

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007611.D
 Acq On : 23 Feb 2022 20:26
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 24 08:25:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

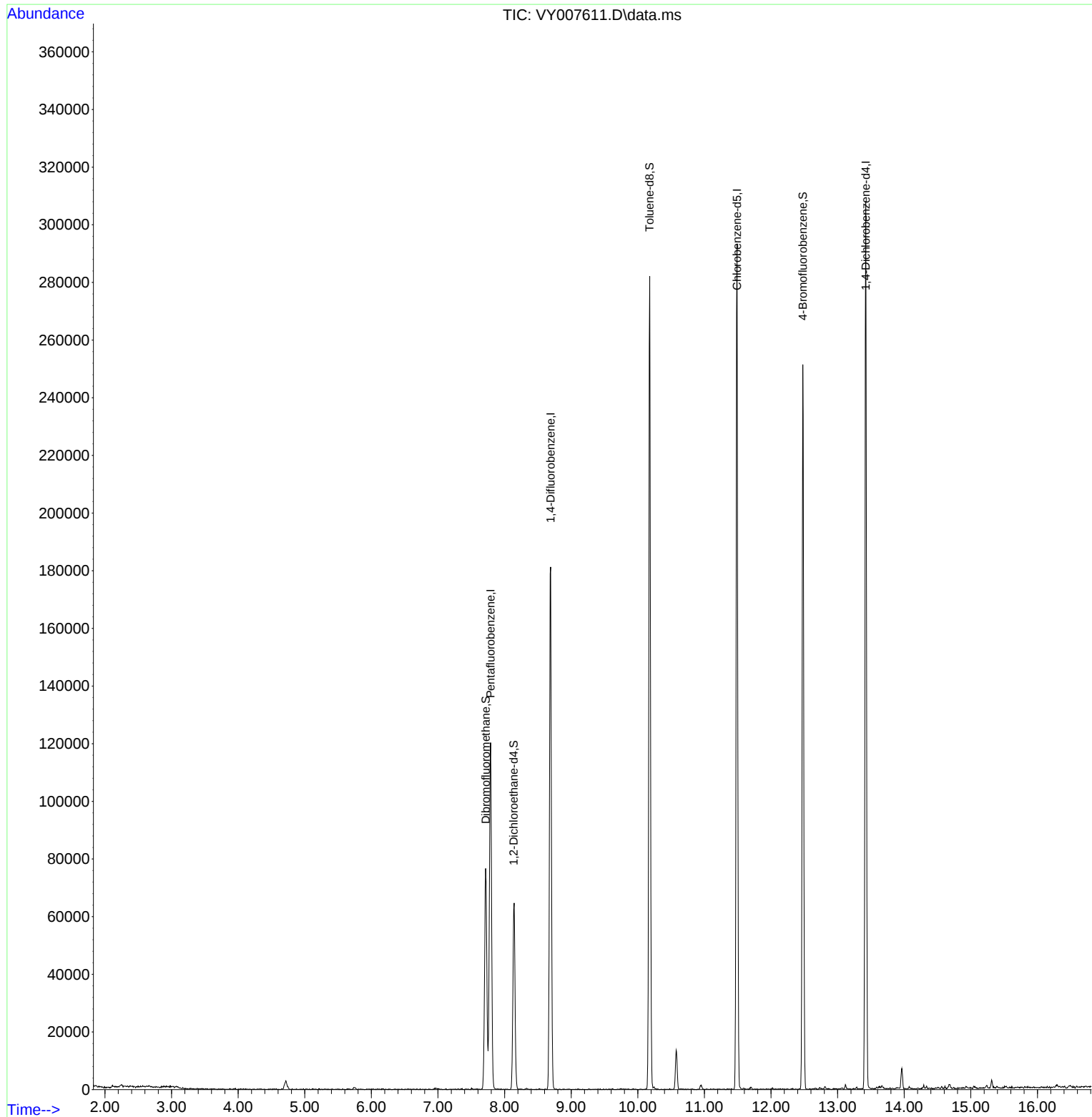
Internal Standards						
1) Pentafluorobenzene	7.789	168	92673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	161410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50518	49.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.000%
35) Dibromofluoromethane	7.716	113	50709	49.789	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.179	98	184227	48.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.477	95	67005	52.030	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.060%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.795	56	1733	Below Cal	#	18
39) Methylcyclohexane	9.191	83	25	Below Cal	#	16

