

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009396.D
 Acq On : 30 Jun 2022 16:23
 Operator : KP/MD
 Sample : N3488-16
 Misc : 3.77g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 03:47:45 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)

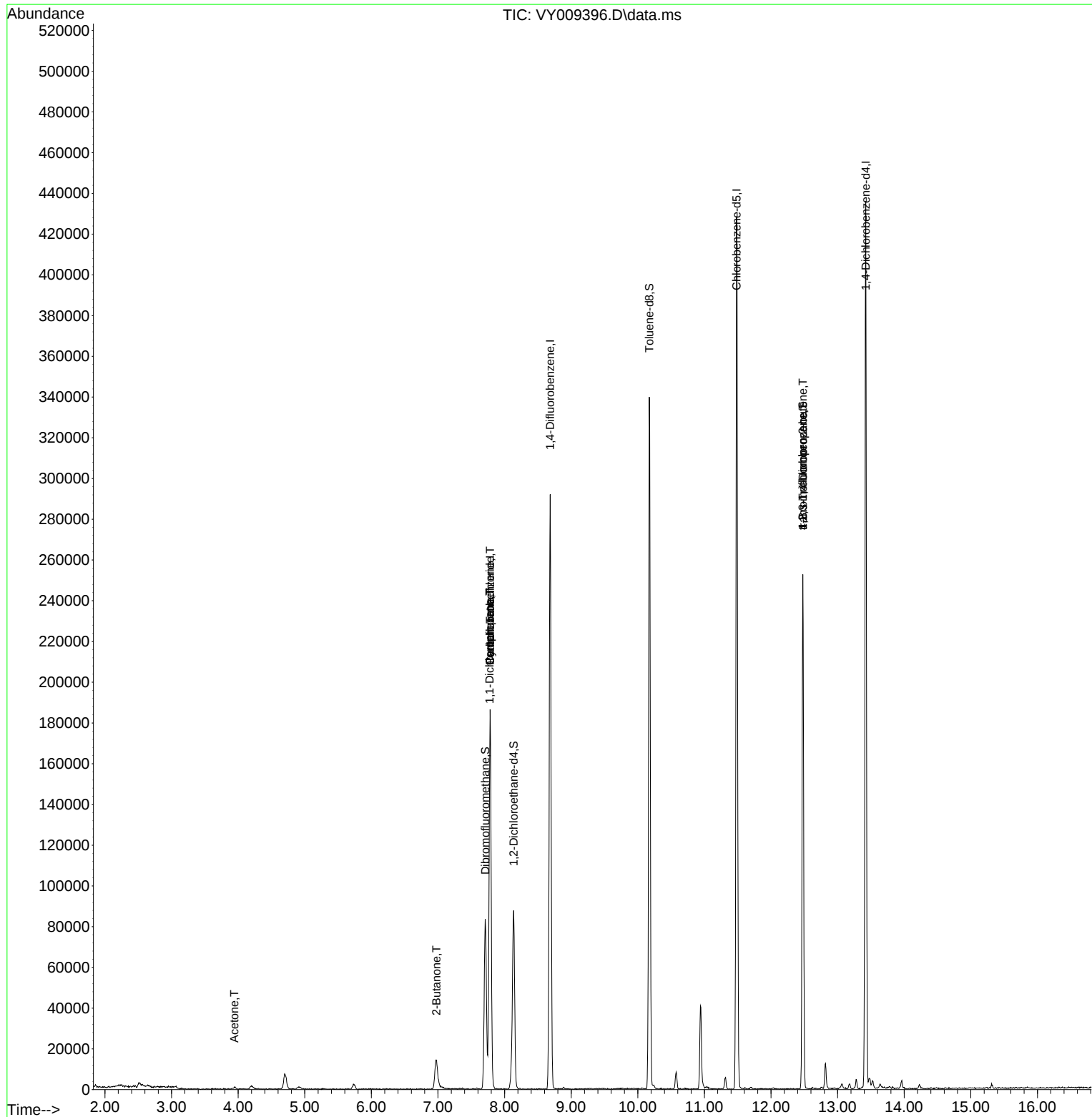
Internal Standards						
1) Pentafluorobenzene	7.783	168	142370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	244534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	227997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	105809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	62898	55.158	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 110.320%		
35) Dibromofluoromethane	7.710	113	57767	42.922	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 85.840%		
50) Toluene-d8	10.173	98	214605	52.008	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.020%		
62) 4-Bromofluorobenzene	12.477	95	68438	34.970	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 69.940%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	1404	Below Cal	#	77
16) Acetone	3.942	43	1524	4.069	ug/l	93
18) Methyl Acetate	4.454	43	120	Below Cal	#	56
20) Methylene Chloride	4.704	84	5389	Below Cal		85
25) 2-Butanone	6.978	43	998	1.681	ug/l	96
31) Cyclohexane	7.783	56	3108	1.212	ug/l #	1
36) 1,1-Dichloropropene	7.777	75	10987	4.669	ug/l #	52
38) Carbon Tetrachloride	7.783	117	13222	5.376	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	37196	30.018	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37196	66.835	ug/l #	7

