

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)

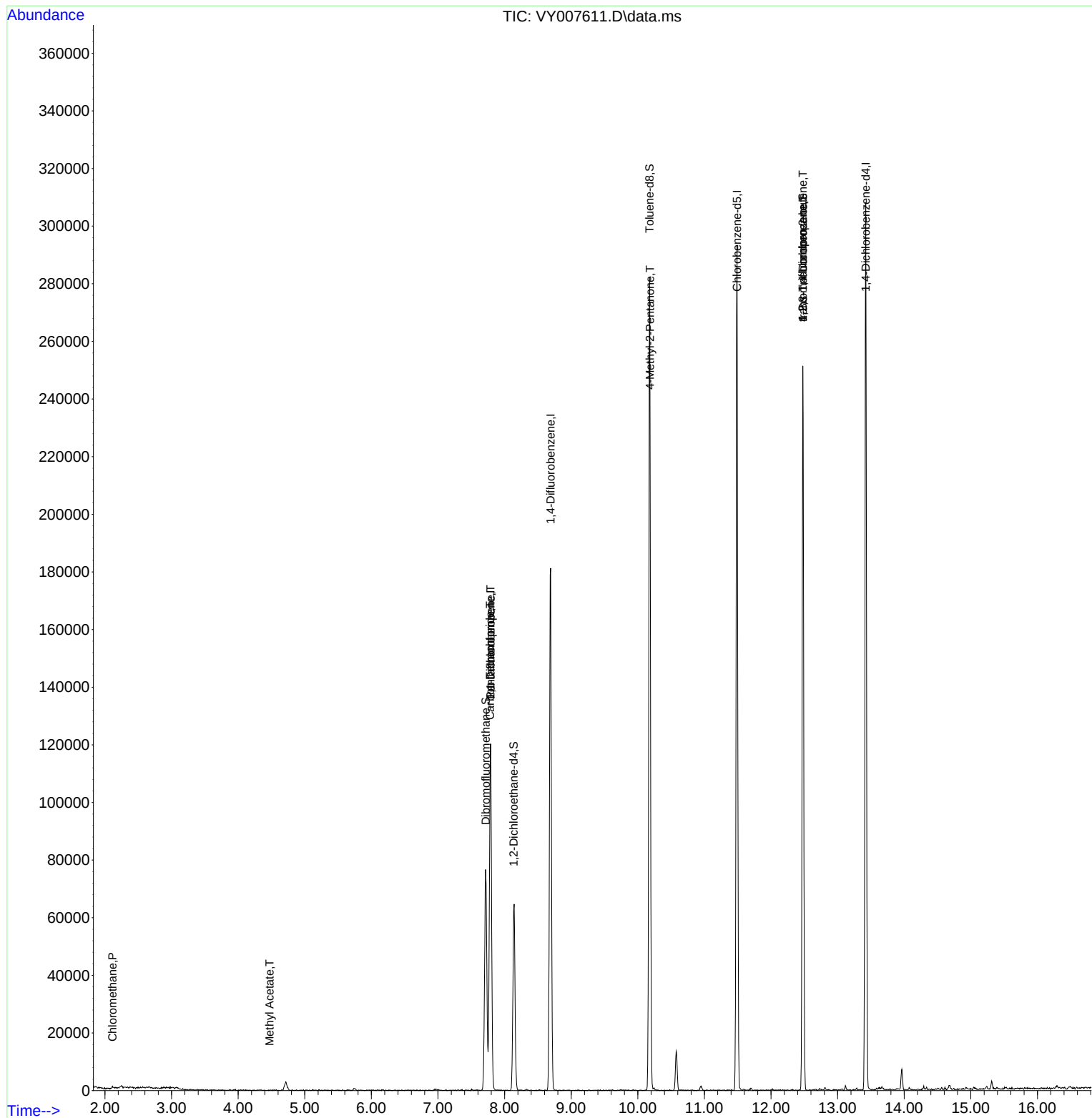
Internal Standards						
1) Pentafluorobenzene	7.789	168	92673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	161410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
3) Chloromethane	2.113	50	326	1.037	ug/l #	44
5) Bromomethane	2.650	94	191	Below Cal	#	73
18) Methyl Acetate	4.473	43	46	1.331	ug/l #	56
20) Methylene Chloride	4.716	84	2179	Below Cal	#	65
31) Cyclohexane	7.795	56	1733	Below Cal	#	18
36) 1,1-Dichloropropene	7.789	75	6466	4.406	ug/l #	57
38) Carbon Tetrachloride	7.783	117	9475	4.409	ug/l #	13
39) Methylcyclohexane	9.191	83	25	Below Cal	#	16
51) 4-Methyl-2-Pentanone	10.185	43	856	1.260	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	39084	51.262	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	39084	110.222	ug/l #	7

