

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007646.D
 Acq On : 25 Feb 2022 18:55
 Operator : SY/MD
 Sample : N1664-25
 Misc : 3.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9

Quant Time: Feb 27 23:59:34 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)

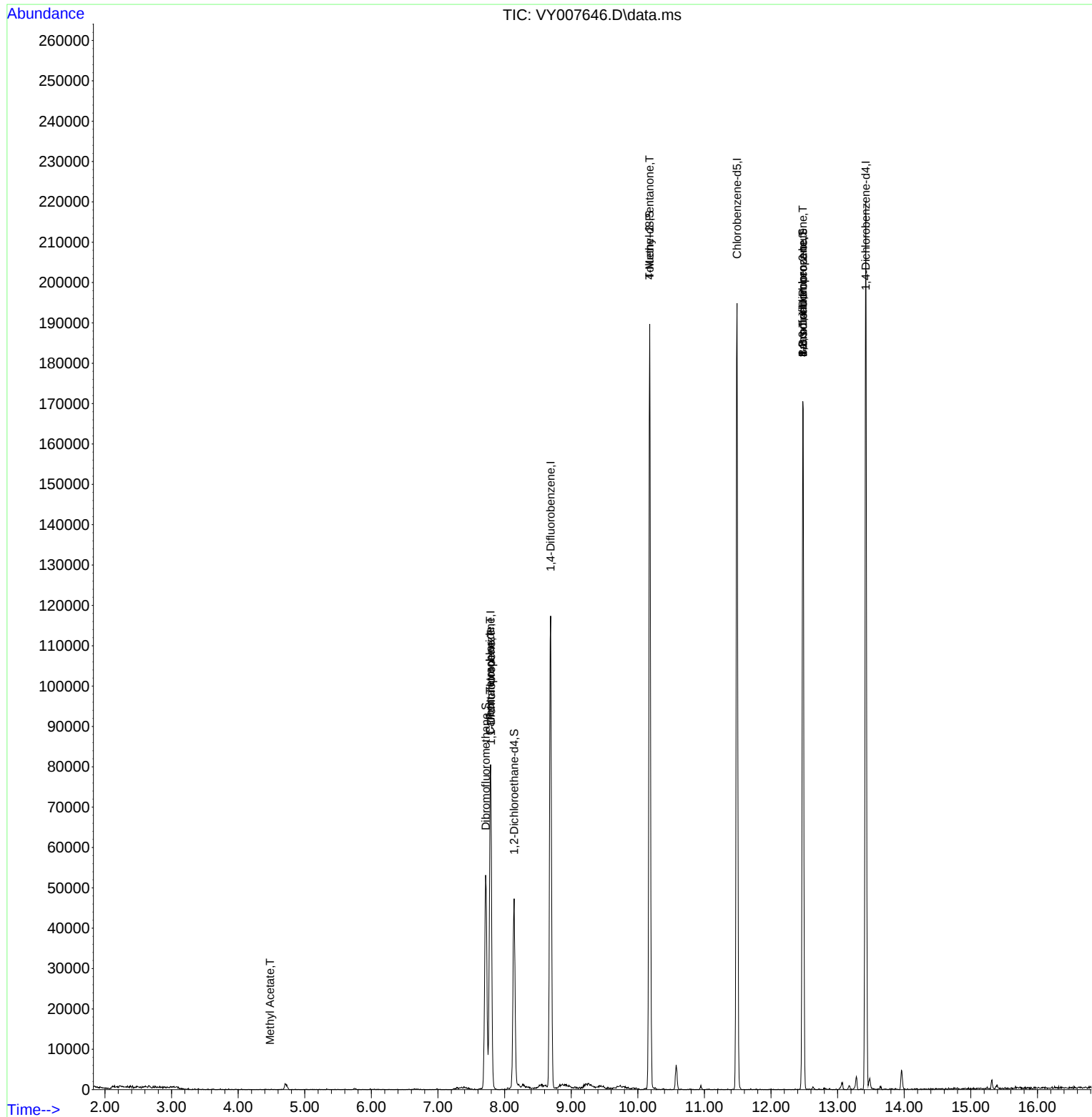
Internal Standards						
1) Pentafluorobenzene	7.789	168	60166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	99553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	104500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	36282	54.207	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.420%	
35) Dibromofluoromethane	7.716	113	32305	51.427	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.179	98	118503	50.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	12.477	95	43913	55.286	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.580%	
Target Compounds						Qvalue
5) Bromomethane	2.662	94	43	Below Cal	#	4
18) Methyl Acetate	4.479	43	25	1.317	ug/l #	56
20) Methylene Chloride	4.704	84	759	Below Cal	#	41
31) Cyclohexane	7.783	56	1459	Below Cal	#	33
36) 1,1-Dichloropropene	7.795	75	4475	4.944	ug/l #	55
38) Carbon Tetrachloride	7.783	117	6587	4.969	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	473	1.129	ug/l #	1
71) Bromoform	12.477	173	608	1.017	ug/l #	28
76) 1,2,3-Trichloropropane	12.477	75	26960	51.752	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26960	111.275	ug/l #	7

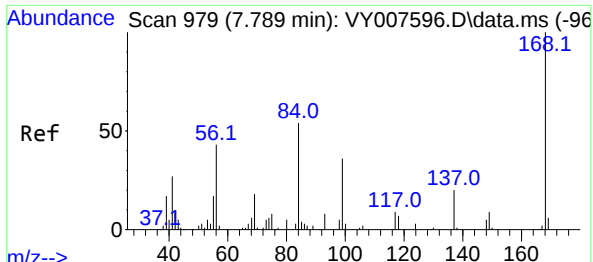
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
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TP-9

