

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009395.D
 Acq On : 30 Jun 2022 15:59
 Operator : KP/MD
 Sample : N3488-15
 Misc : 3.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 03:47:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

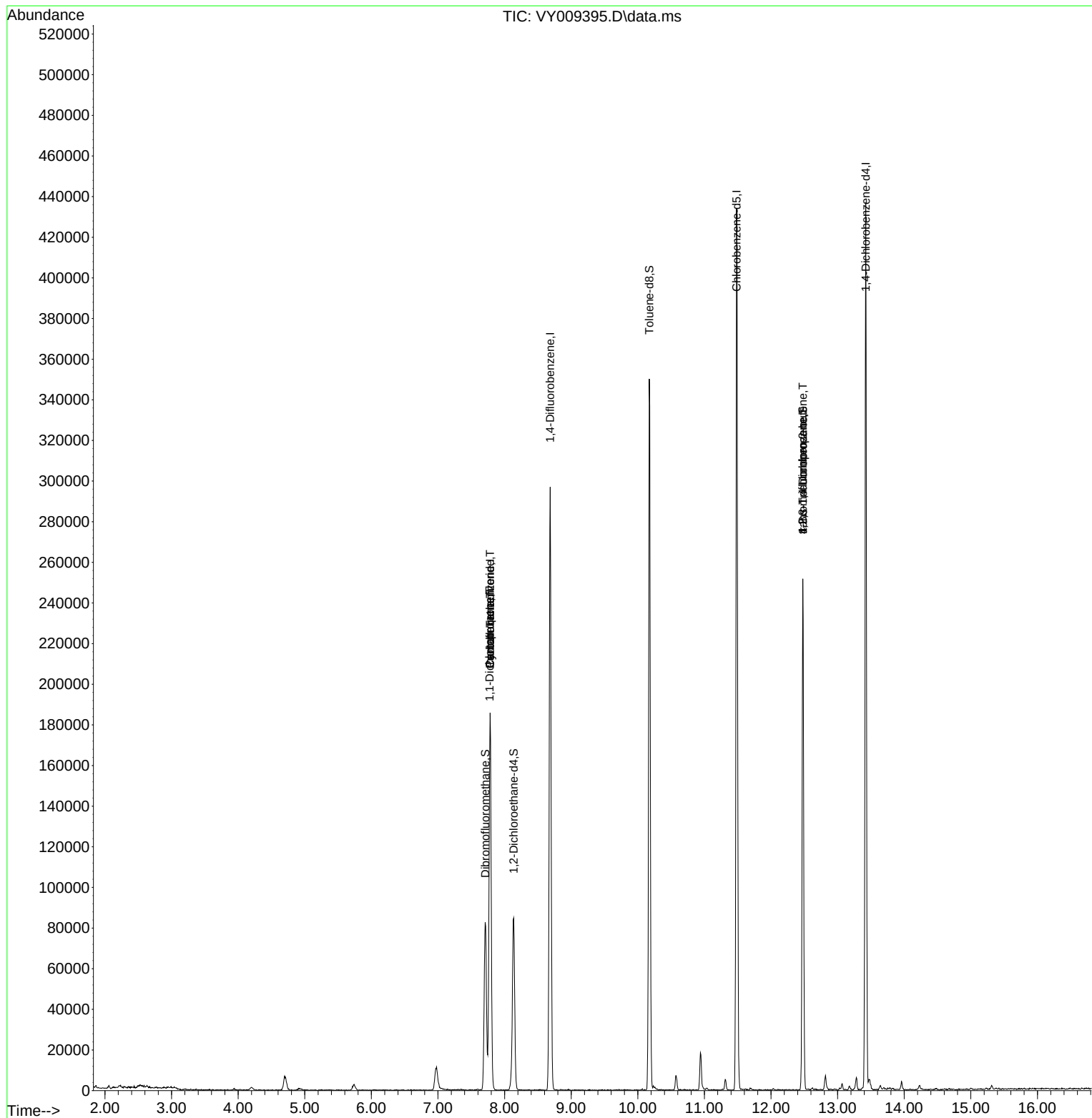
Internal Standards						
1) Pentafluorobenzene	7.783	168	145421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	231093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	104525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63074	54.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.300%	
35) Dibromofluoromethane	7.710	113	58040	42.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.480%	
50) Toluene-d8	10.173	98	223086	53.578	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.160%	
62) 4-Bromofluorobenzene	12.477	95	69418	35.153	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	231	Below Cal	#	77
18) Methyl Acetate	4.460	43	48	Below Cal	#	56
20) Methylene Chloride	4.698	84	5066	Below Cal		96
31) Cyclohexane	7.783	56	3243	1.238	ug/l #	29
36) 1,1-Dichloropropene	7.777	75	11710	4.932	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13921	5.609	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	36641	29.934	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	36641	66.647	ug/l #	7