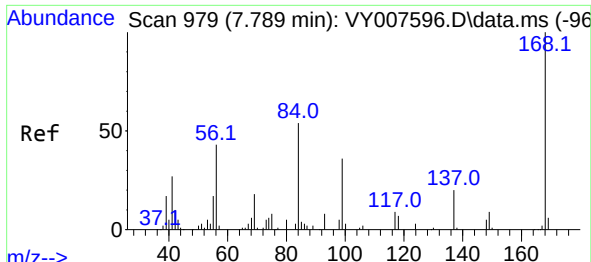
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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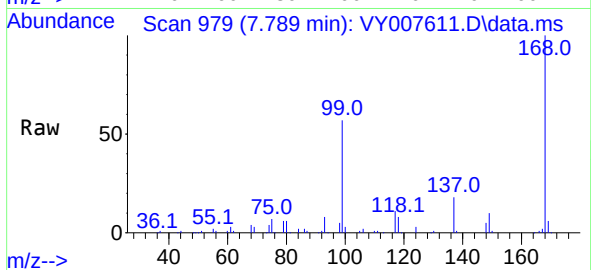
Quant Time: Feb 24 08:25:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
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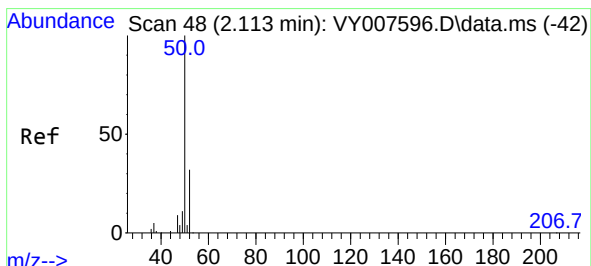
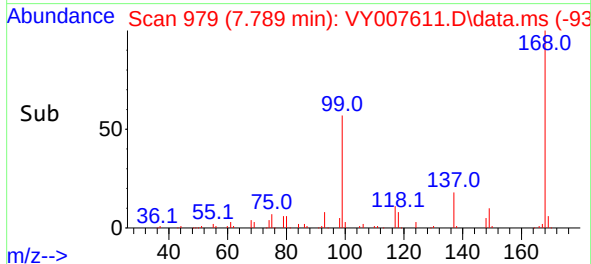
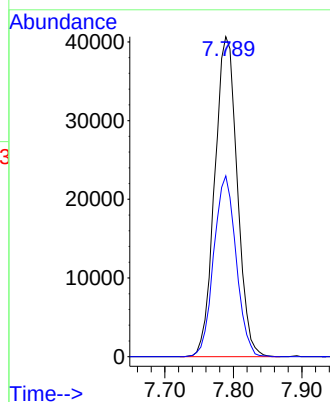


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

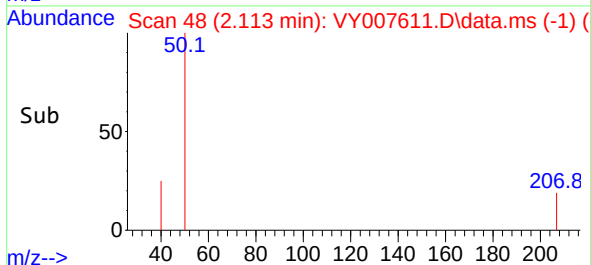
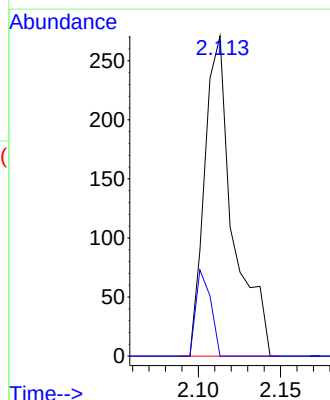
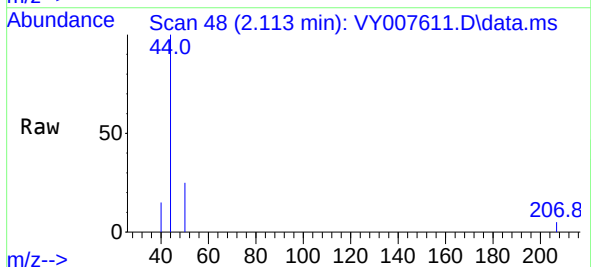


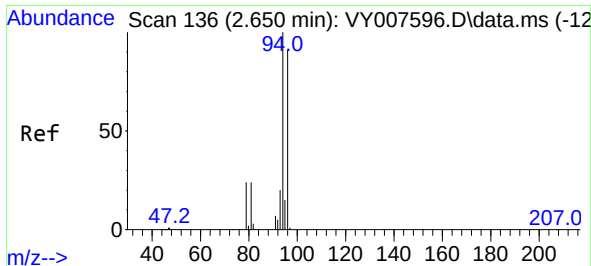
Tgt Ion:168 Resp: 92673
Ion Ratio Lower Upper
168 100
99 56.5 46.9 70.3



#3
Chloromethane
Concen: 1.037 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