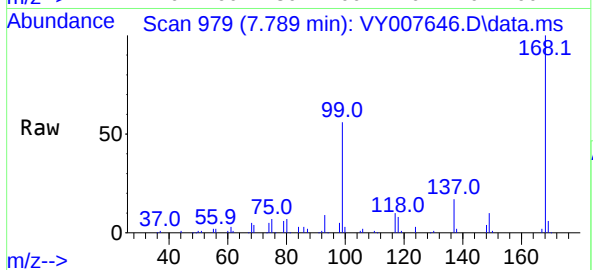
Quant Time: Feb 27 23:59:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
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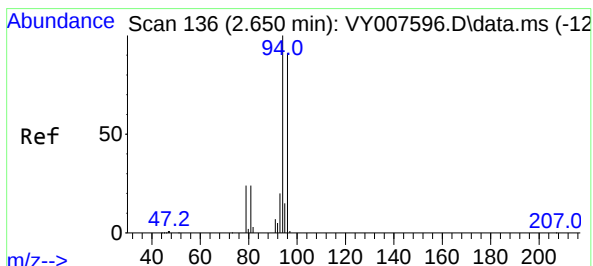
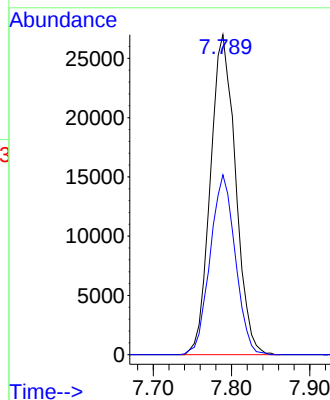
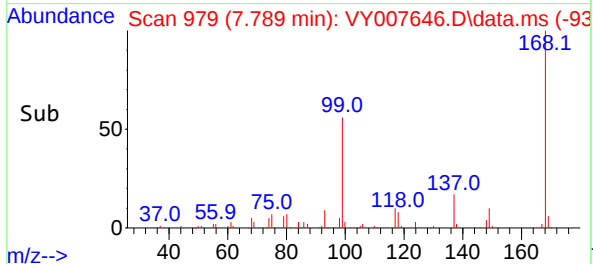


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

Instrument :
MSVOA_Y
ClientSampleId :
TP-9

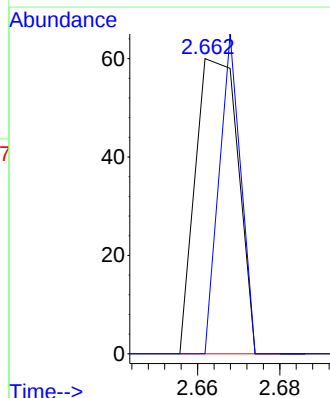
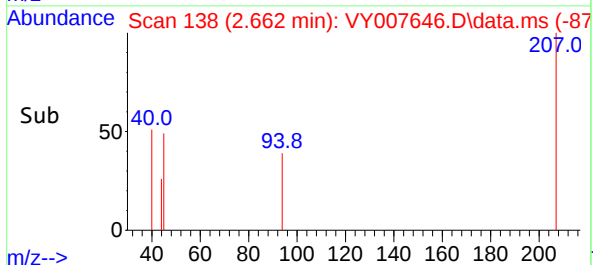
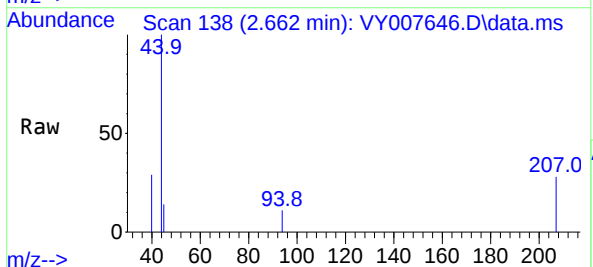


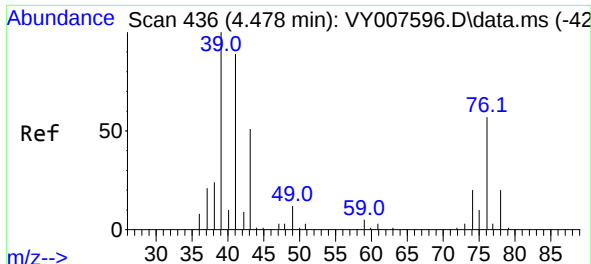
Tgt Ion:168 Resp: 60166
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 94 Resp: 43
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#