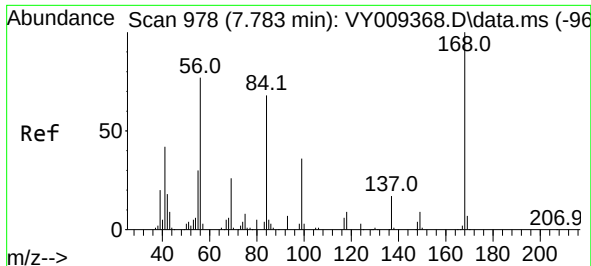
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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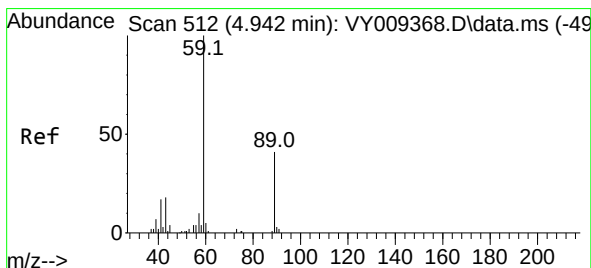
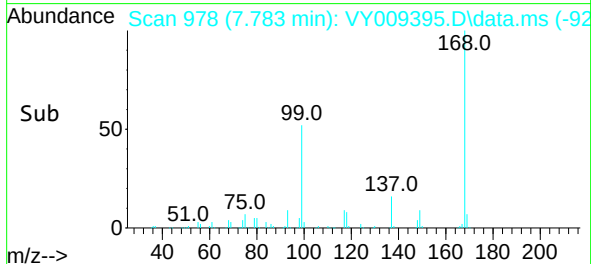
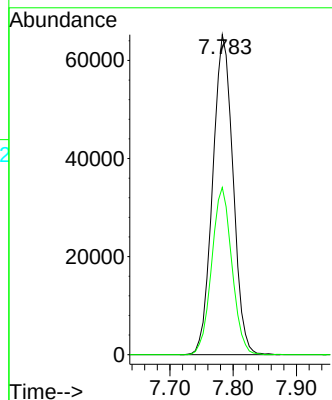
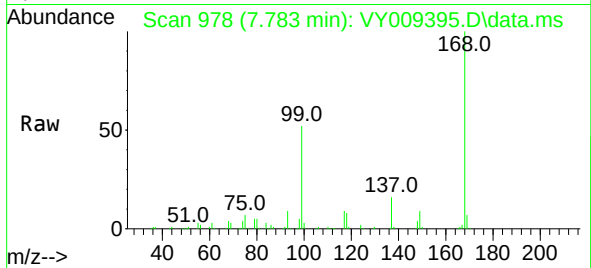




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

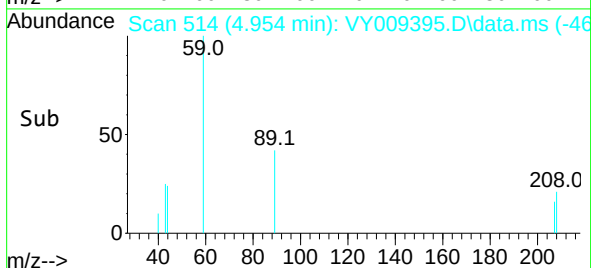
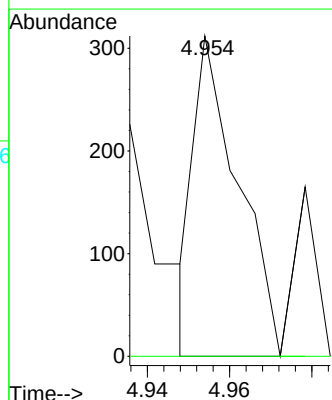
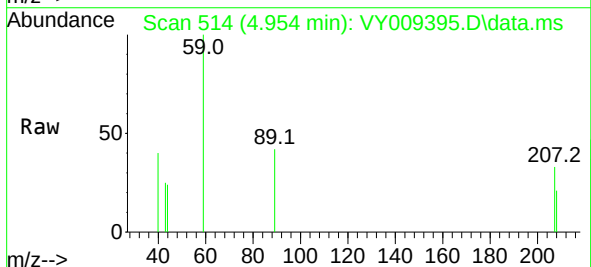
Instrument :
MSVOA_Y
ClientSampleId :

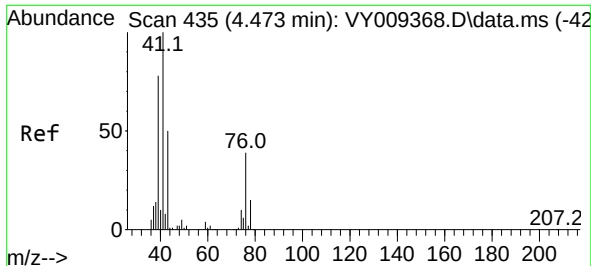
Tgt Ion:168 Resp: 145421
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