Tgt Ion: 50 Resp: 326
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

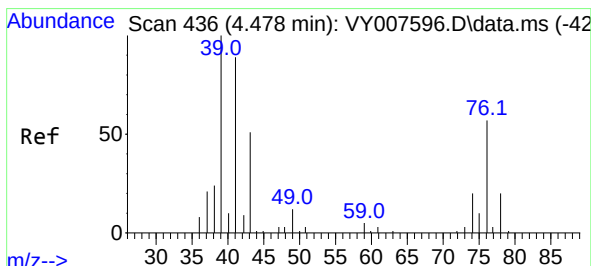
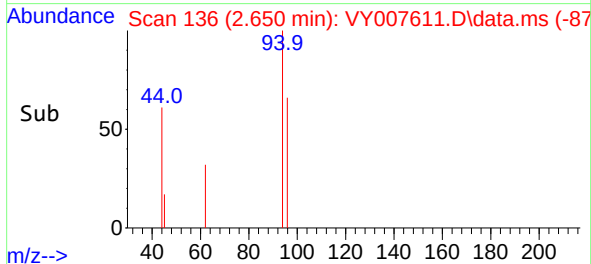
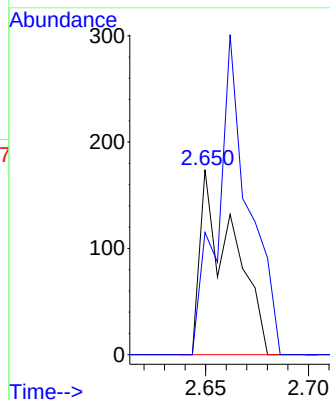
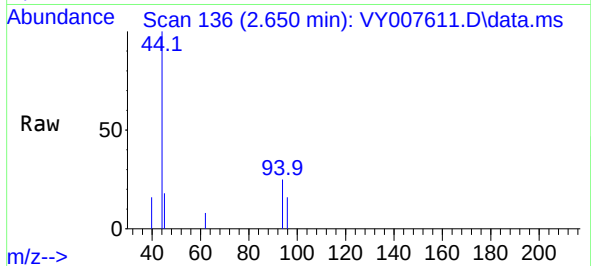




#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

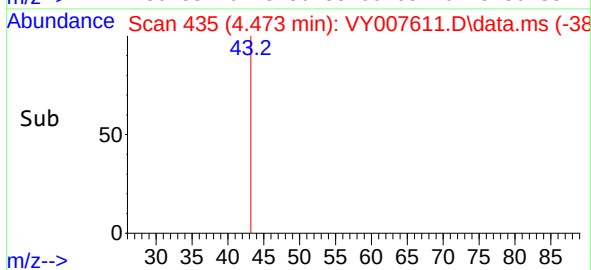
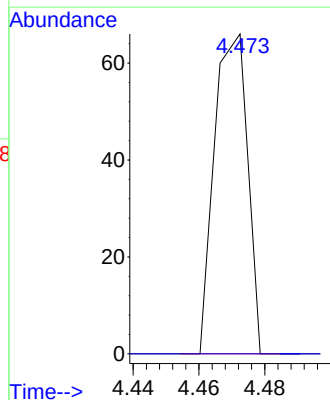
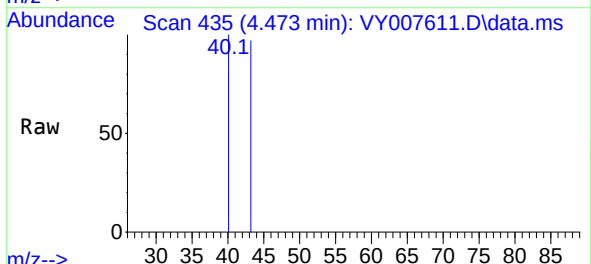
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

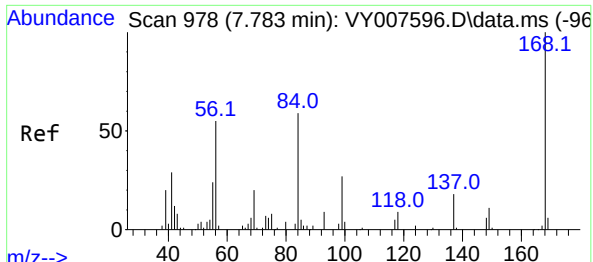
Tgt Ion: 94 Resp: 191
Ion Ratio Lower Upper
94 100
96 66.1 73.5 110.3#



#18
Methyl Acetate
Concen: 1.331 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.005 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

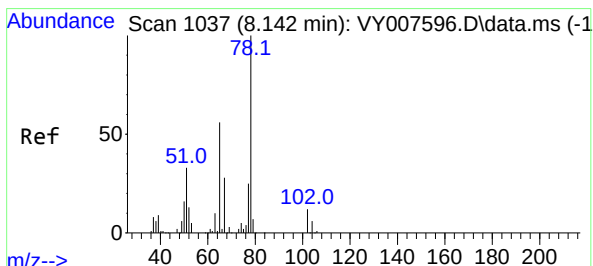
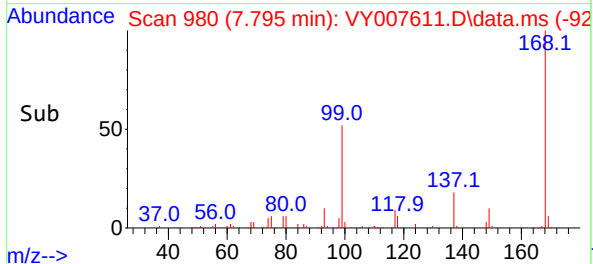
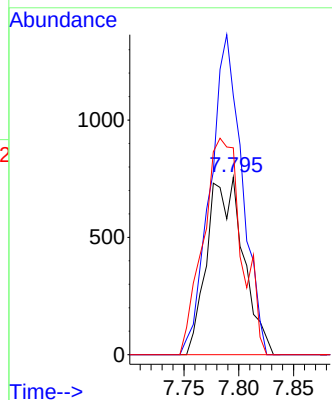
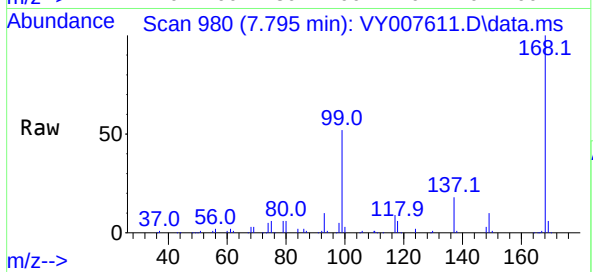