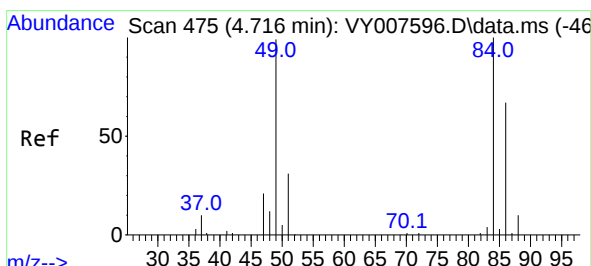
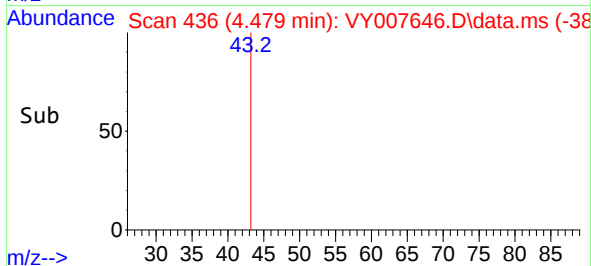
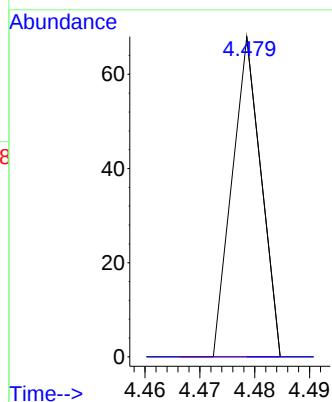
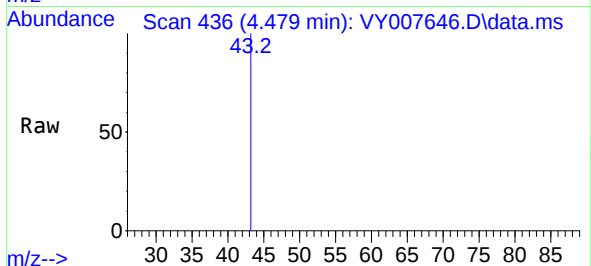




#18
Methyl Acetate
Concen: 1.317 ug/l
RT: 4.479 min Scan# 41
Delta R.T. 0.001 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

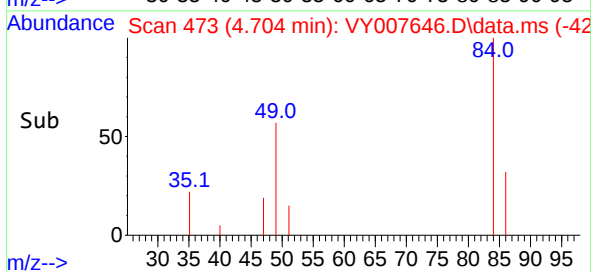
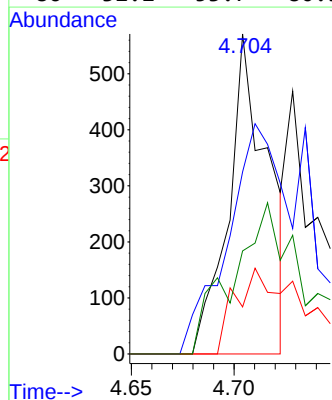
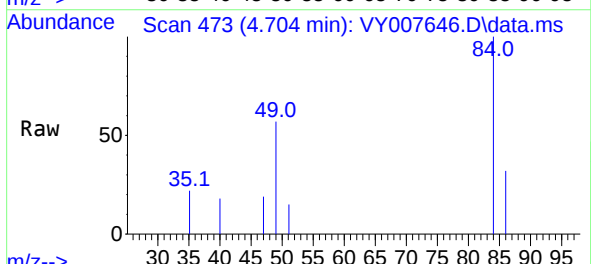
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

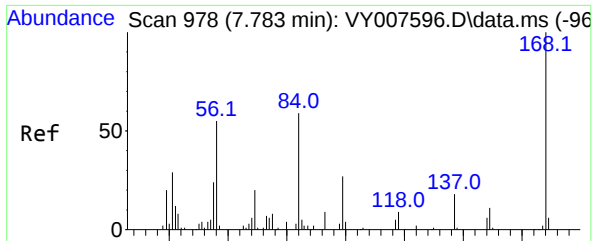
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

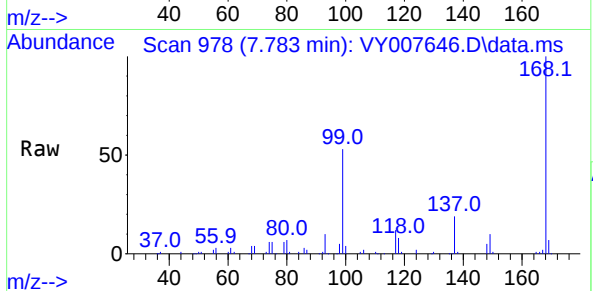
Tgt Ion: 84 Resp: 759
Ion Ratio Lower Upper
84 100
49 56.9 114.4 171.6#
51 14.7 35.3 52.9#
86 32.2 53.7 80.5#



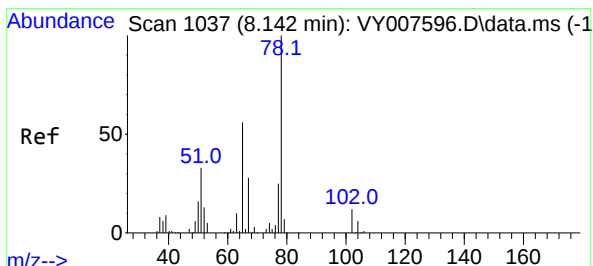
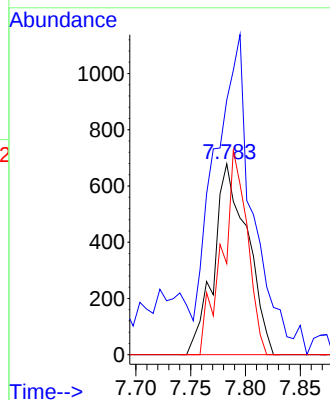
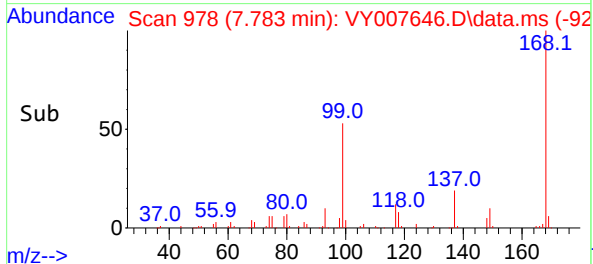