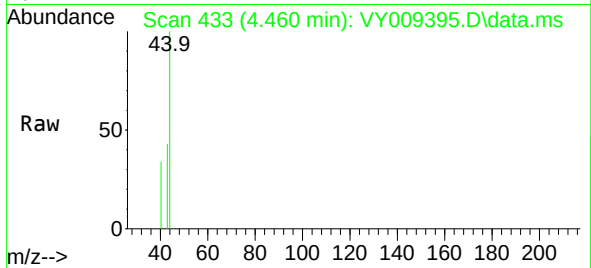
Tgt Ion: 59 Resp: 231
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



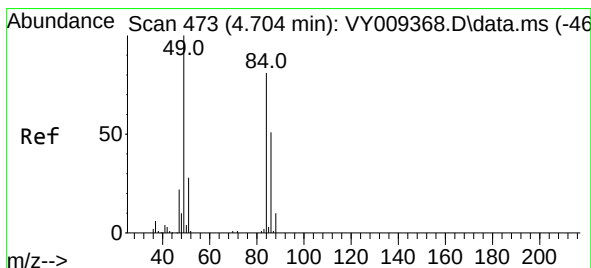
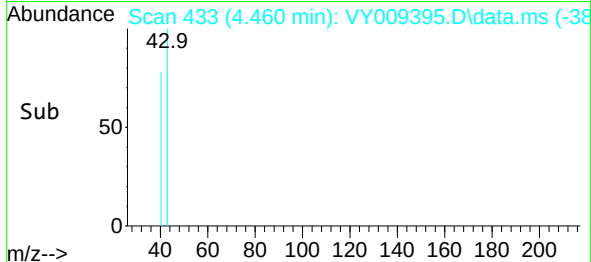
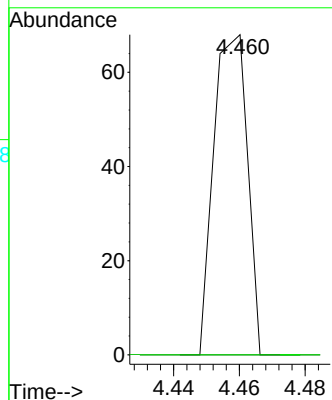


#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :

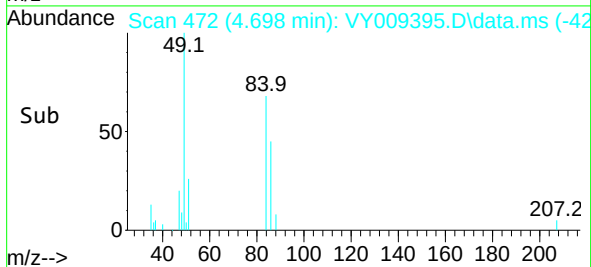
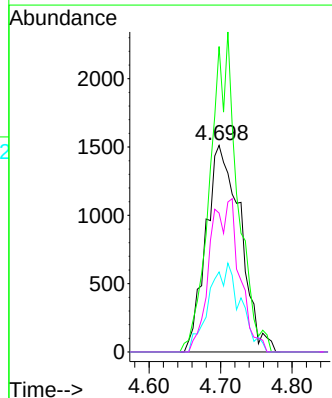
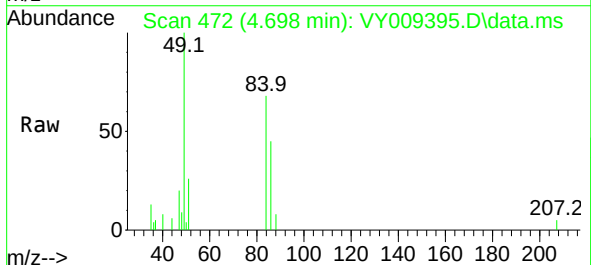


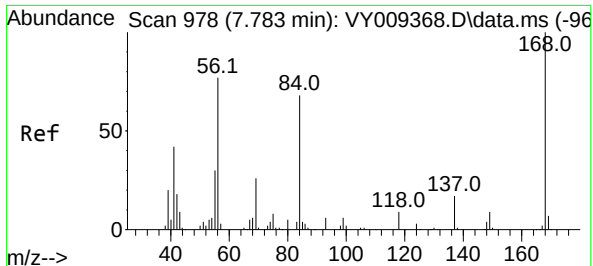
Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

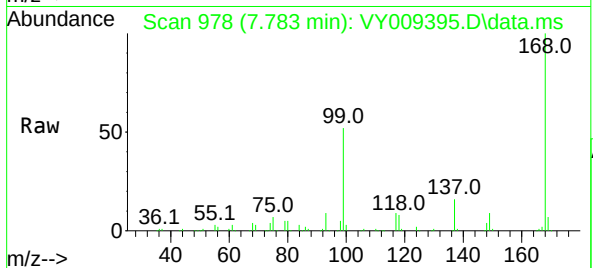
Tgt Ion: 84 Resp: 5066
Ion Ratio Lower Upper
84 100
49 147.9 114.4 171.6
51 38.8 35.3 52.9
86 67.3 53.7 80.5