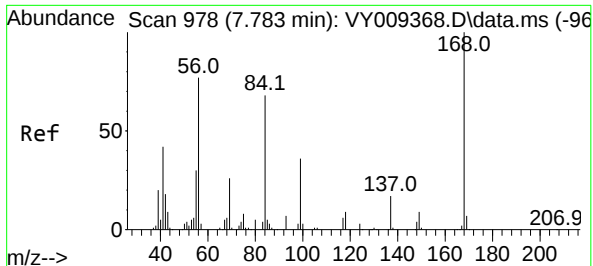
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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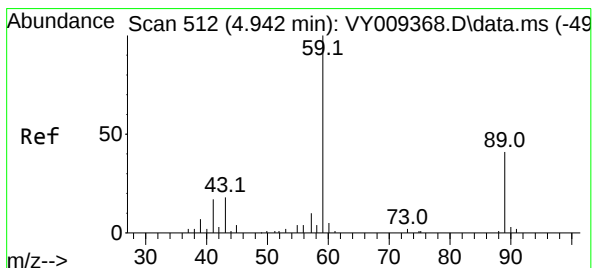
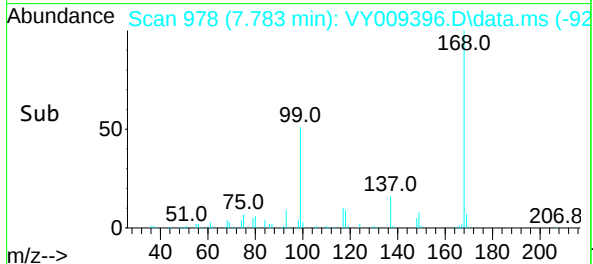
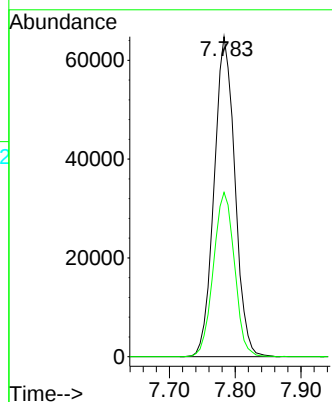
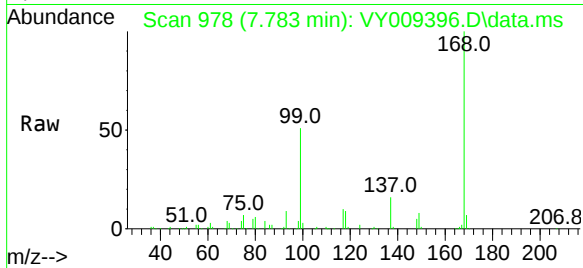




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

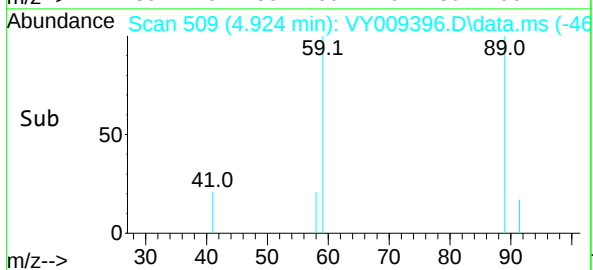
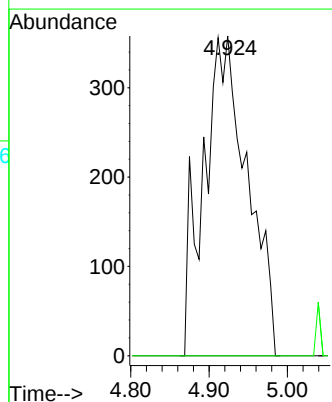
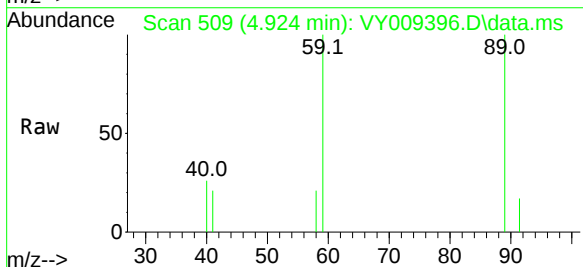
Instrument :
MSVOA_Y
ClientSampleId :

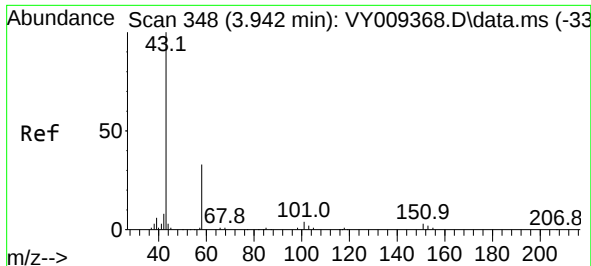
Tgt Ion:168 Resp: 142370
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

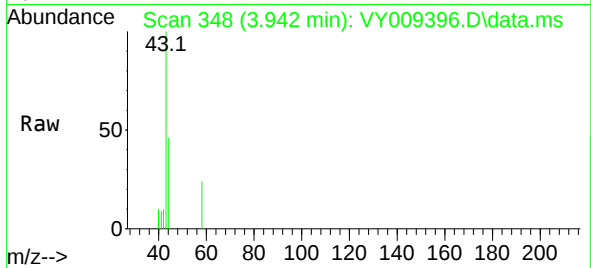
Tgt Ion: 59 Resp: 1404
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