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

Instrument :
MSVOA_Y
ClientSampleId :
TP-9

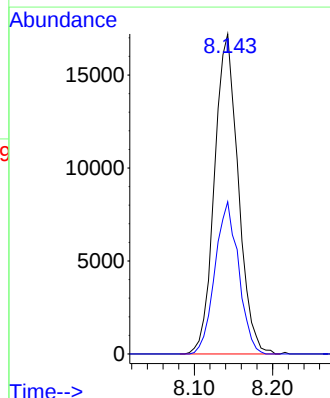
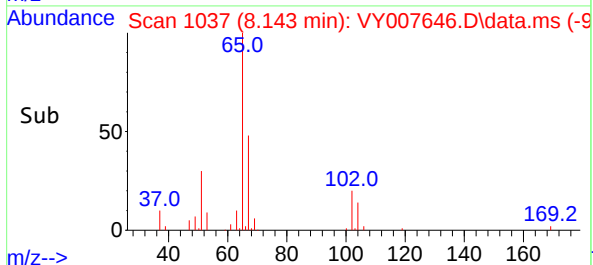
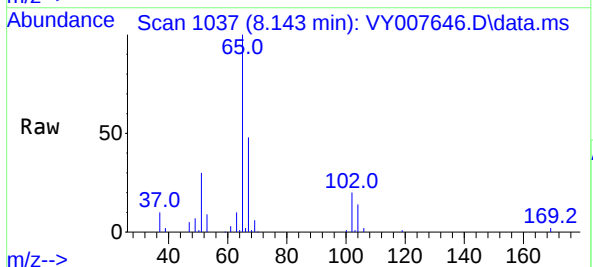


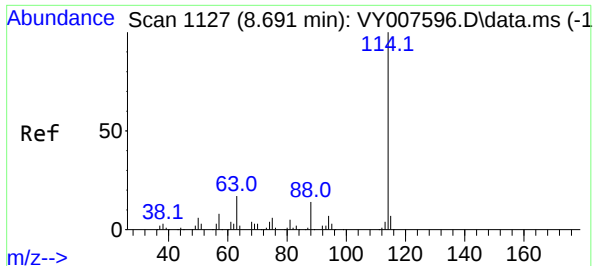
Tgt Ion: 56 Resp: 1459
Ion Ratio Lower Upper
56 100
69 109.9 26.7 40.1#
84 47.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.207 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 65 Resp: 36282
Ion Ratio Lower Upper
65 100
67 47.3 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: VY007646.D

Acq: 25 Feb 2022 18:55

Instrument :

MSVOA_Y

ClientSampleId :

TP-9

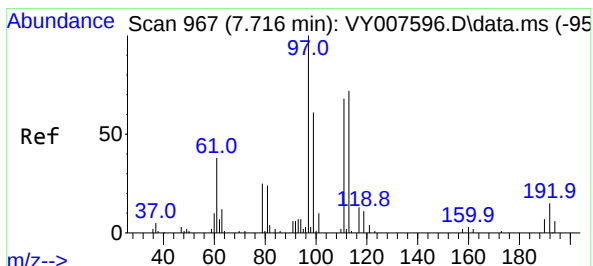
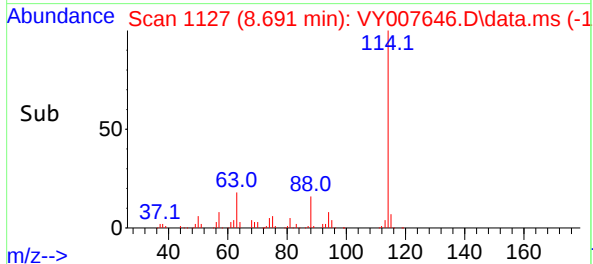
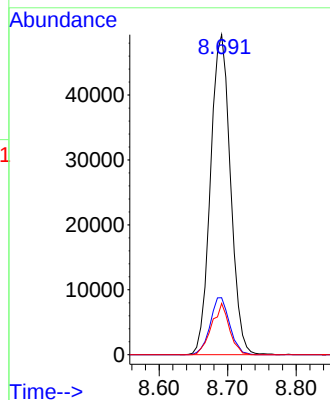
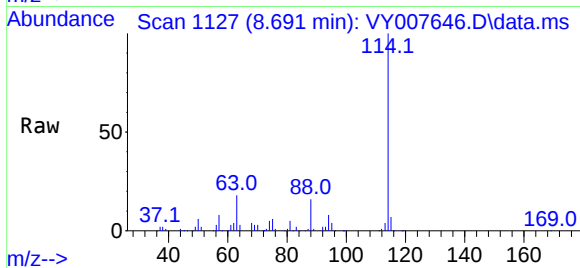
Tgt Ion:114 Resp: 99553

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 16.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.427 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007646.D