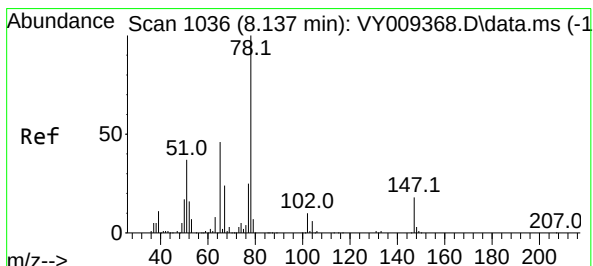
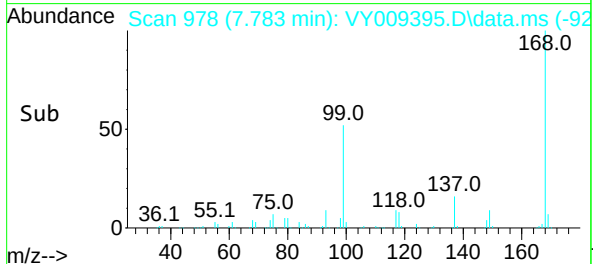
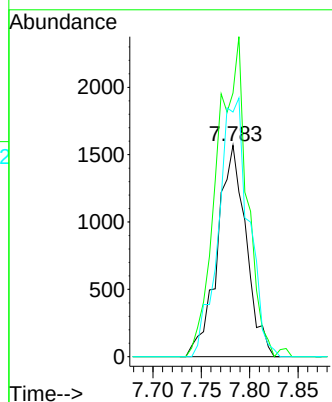


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :

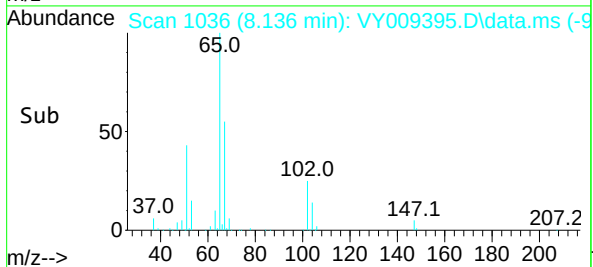
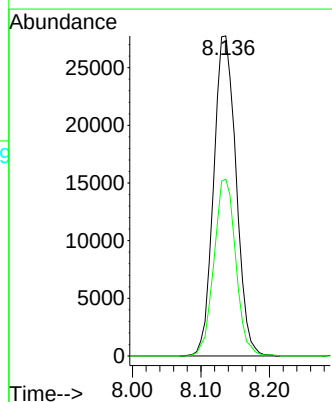
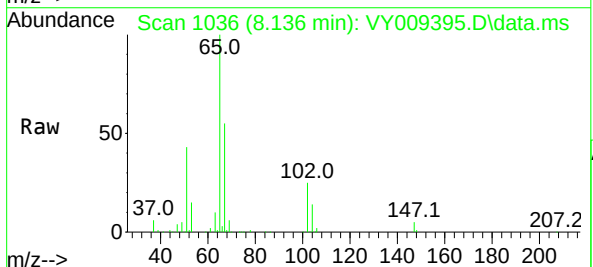


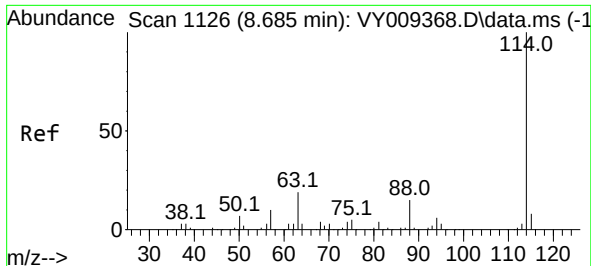
Tgt Ion: 56 Resp: 3243
Ion Ratio Lower Upper
56 100
69 124.8 26.7 40.1#
84 115.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.152 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 65 Resp: 63074
Ion Ratio Lower Upper
65 100
67 53.7 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: VY009395.D

Acq: 30 Jun 2022 15:59

Instrument :

MSVOA_Y

ClientSampleId :