#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

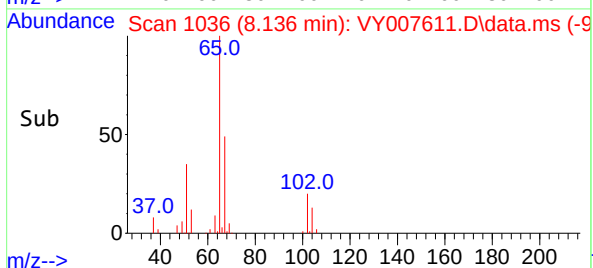
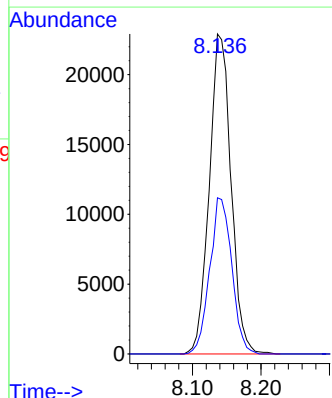
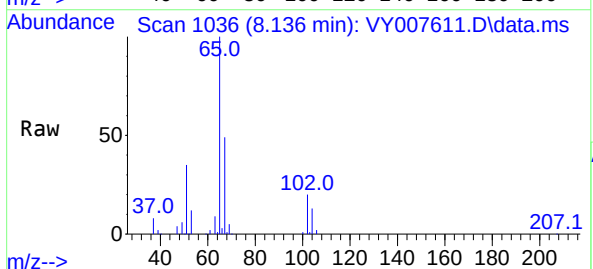
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

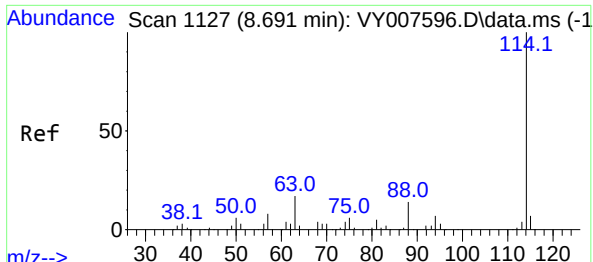
Tgt Ion: 56 Resp: 1733
Ion Ratio Lower Upper
56 100
69 146.0 26.7 40.1#
84 116.7 67.2 100.8#



#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

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

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

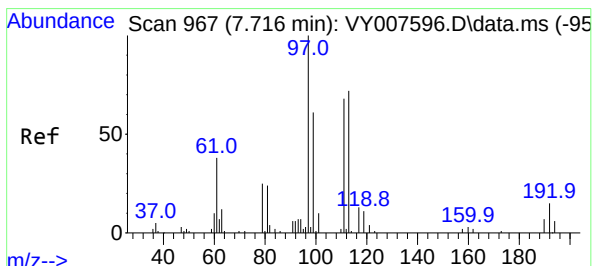
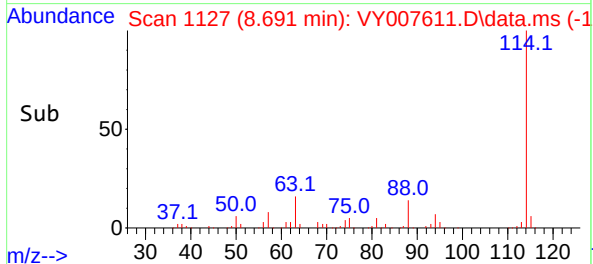
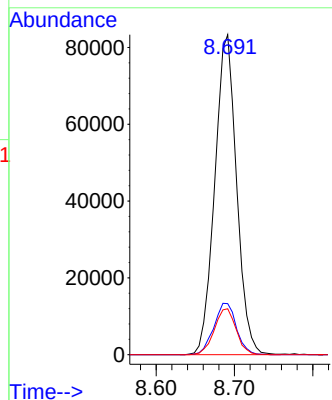
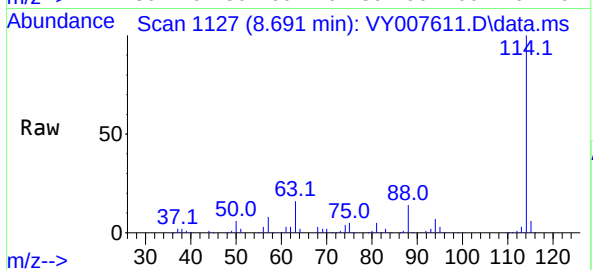
Tgt Ion:114 Resp: 161410