Acq: 25 Feb 2022 18:55

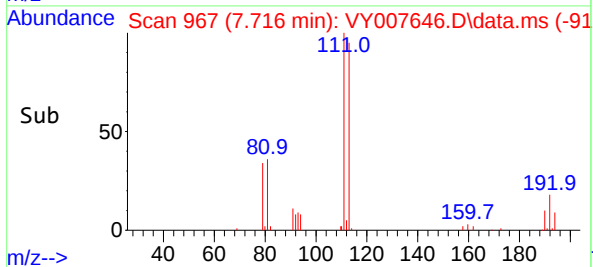
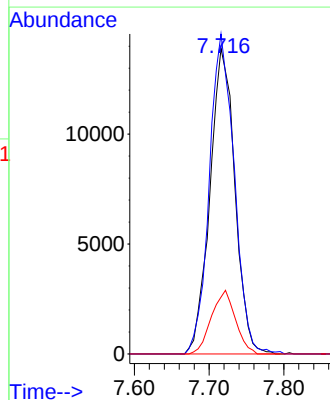
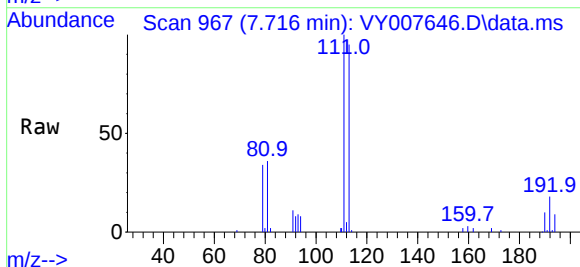
Tgt Ion:113 Resp: 32305

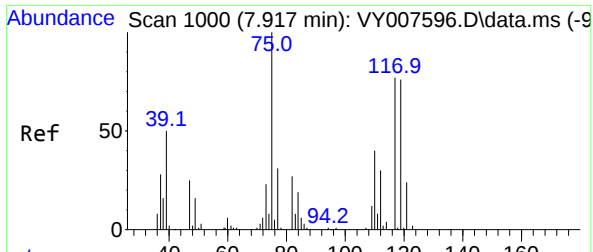
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 20.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.944 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007646.D

Acq: 25 Feb 2022 18:55

Instrument :

MSVOA_Y

ClientSampleId :

TP-9

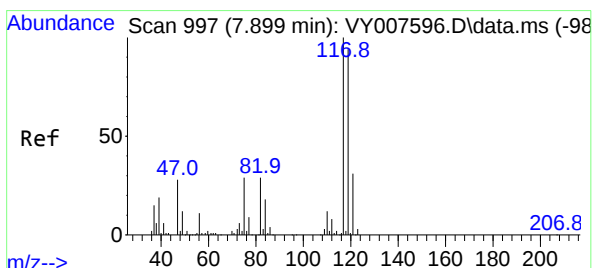
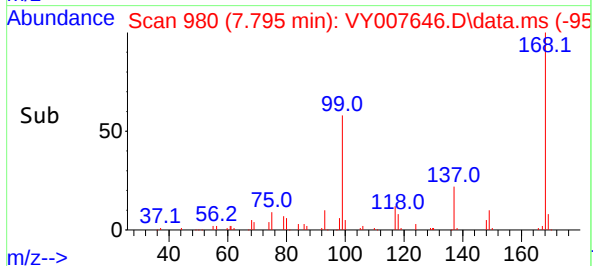
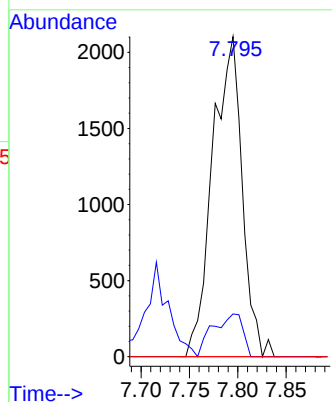
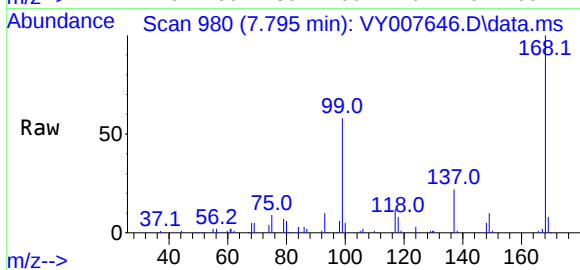
Tgt Ion: 75 Resp: 4475

Ion Ratio Lower Upper

75 100

110 13.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.969 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY007646.D

Acq: 25 Feb 2022 18:55

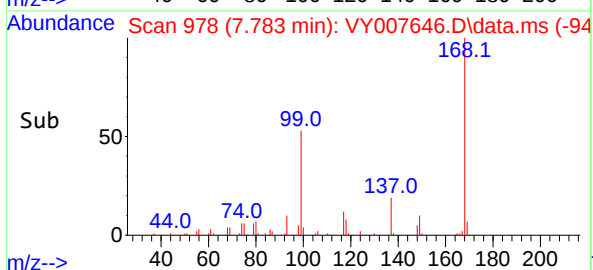
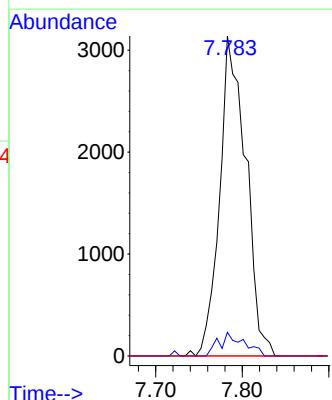
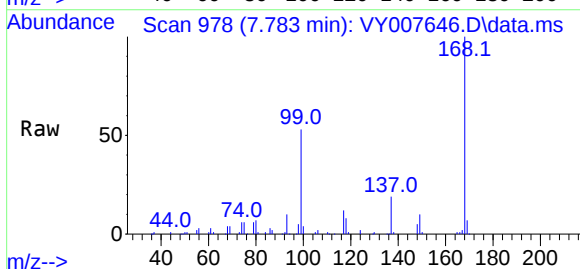
Tgt Ion: 117 Resp: 6587