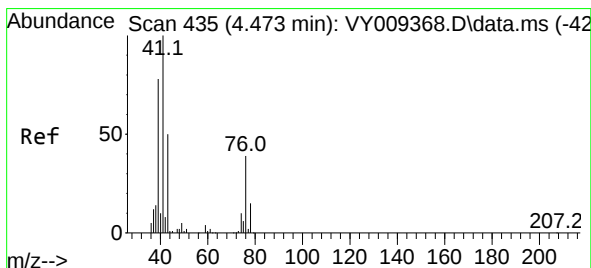
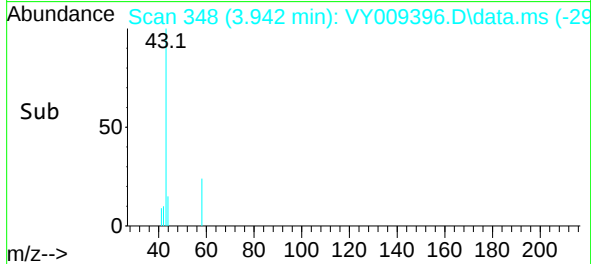
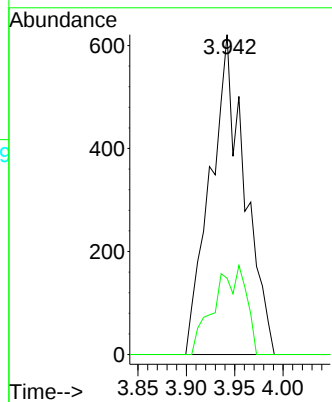


#16
Acetone
Concen: 4.069 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

Instrument :
MSVOA_Y
ClientSampleId :

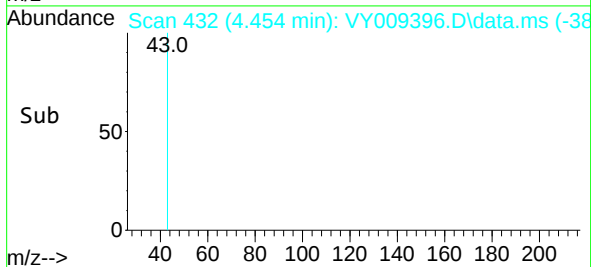
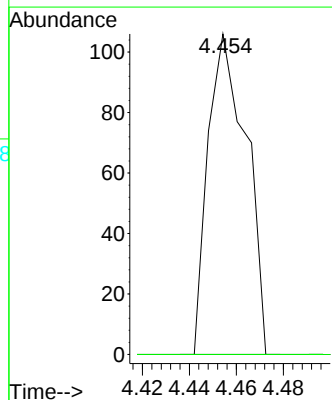
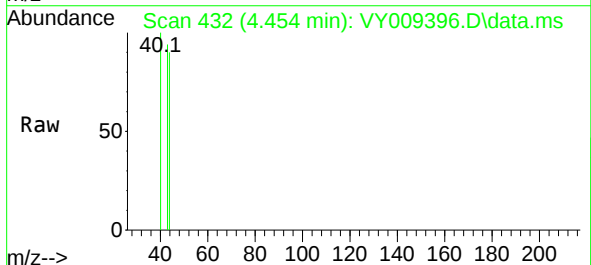


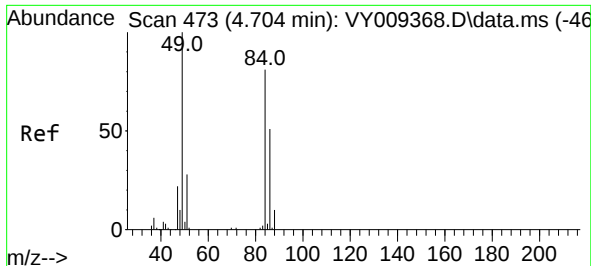
Tgt Ion: 43 Resp: 1524
Ion Ratio Lower Upper
43 100
58 23.8 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.454 min Scan# 432
Delta R.T. -0.019 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

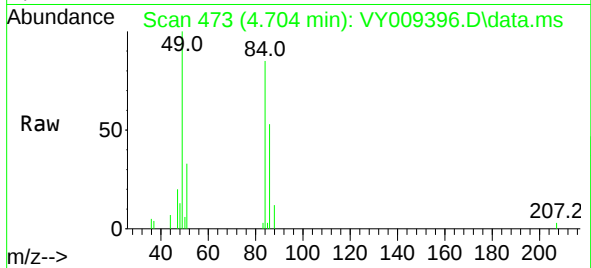
Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





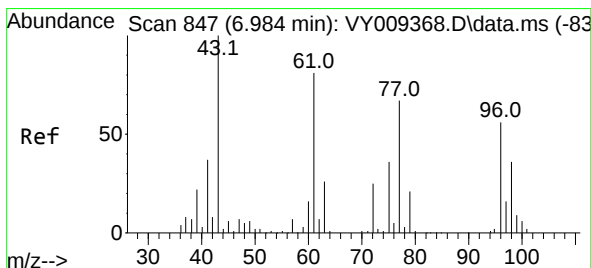
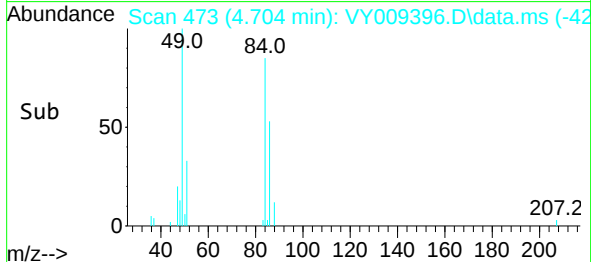
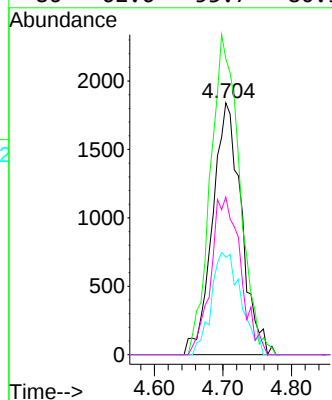
#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 5389