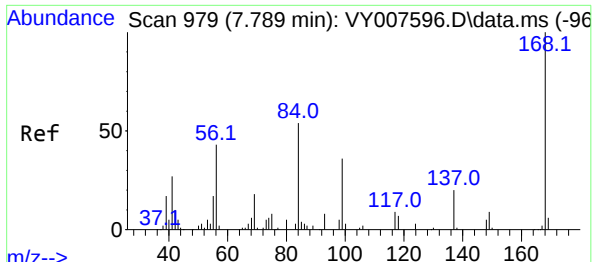
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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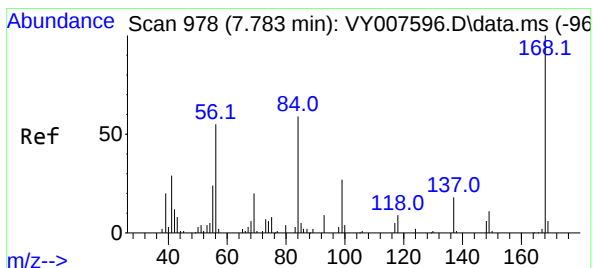
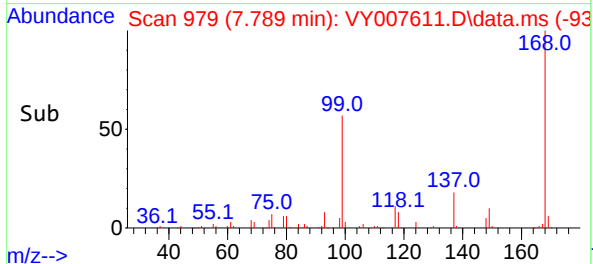
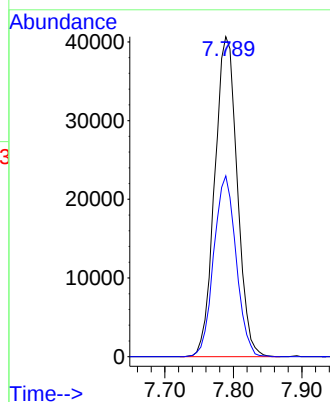
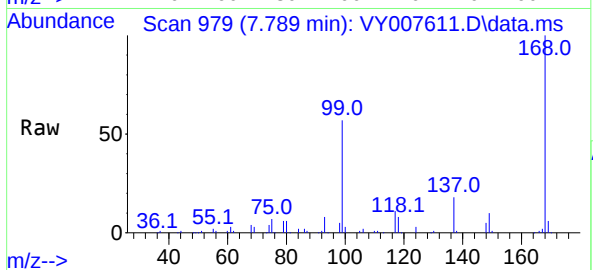




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

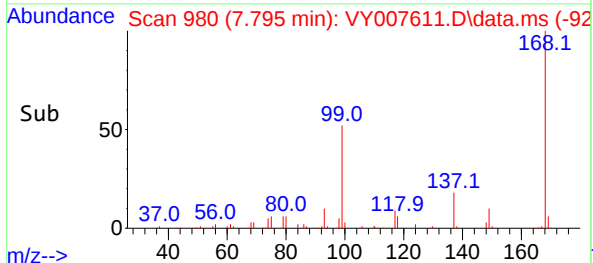
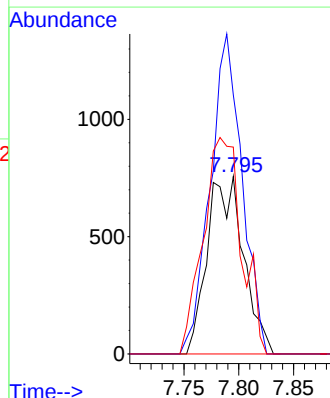
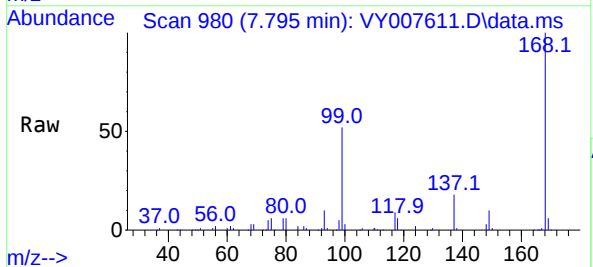
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