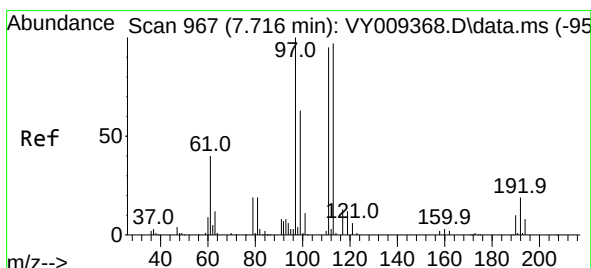
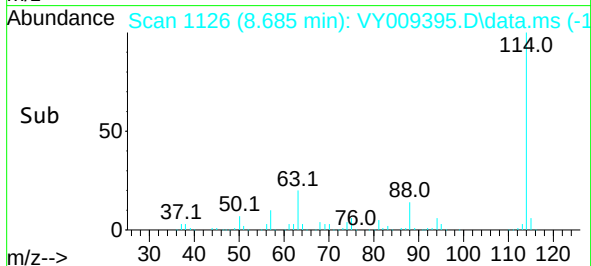
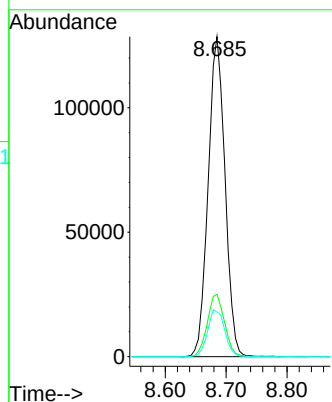
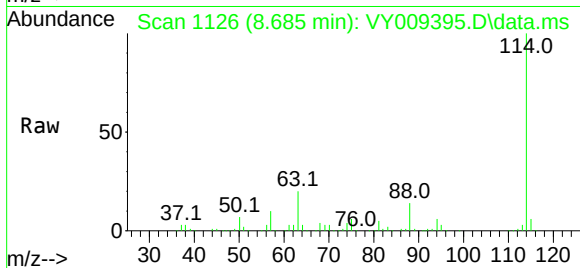
Tgt Ion:114 Resp: 246746

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.738 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009395.D

Acq: 30 Jun 2022 15:59

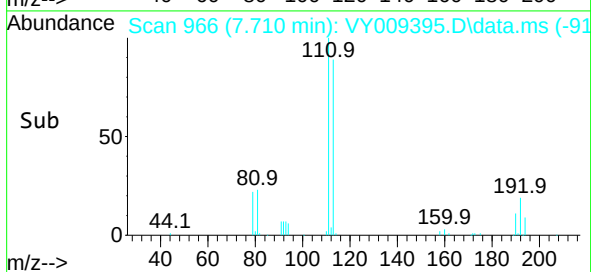
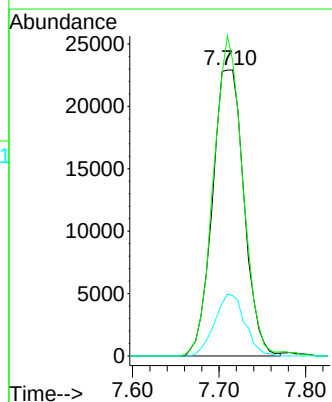
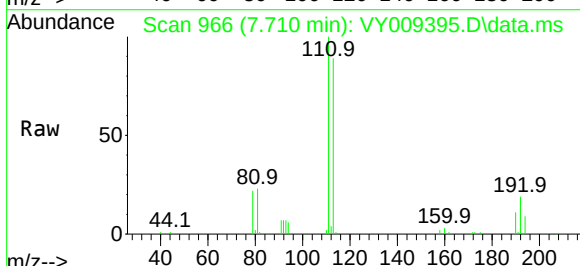
Tgt Ion:113 Resp: 58040

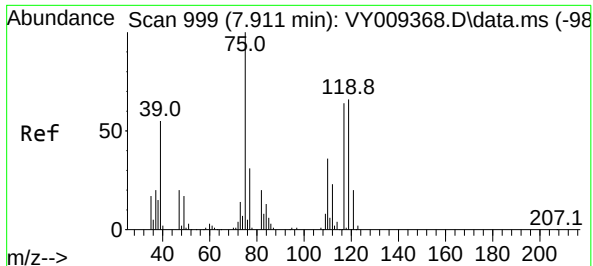
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 20.6 17.6 26.4