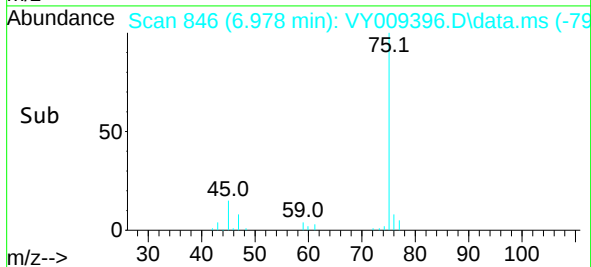
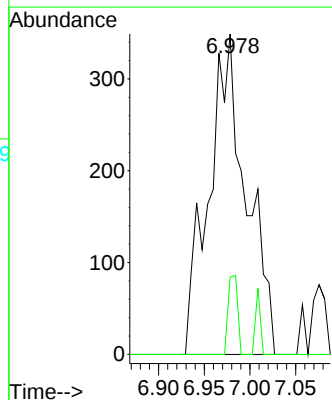
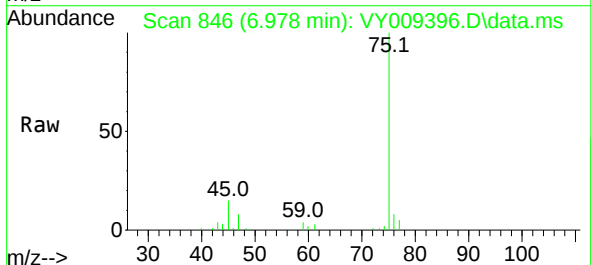
Ion	Ratio	Lower	Upper
84	100		
49	117.5	114.4	171.6
51	38.7	35.3	52.9
86	62.6	53.7	80.5

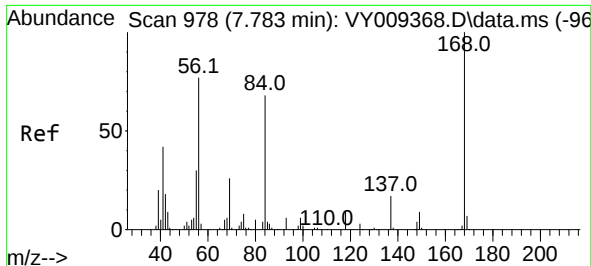


#25
2-Butanone
Concen: 1.681 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

Tgt Ion: 43 Resp: 998

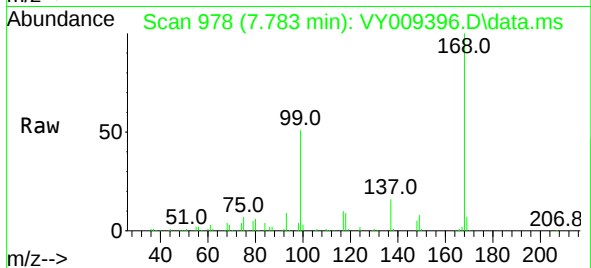
Ion	Ratio	Lower	Upper
43	100		
72	24.1	17.7	26.5



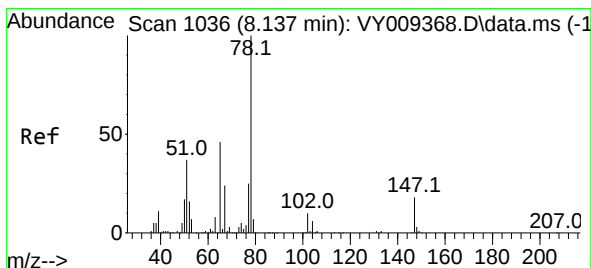
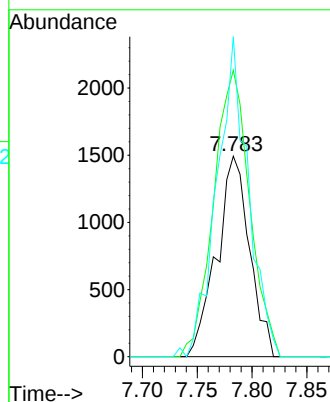
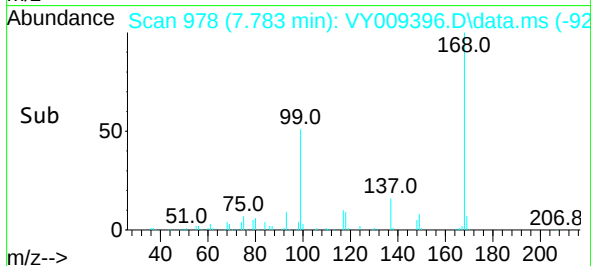


#31
Cyclohexane
Concen: 1.212 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

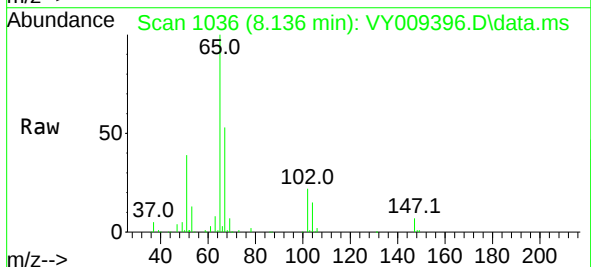
Instrument :
MSVOA_Y
ClientSampleId :