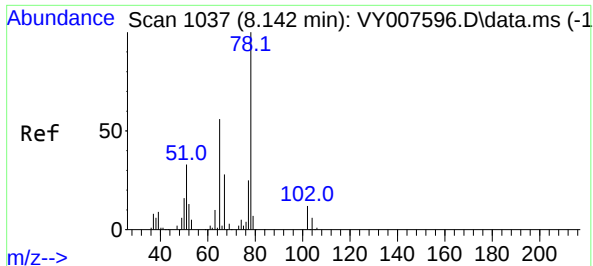
Tgt Ion:168 Resp: 92673
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

Tgt Ion: 56 Resp: 1733
Ion Ratio Lower Upper
56 100
69 146.0 26.7 40.1#
84 116.7 67.2 100.8#

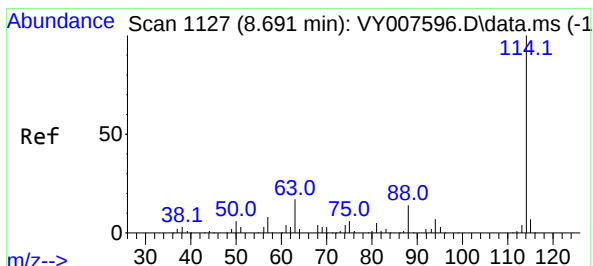
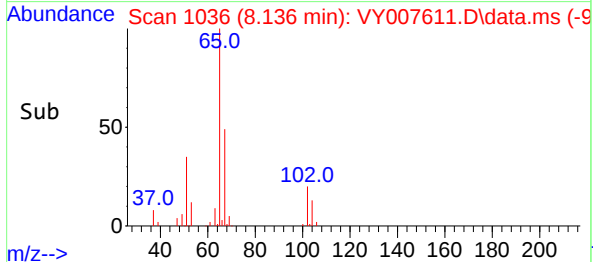
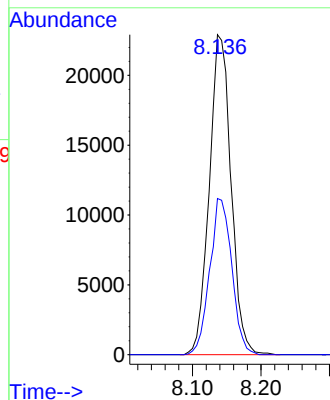
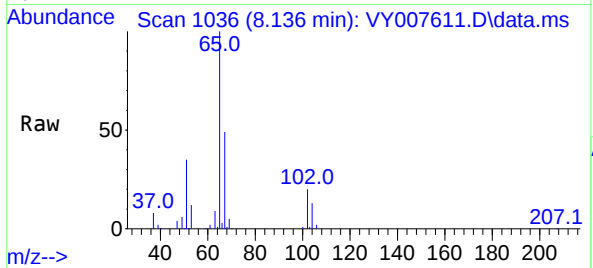




#33
1,2-Dichloroethane-d4
Concen: 49.002 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

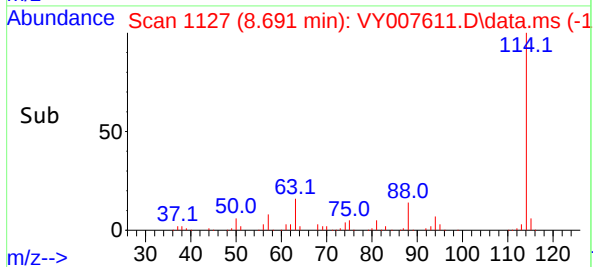
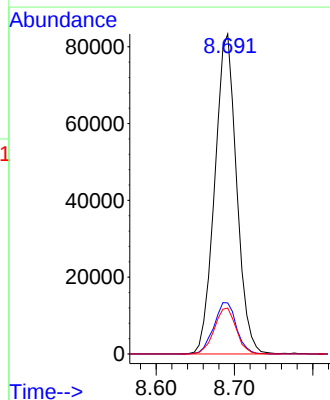
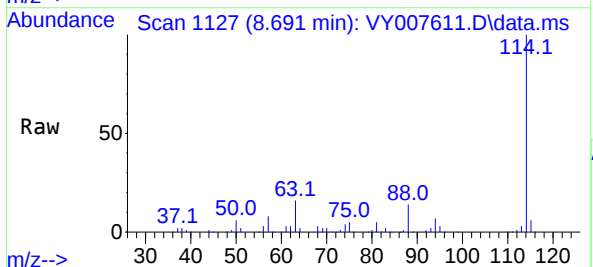
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