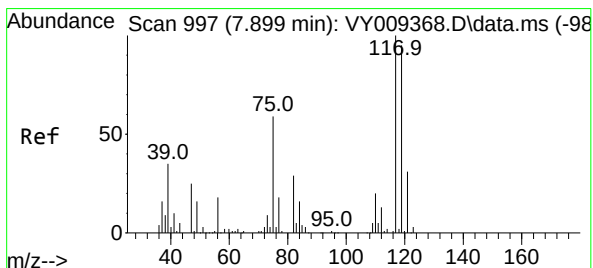
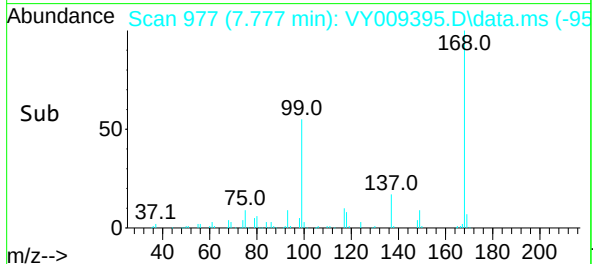
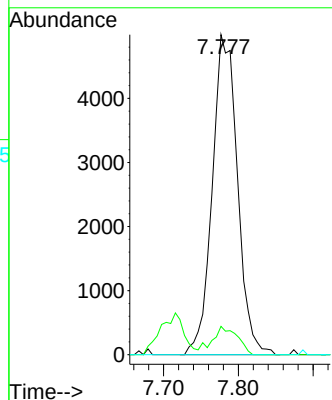
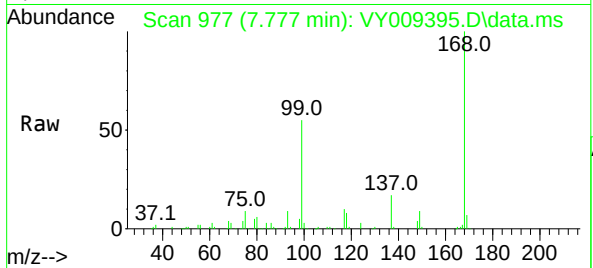




#36
1,1-Dichloropropene
Concen: 4.932 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

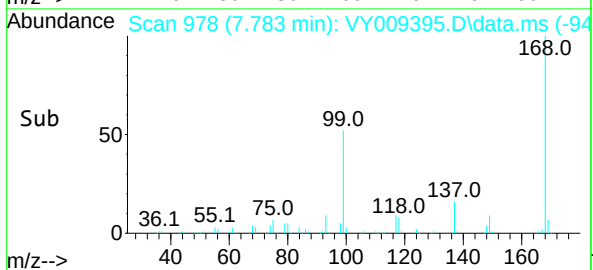
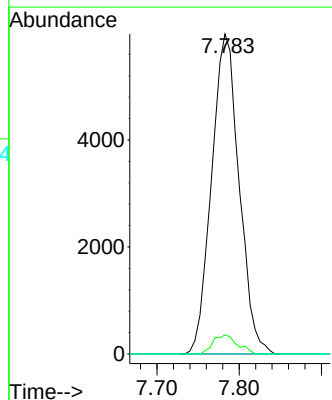
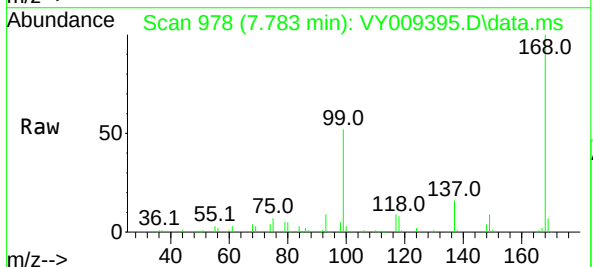
Instrument :
MSVOA_Y
ClientSampleId :

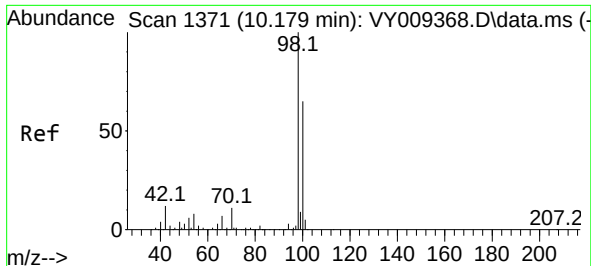
Tgt Ion: 75 Resp: 11710
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.609 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 117 Resp: 13921
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#

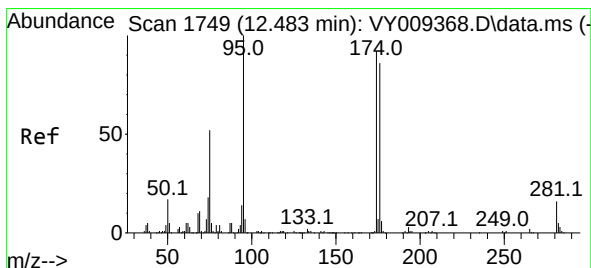
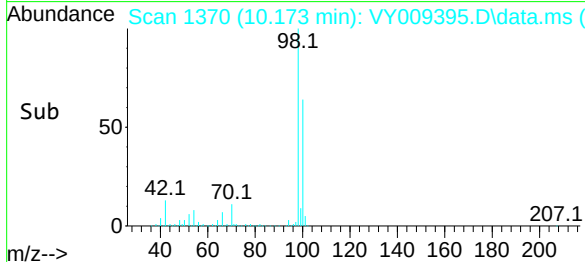
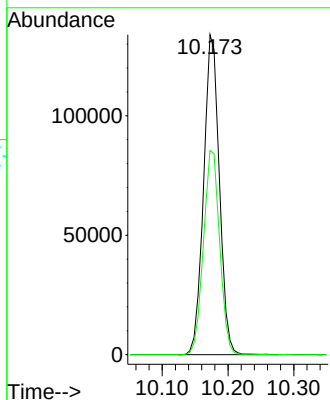
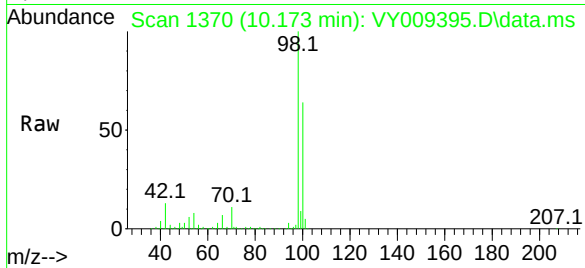