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# 967

Delta R.T. -0.000 min

Lab File: VY007611.D

Acq: 23 Feb 2022 20:26

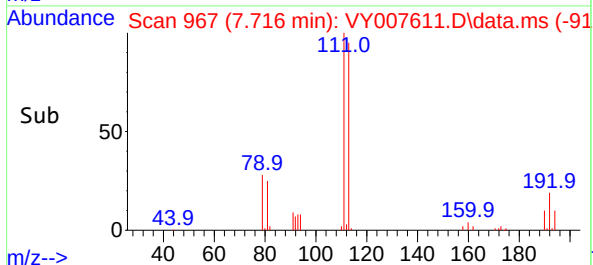
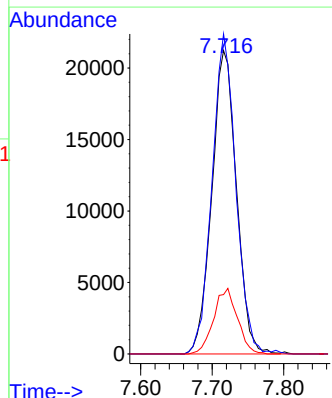
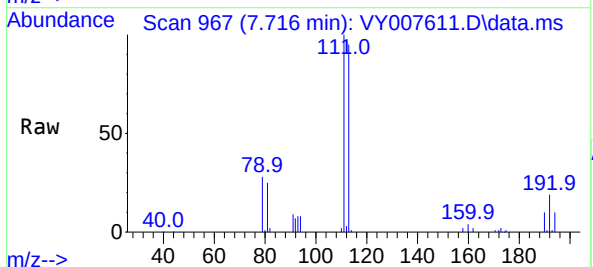
Tgt Ion:113 Resp: 50709

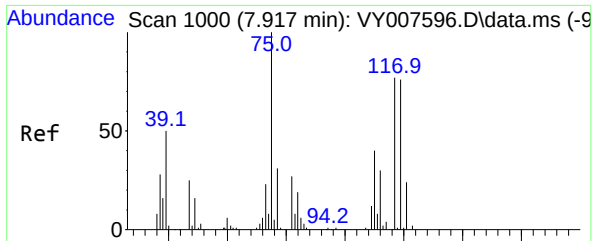
Ion Ratio Lower Upper

113 100

111 102.3 82.6 124.0

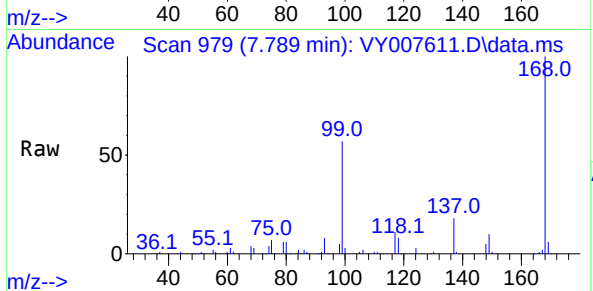
192 20.8 17.6 26.4



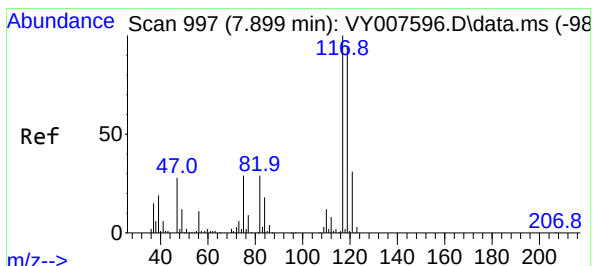
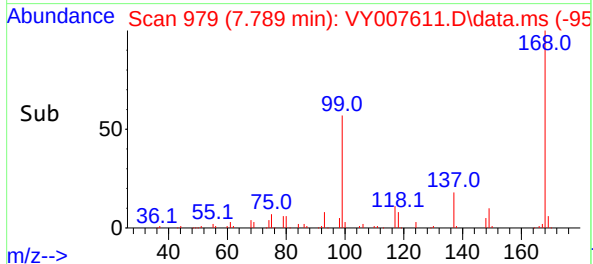
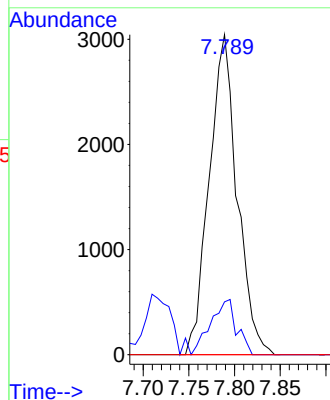


#36
1,1-Dichloropropene
Concen: 4.406 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

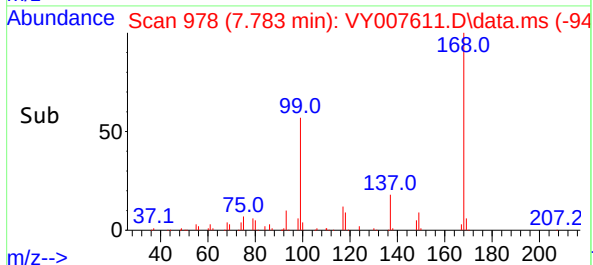
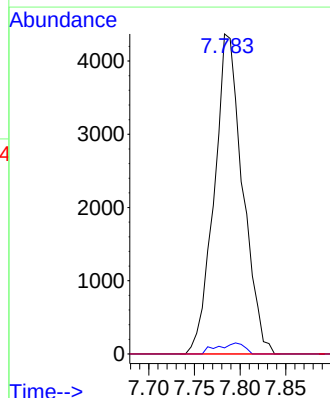
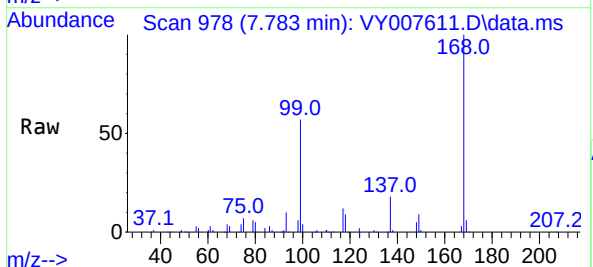