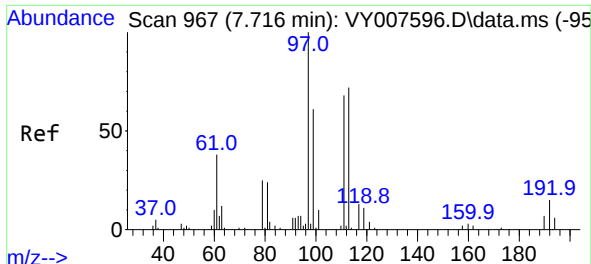
Tgt Ion: 65 Resp: 50518
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

Tgt Ion: 114 Resp: 161410
Ion Ratio Lower Upper
114 100
63 15.9 0.0 43.2
88 14.3 0.0 31.8

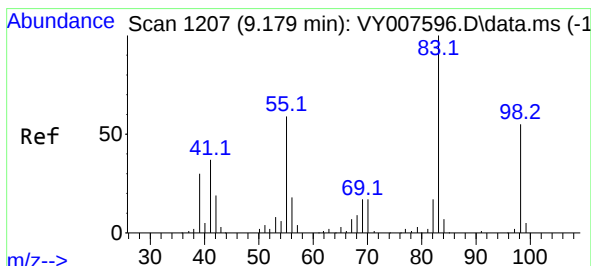
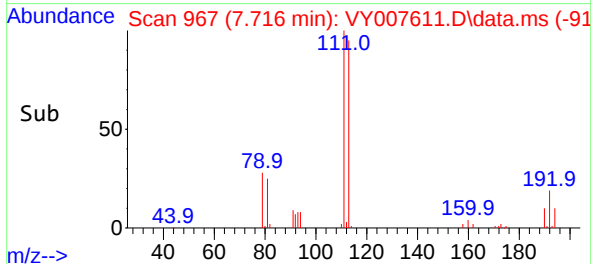
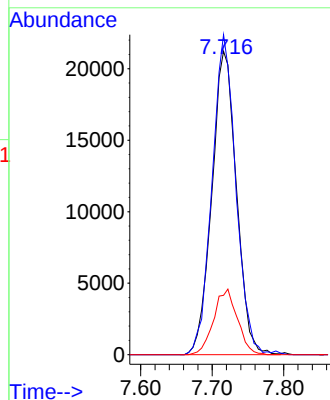
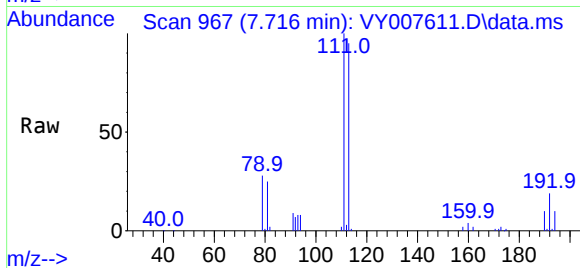




#35
Dibromofluoromethane
Concen: 49.789 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