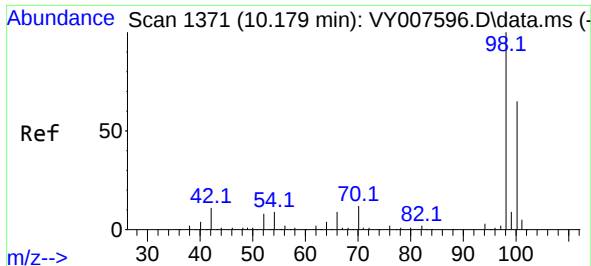
Ion Ratio Lower Upper

117 100

119 7.4 77.9 116.9#

121 0.0 24.8 37.2#

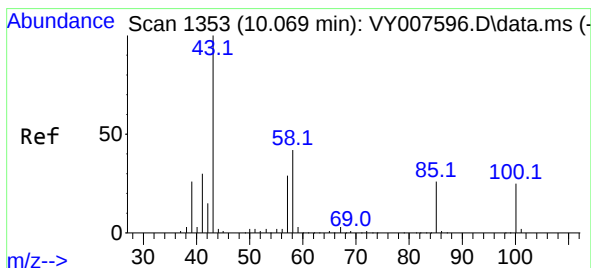
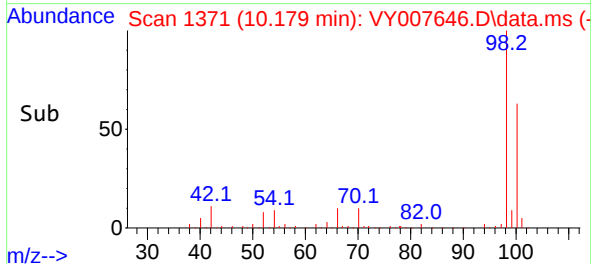
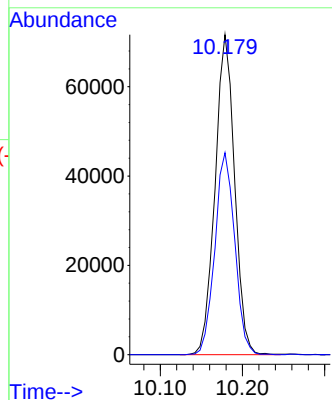
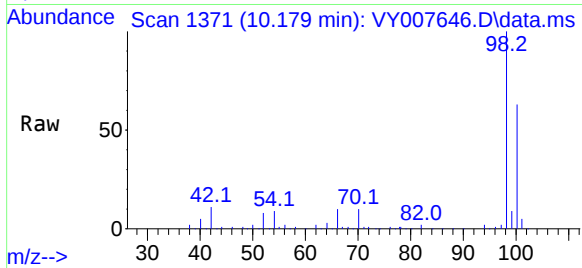




#50
Toluene-d8
Concen: 50.914 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

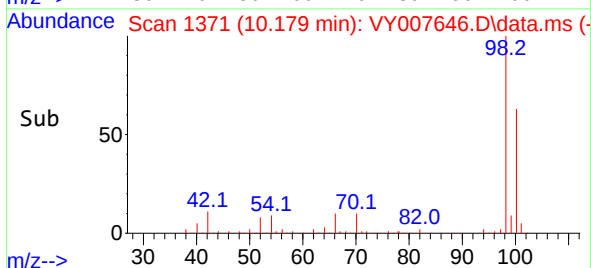
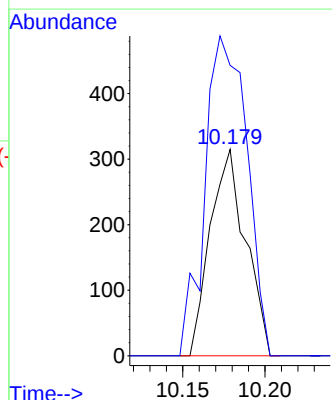
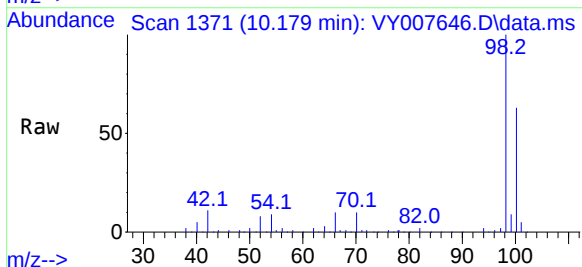
Instrument :
MSVOA_Y
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TP-9

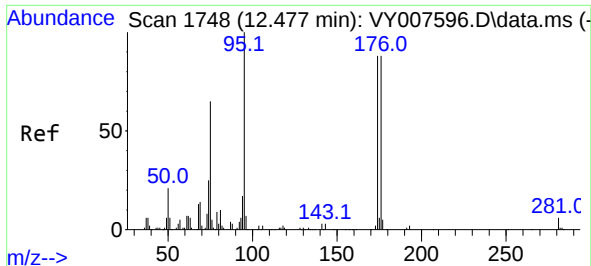
Tgt Ion: 98 Resp: 118503
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.129 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 43 Resp: 473
Ion Ratio Lower Upper
43 100
58 183.1 28.1 42.1#