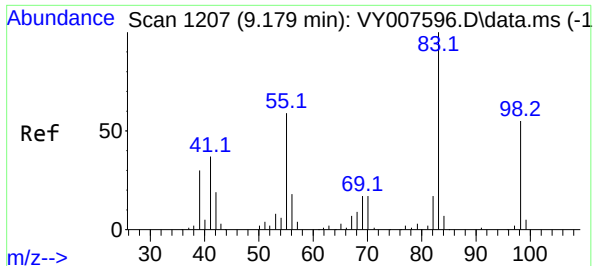
Tgt Ion: 75 Resp: 6466
Ion Ratio Lower Upper
75 100
110 16.1 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.409 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

Tgt Ion: 117 Resp: 9475
Ion Ratio Lower Upper
117 100
119 1.9 77.9 116.9#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: Below Cal

RT: 9.191 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY007611.D

Acq: 23 Feb 2022 20:26

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

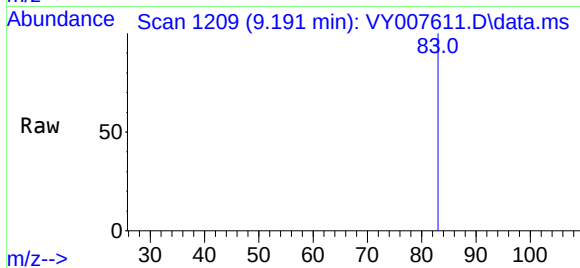
Tgt Ion: 83 Resp: 25

Ion Ratio Lower Upper

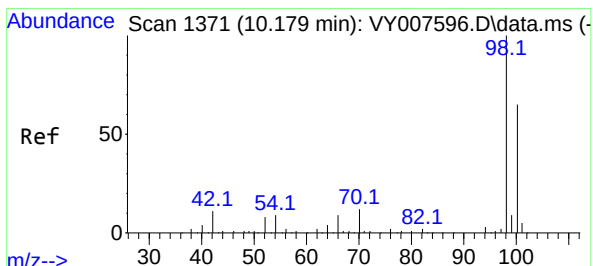
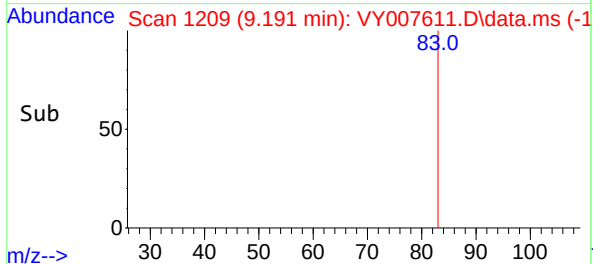
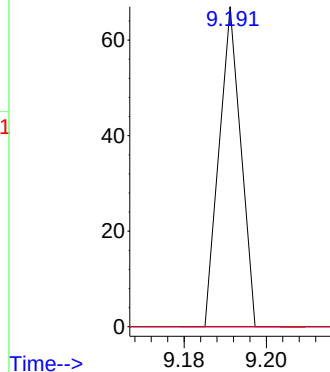
83 100

55 0.0 66.5 99.7#

98 0.0 37.9 56.9#



Abundance



#50

Toluene-d8

Concen: 48.974 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007611.D

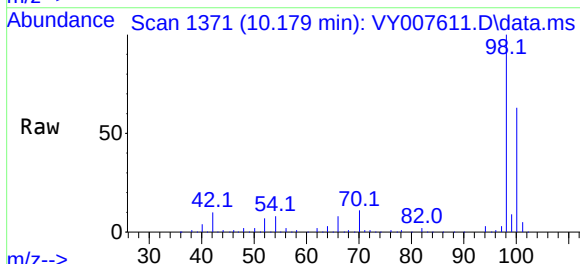
Acq: 23 Feb 2022 20:26

Tgt Ion: 98 Resp: 184227

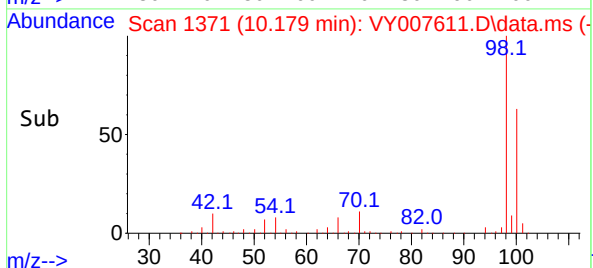
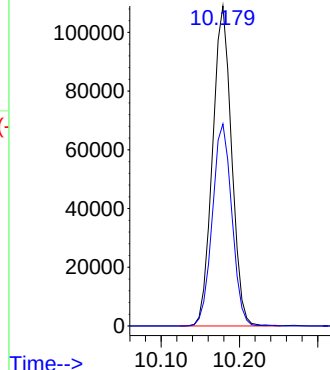
Ion Ratio Lower Upper