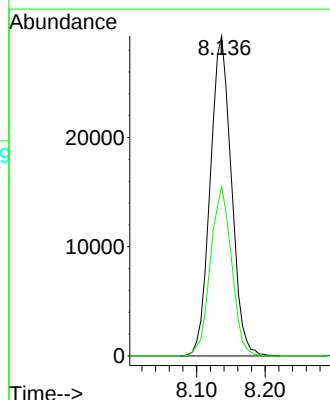
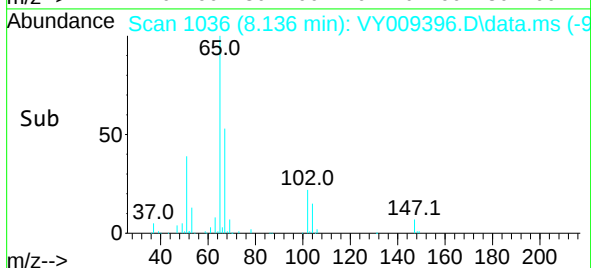
Tgt Ion: 56 Resp: 3108
Ion Ratio Lower Upper
56 100
69 142.9 26.7 40.1#
84 159.7 67.2 100.8#

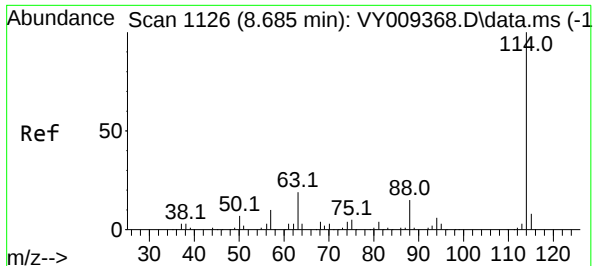


#33
1,2-Dichloroethane-d4
Concen: 55.158 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23



Tgt Ion: 65 Resp: 62898
Ion Ratio Lower Upper
65 100
67 52.9 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: VY009396.D

Acq: 30 Jun 2022 16:23

Instrument :

MSVOA_Y

ClientSampleId :

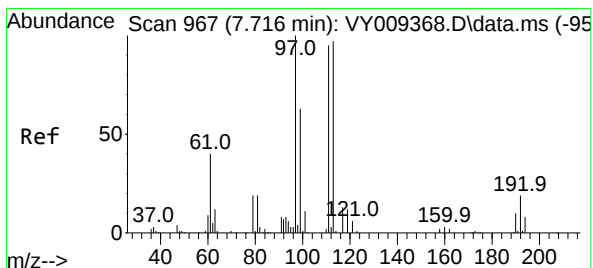
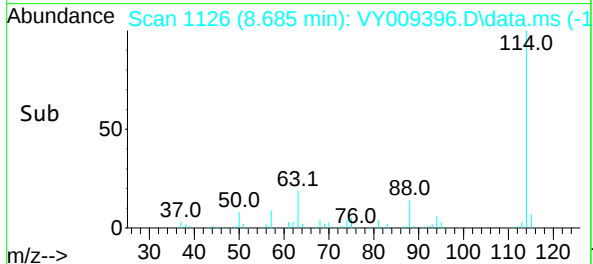
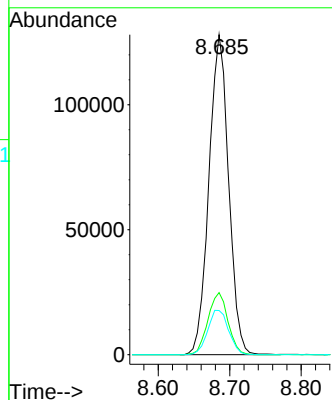
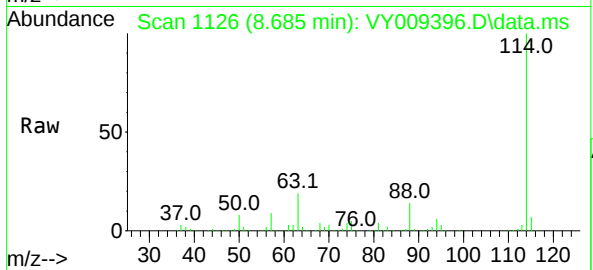
Tgt Ion:114 Resp: 244534

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.922 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009396.D

Acq: 30 Jun 2022 16:23

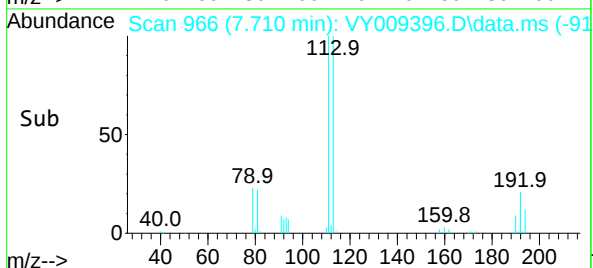
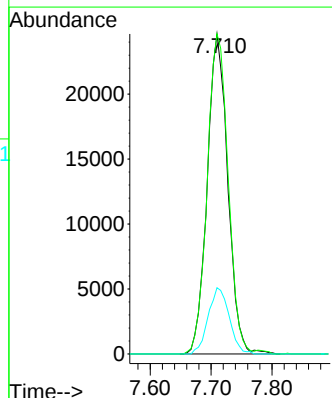
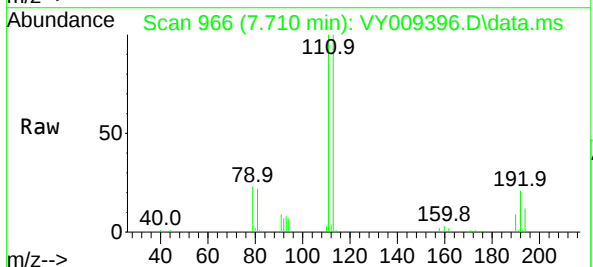
Tgt Ion:113 Resp: 57767