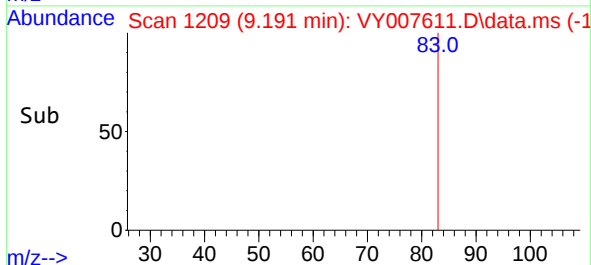
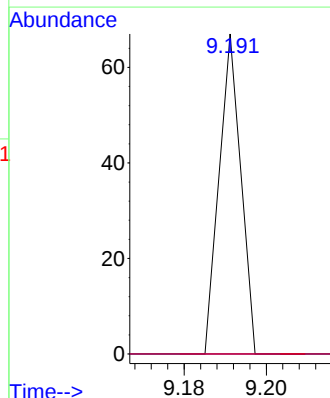
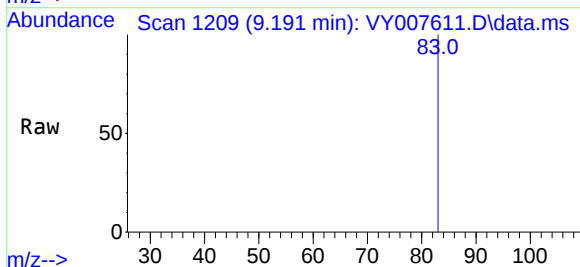
Instrument :
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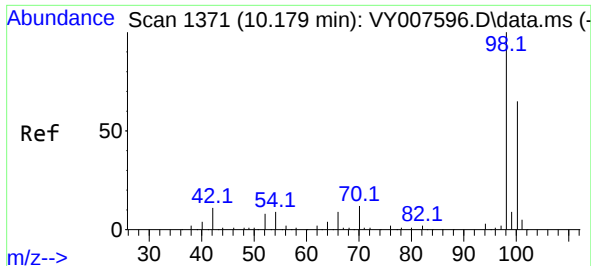
Tgt Ion:113 Resp: 50709
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 20.8 17.6 26.4



#39
Methylcyclohexane
Concen: Below Cal
RT: 9.191 min Scan# 1209
Delta R.T. 0.012 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

Tgt Ion: 83 Resp: 25
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 0.0 37.9 56.9#

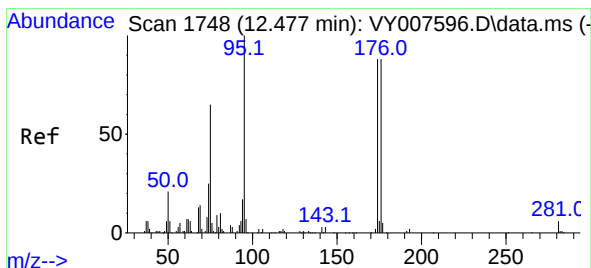
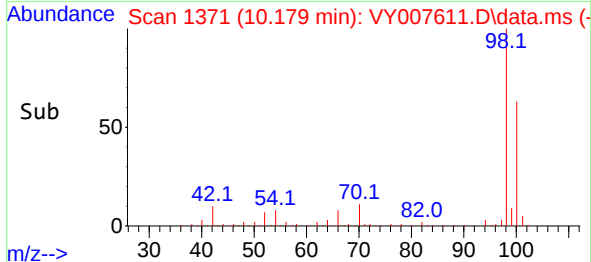
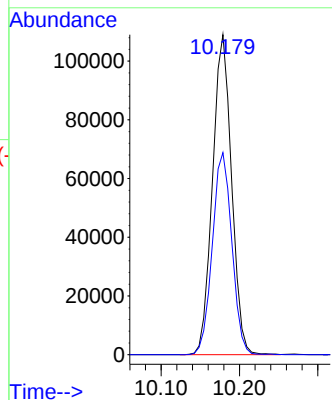
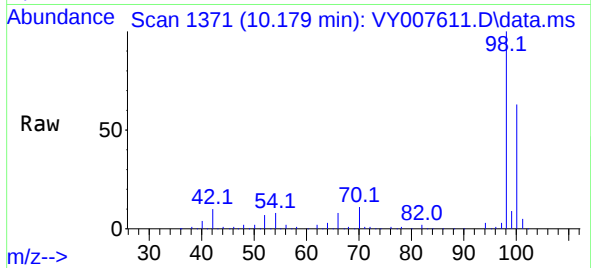




#50
Toluene-d8
Concen: 48.974 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