#50
Toluene-d8
Concen: 53.578 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

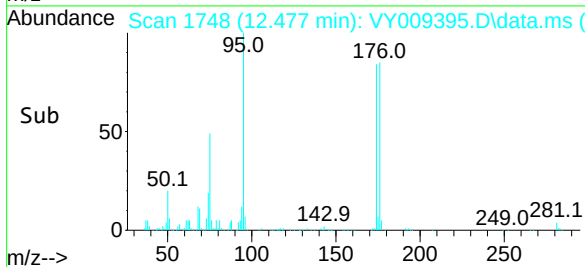
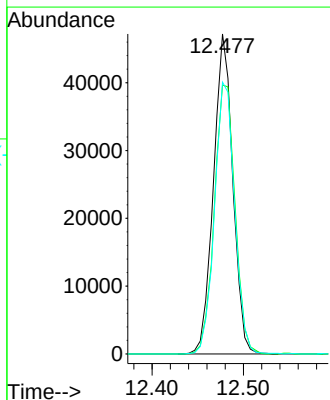
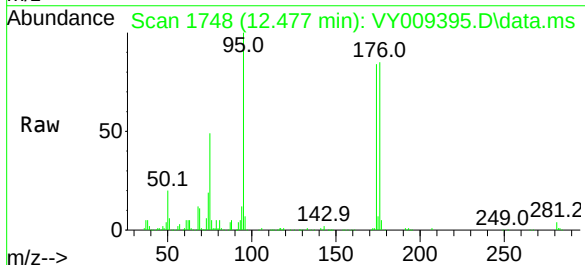
Instrument :
MSVOA_Y
ClientSampleId :

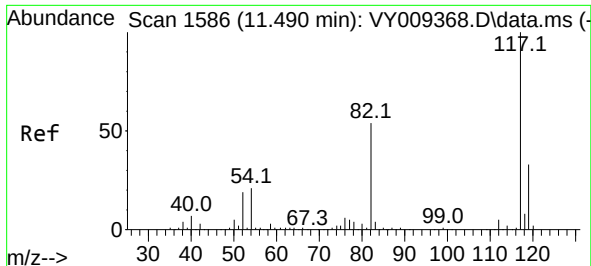
Tgt Ion: 98 Resp: 223086
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.153 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 95 Resp: 69418
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 88.2 0.0 175.8

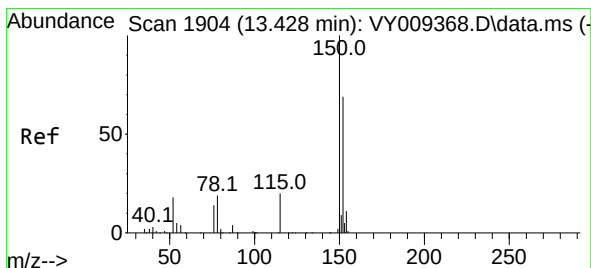
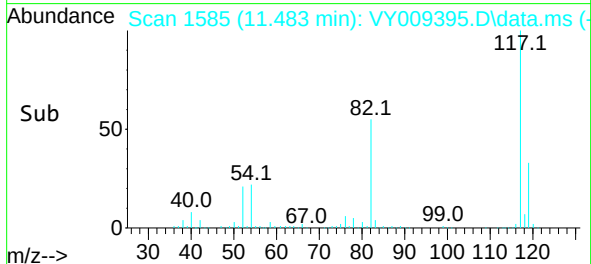
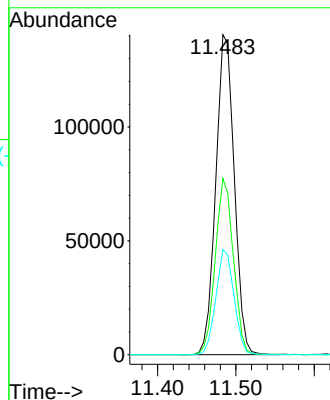
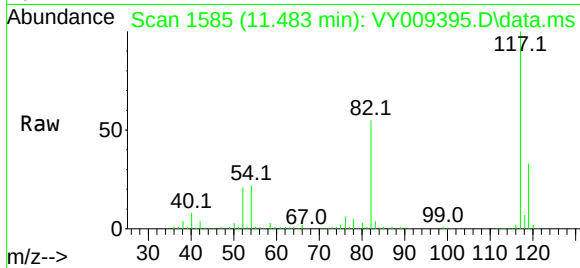