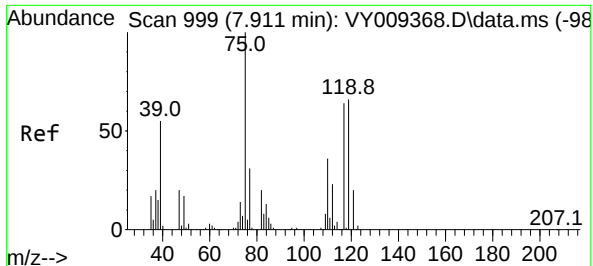
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

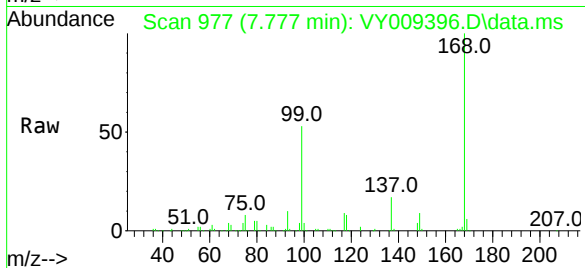
192 21.2 17.6 26.4



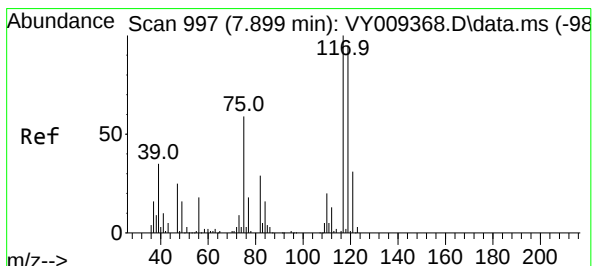
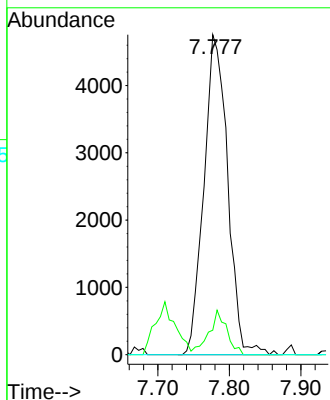
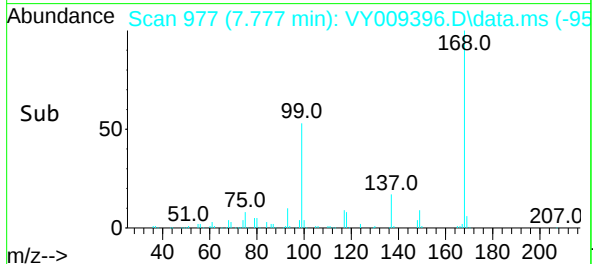


#36
1,1-Dichloropropene
Concen: 4.669 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

Instrument :
MSVOA_Y
ClientSampleId :

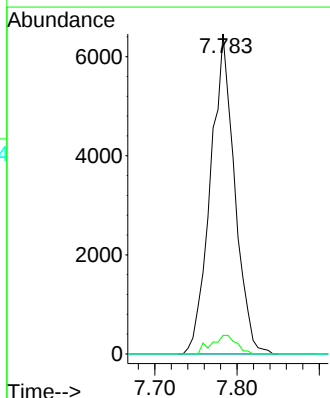
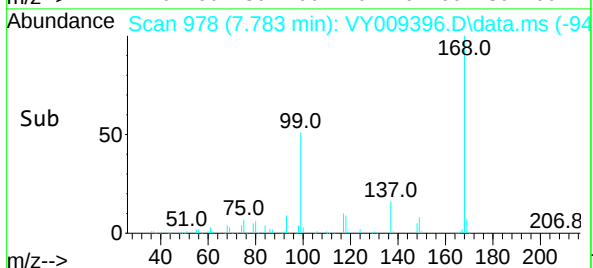
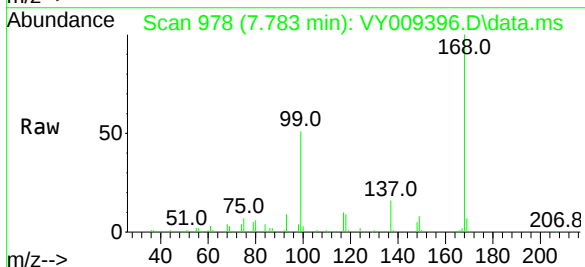


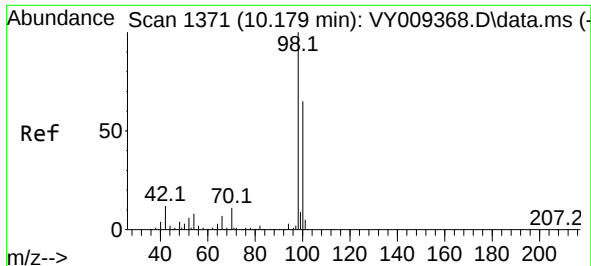
Tgt Ion: 75 Resp: 10987
Ion Ratio Lower Upper
75 100
110 10.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.376 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

Tgt Ion: 117 Resp: 13222
Ion Ratio Lower Upper
117 100
119 5.8 77.9 116.9#
121 0.0 24.8 37.2#