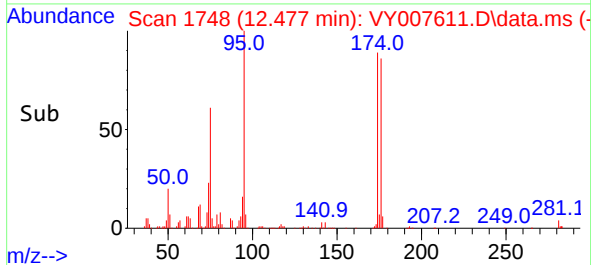
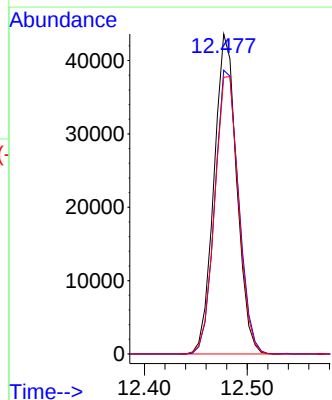
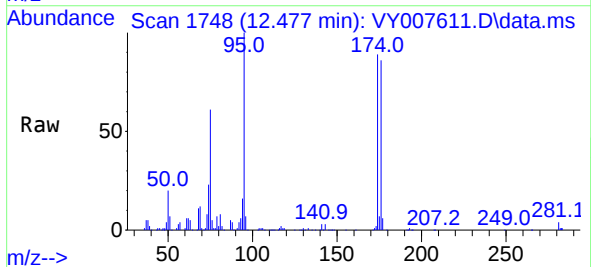
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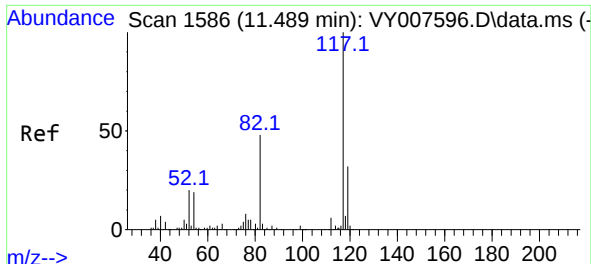
Tgt Ion: 98 Resp: 184227
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

Tgt Ion: 95 Resp: 67005
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.0
176 91.0 0.0 175.8

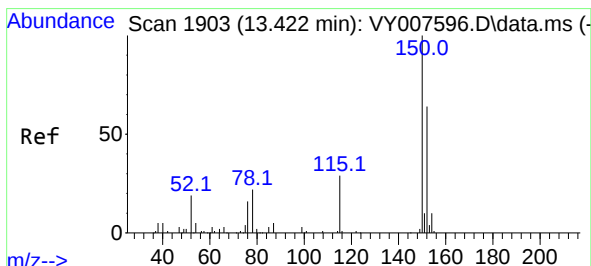
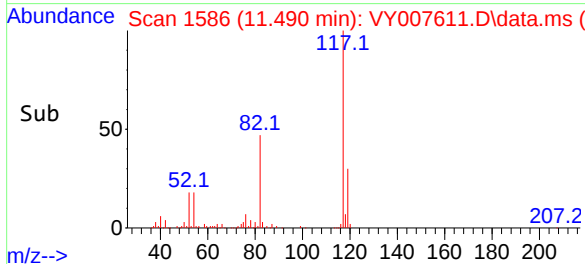
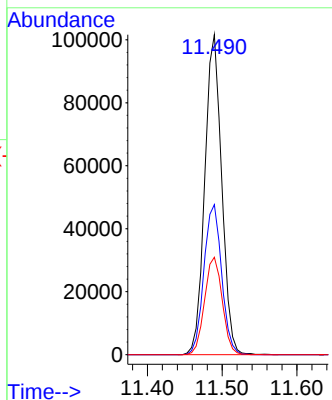
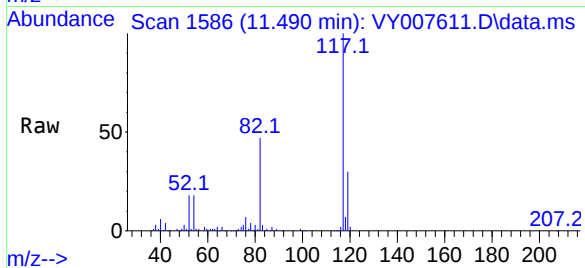




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 159717
Ion Ratio Lower Upper
117 100
82 46.9 43.0 64.4
119 30.4 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: VY007611.D
Acq: 23 Feb 2022 20:26

Tgt Ion:152 Resp: 76232
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.2 0.0 347.6