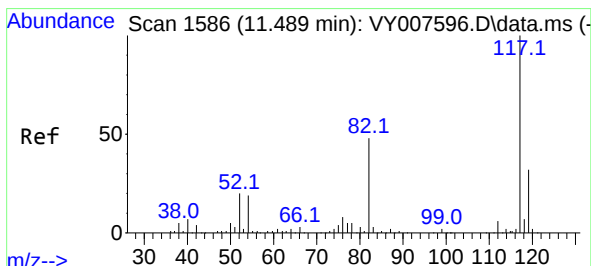
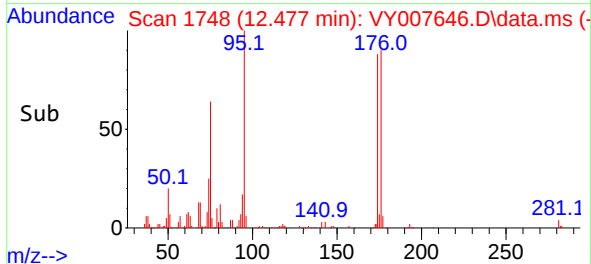
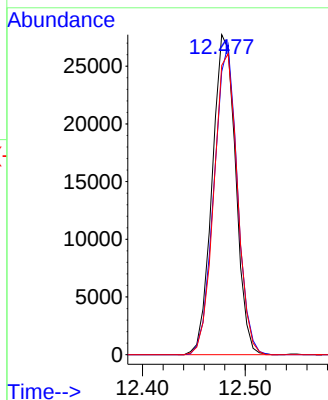
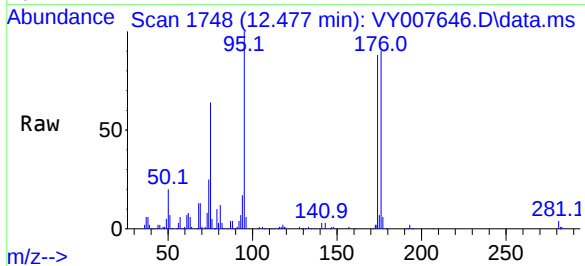


#62
4-Bromofluorobenzene
Concen: 55.286 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

Instrument :
MSVOA_Y
ClientSampleId :
TP-9

Tgt Ion: 95 Resp: 43913

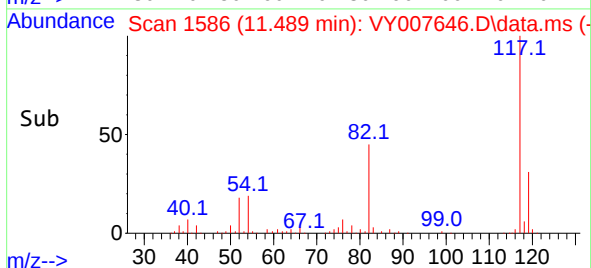
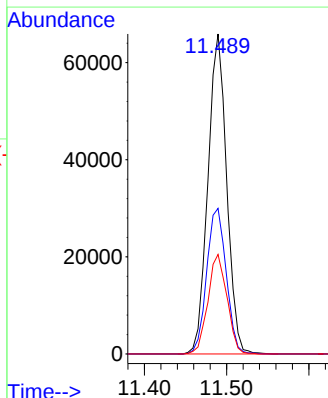
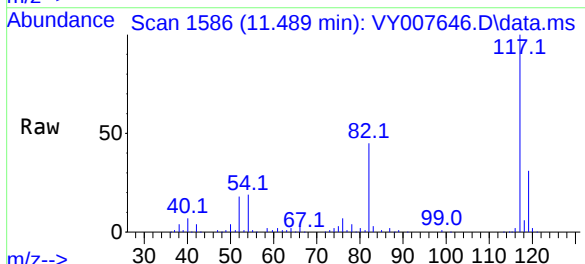
Ion	Ratio	Lower	Upper
95	100		
174	95.6	0.0	177.0
176	94.2	0.0	175.8

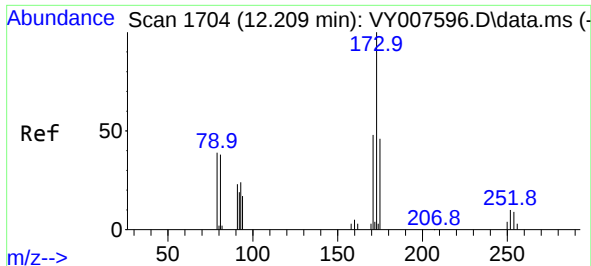


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 117 Resp: 104500

Ion	Ratio	Lower	Upper
117	100		
82	45.5	43.0	64.4
119	31.1	25.4	38.0

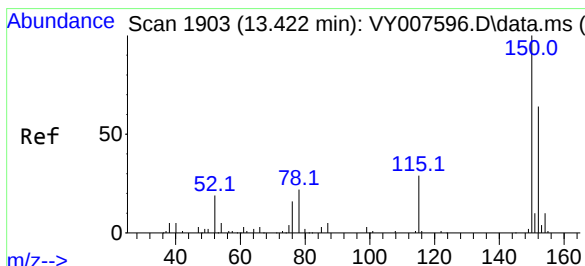
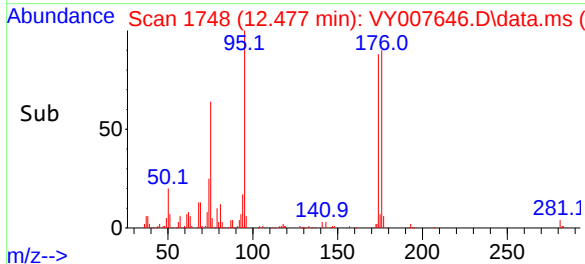
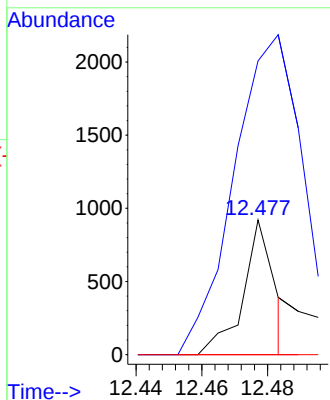
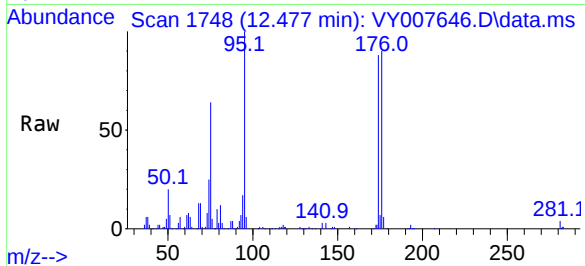