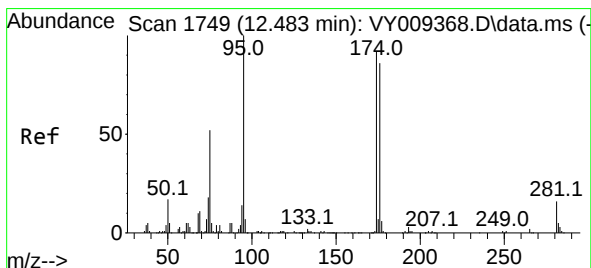
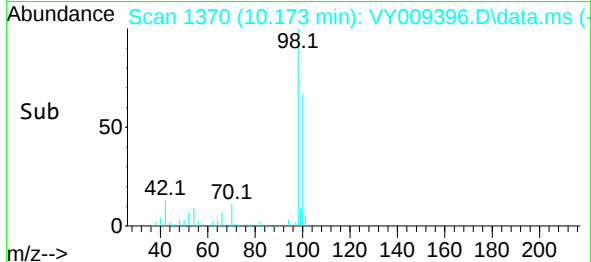
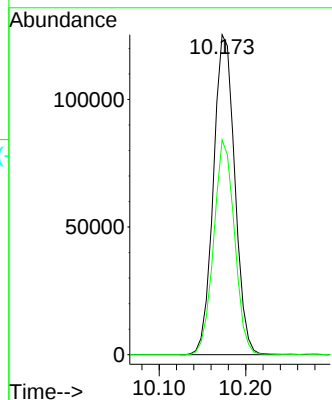
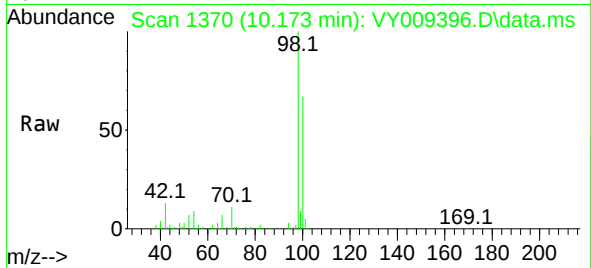




#50
Toluene-d8
Concen: 52.008 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

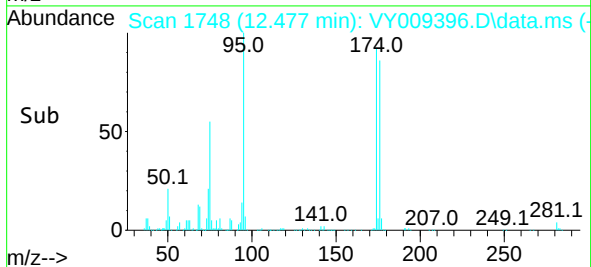
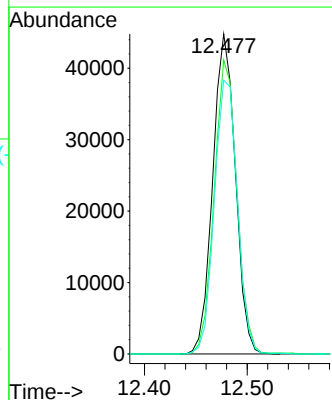
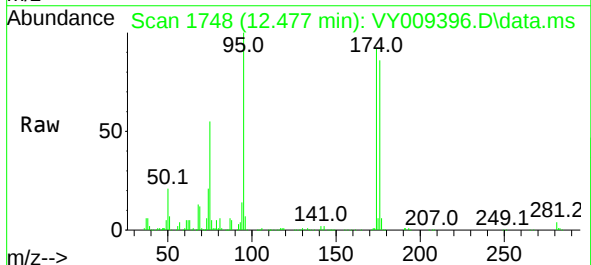
Instrument :
MSVOA_Y
ClientSampleId :

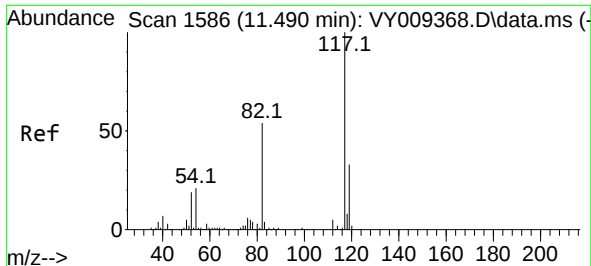
Tgt Ion: 98 Resp: 214605
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.970 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

Tgt Ion: 95 Resp: 68438
Ion Ratio Lower Upper
95 100
174 92.1 0.0 177.0
176 87.4 0.0 175.8

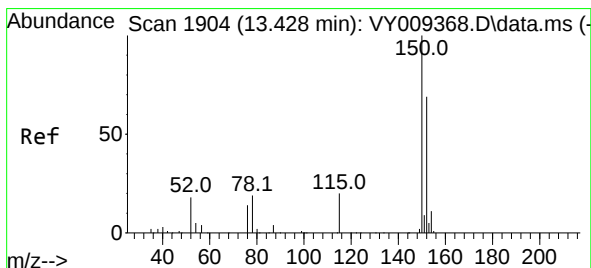
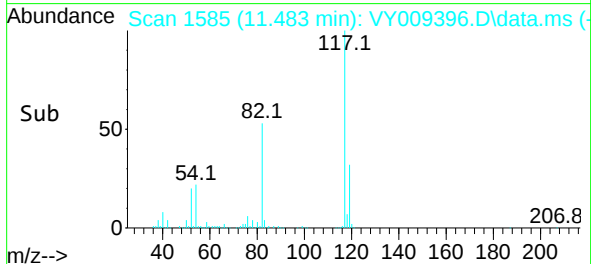
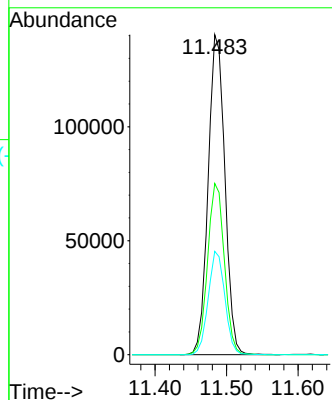
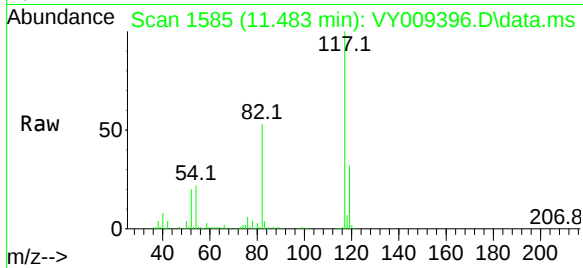