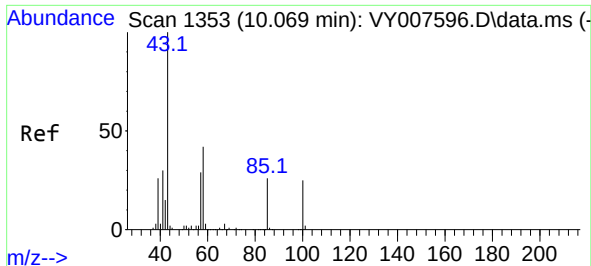
98 100

100 64.6 50.2 75.2



Abundance

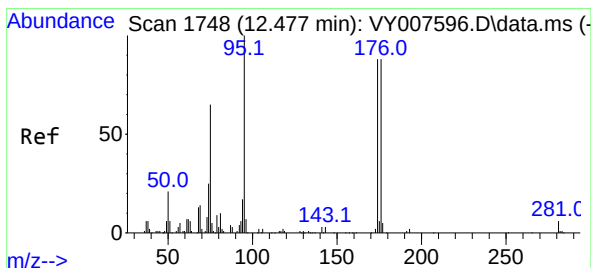
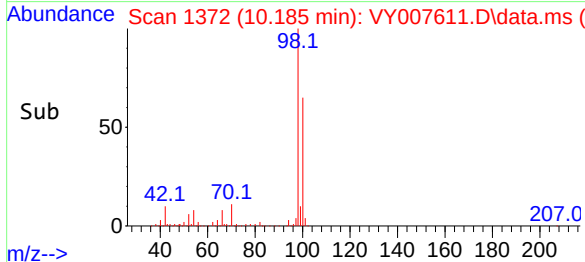
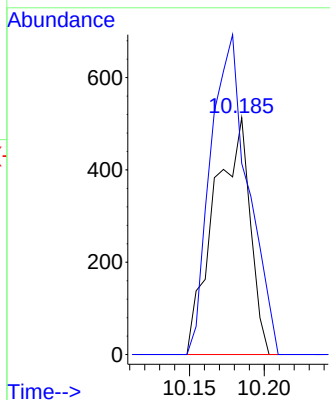
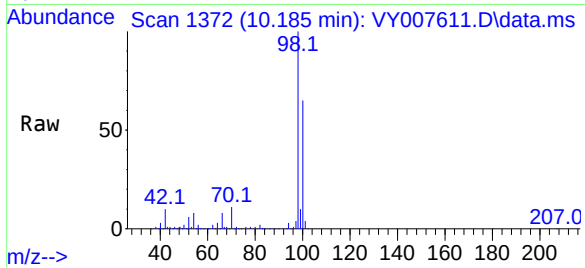




#51
4-Methyl-2-Pentanone
Concen: 1.260 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

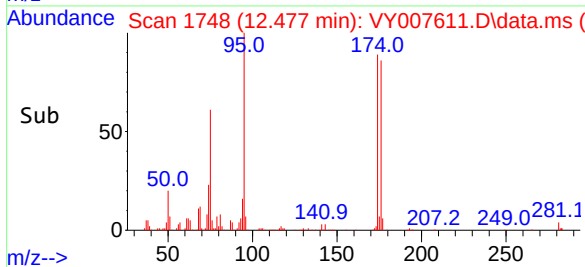
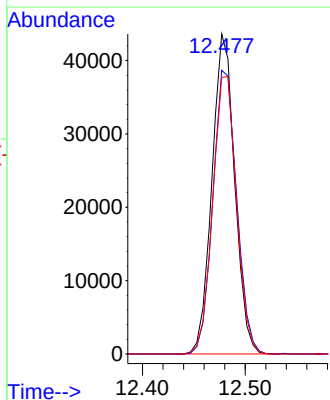
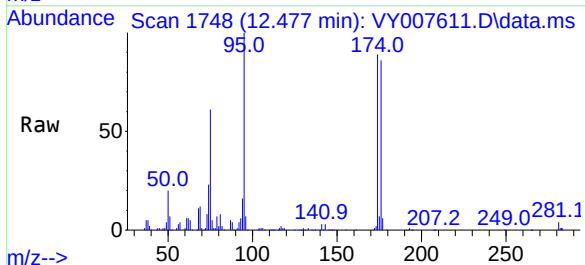
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

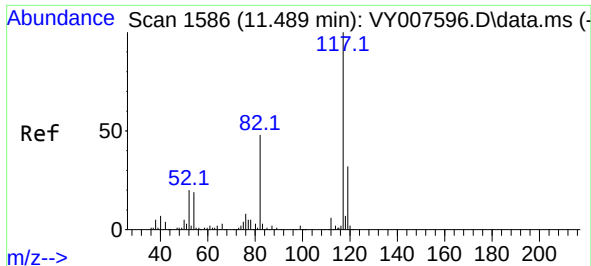
Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
58 141.6 28.1 42.1#



#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

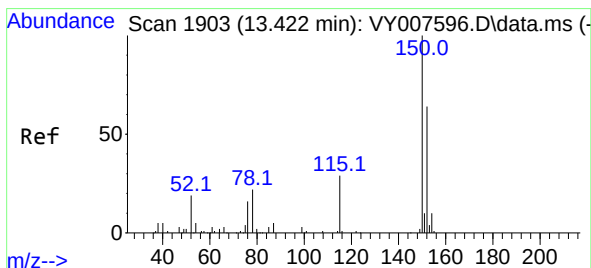
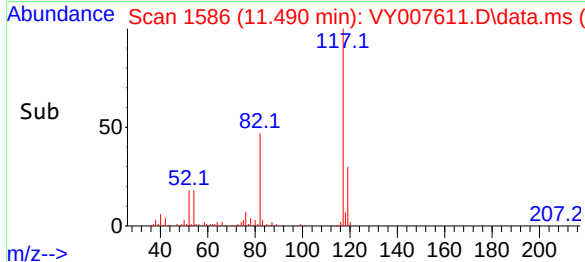
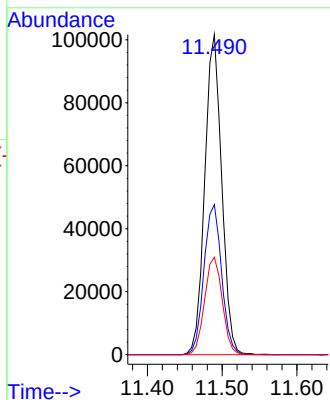
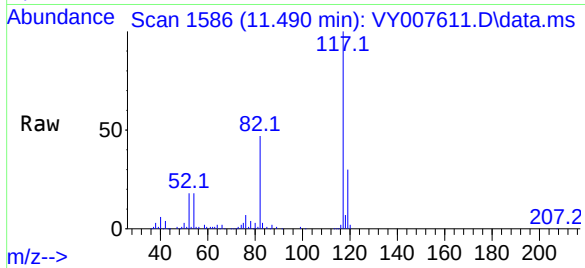