#71
Bromoform
Concen: 1.017 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.268 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

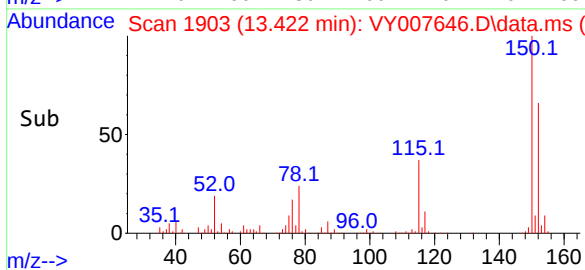
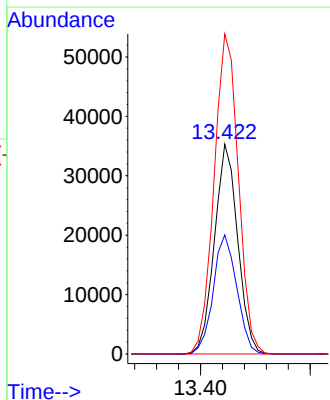
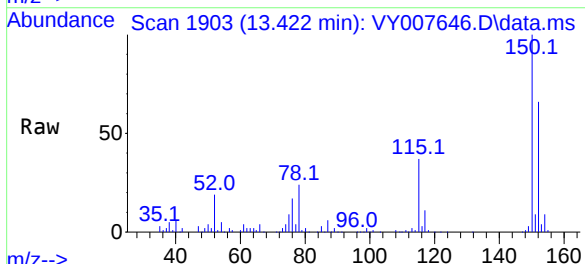
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

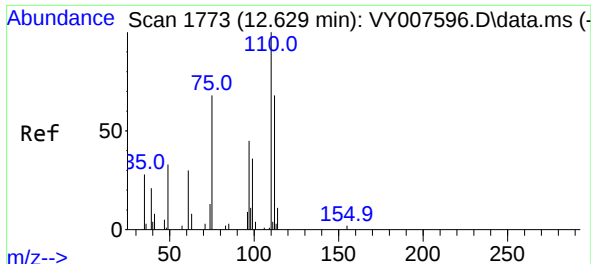
Tgt Ion:173 Resp: 608
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

Tgt Ion:152 Resp: 52087
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 159.0 0.0 347.6

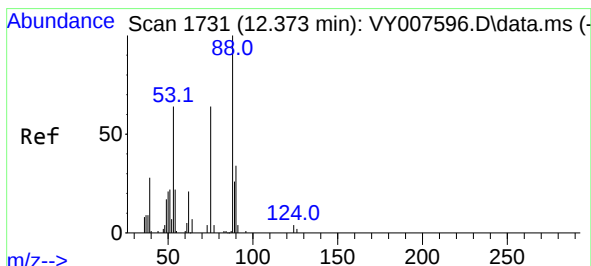
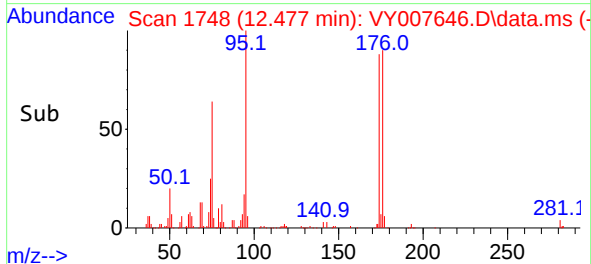
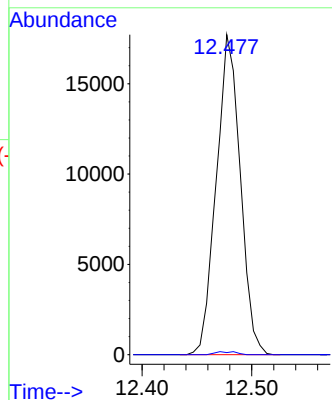
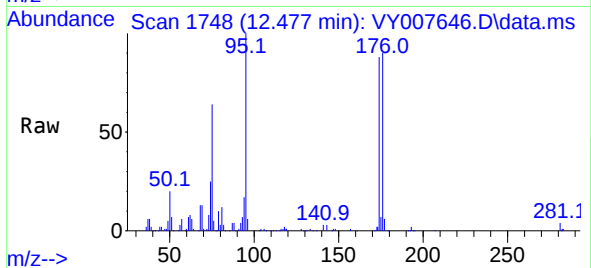




#76
1,2,3-Trichloropropane
Concen: 51.752 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

Instrument :
MSVOA_Y
ClientSampleId :
TP-9

Tgt Ion: 75 Resp: 26960
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.275 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY007646.D
Acq: 25 Feb 2022 18:55

Tgt Ion: 75 Resp: 26960
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

