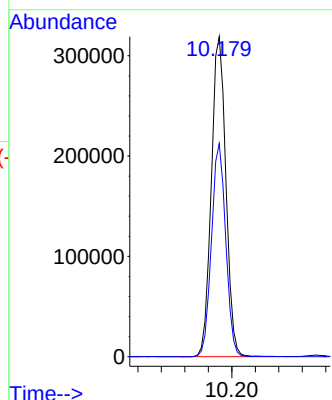
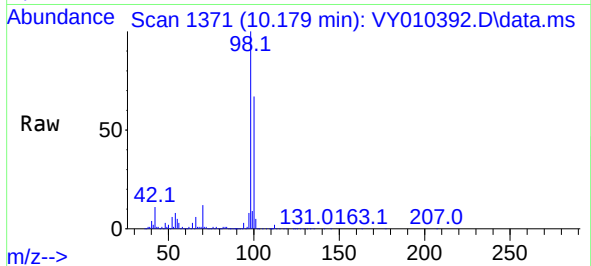




#50
Toluene-d8
Concen: 52.178 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010392.D
Acq: 08 Sep 2022 13:51

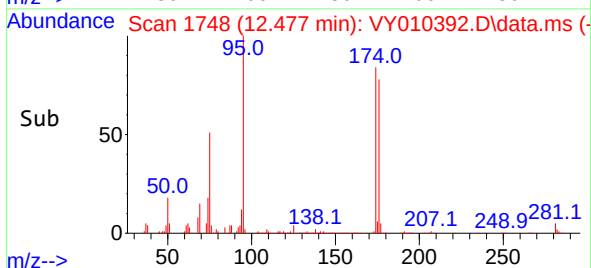
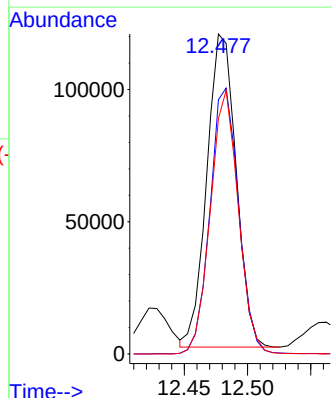
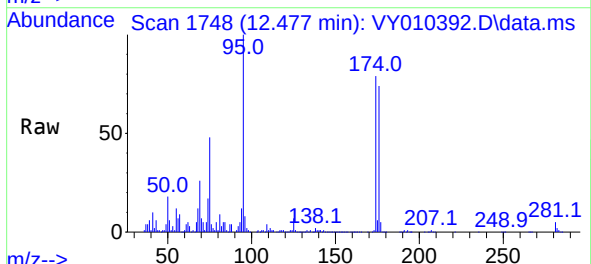
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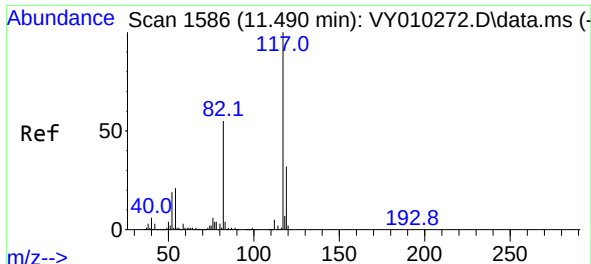
Tgt Ion: 98 Resp: 549497
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 44.494 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010392.D
Acq: 08 Sep 2022 13:51

Tgt Ion: 95 Resp: 190586
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 80.4 0.0 175.8

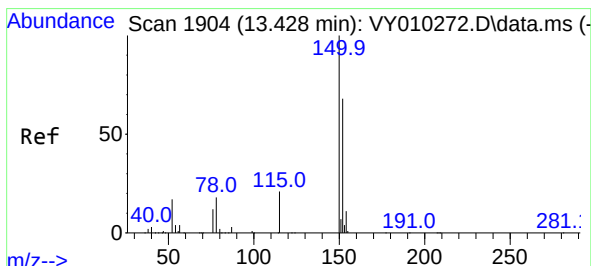
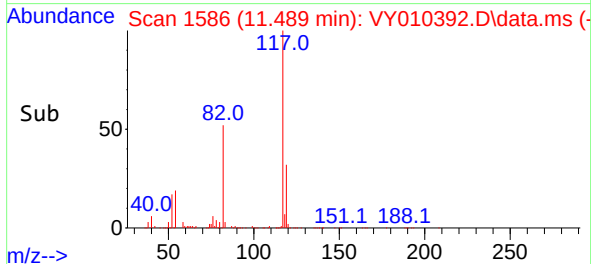
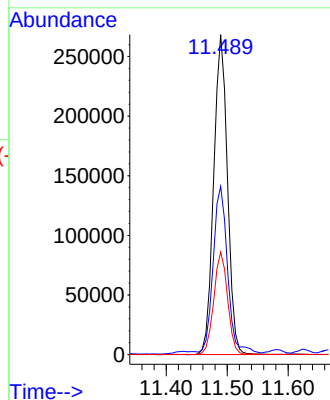
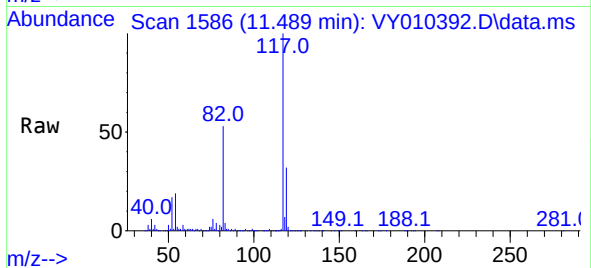




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010392.D
Acq: 08 Sep 2022 13:51

Instrument :
MSVOA_Y
ClientSampleId :
WC-14-B-SP-GR

Tgt Ion:117 Resp: 420171
Ion Ratio Lower Upper
117 100
82 51.7 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: VY010392.D
Acq: 08 Sep 2022 13:51

Tgt Ion:152 Resp: 187409
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 149.2 0.0 347.6