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

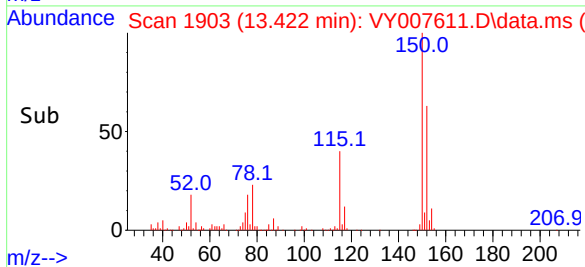
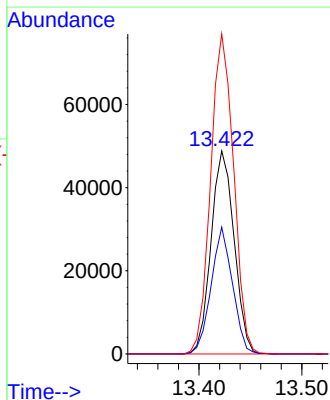
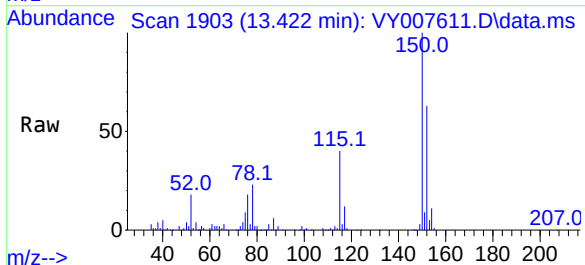
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

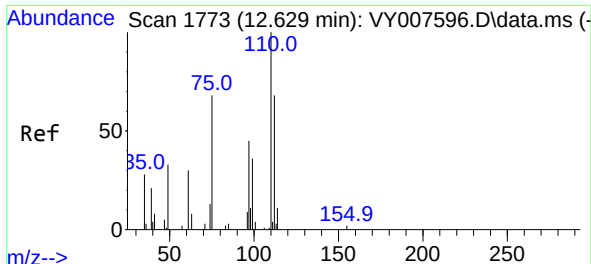
Tgt Ion:117 Resp: 159717
Ion Ratio Lower Upper
117 100
82 46.9 43.0 64.4
119 30.4 25.4 38.0



#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

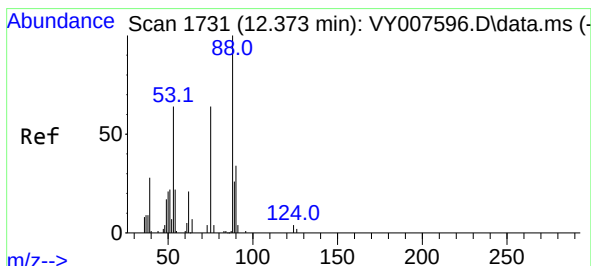
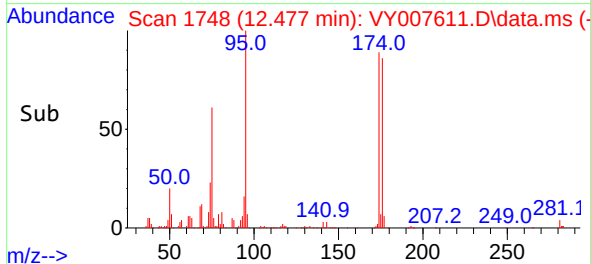
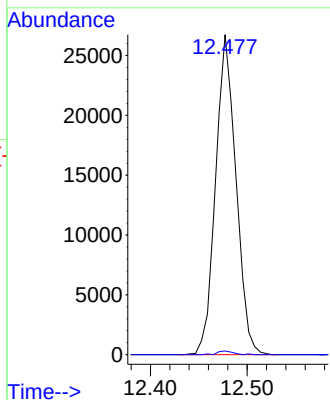
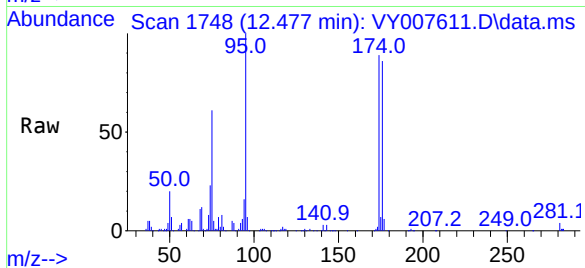




#76
1,2,3-Trichloropropane
Concen: 51.262 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 39084
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.222 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY007611.D
Acq: 23 Feb 2022 20:26

Tgt Ion: 75 Resp: 39084
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.5 37.0 55.4#