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

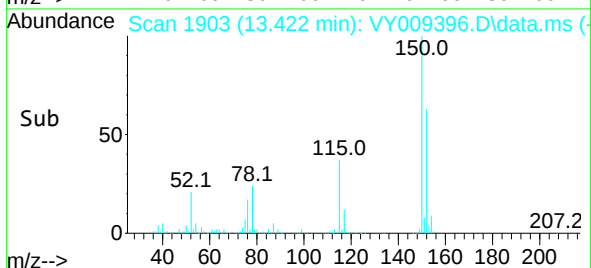
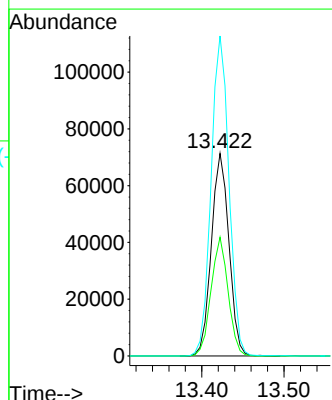
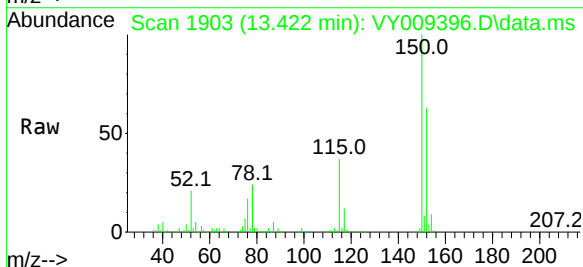
Instrument :
MSVOA_Y
ClientSampleId :

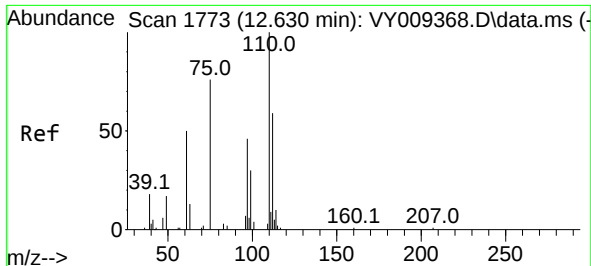
Tgt Ion:117 Resp: 227997
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

Tgt Ion:152 Resp: 105809
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 160.4 0.0 347.6

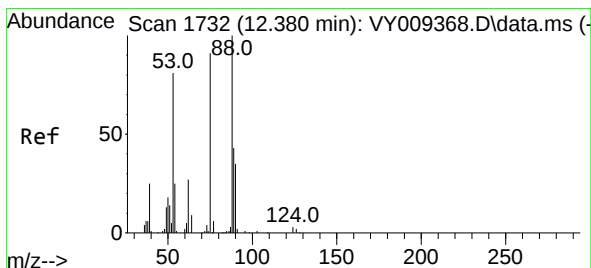
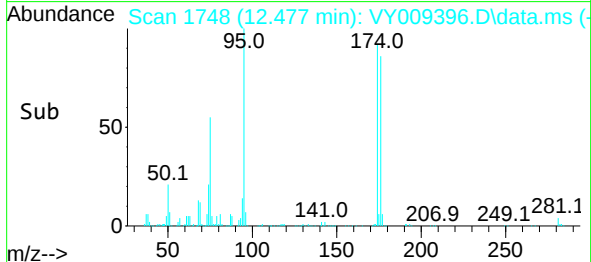
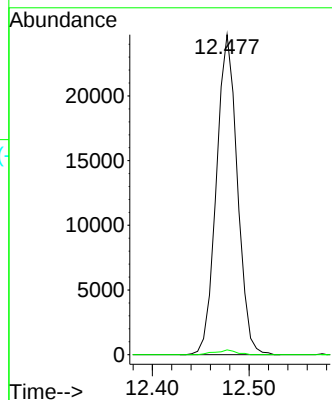
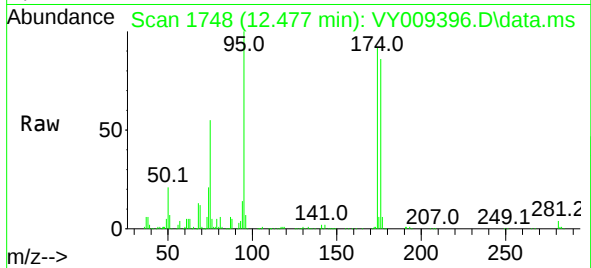




#76
1,2,3-Trichloropropane
Concen: 30.018 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37196
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.835 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009396.D
Acq: 30 Jun 2022 16:23

Tgt Ion: 75 Resp: 37196
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