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

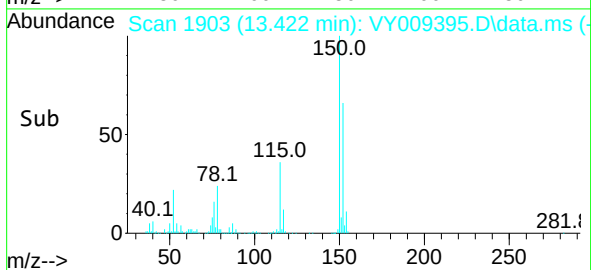
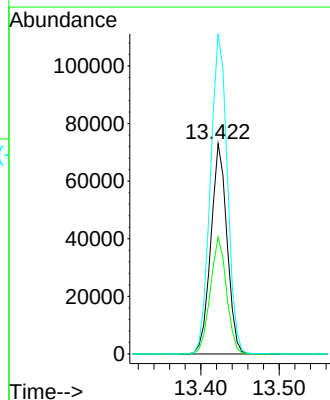
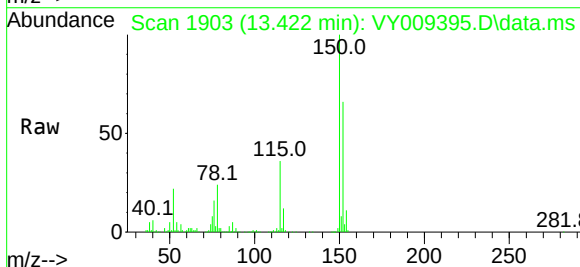
Instrument :
MSVOA_Y
ClientSampleId :

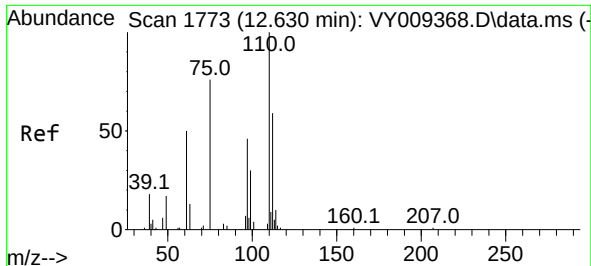
Tgt Ion:117 Resp: 231093
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

Tgt Ion:152 Resp: 104525
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 159.1 0.0 347.6

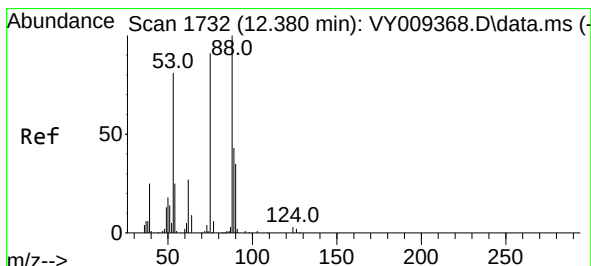
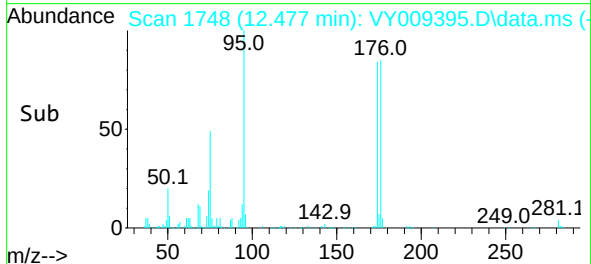
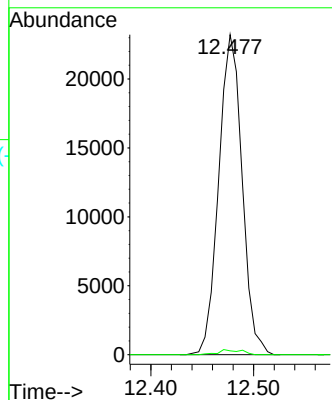
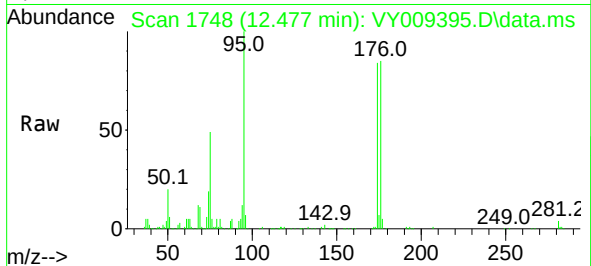




#76
1,2,3-Trichloropropane
Concen: 29.934 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 36641
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.647 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009395.D
Acq: 30 Jun 2022 15:59

Tgt Ion: 75 Resp: 36641
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

