

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009404.D
 Acq On : 30 Jun 2022 19:30
 Operator : KP/MD
 Sample : N3547-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 03:48:55 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)

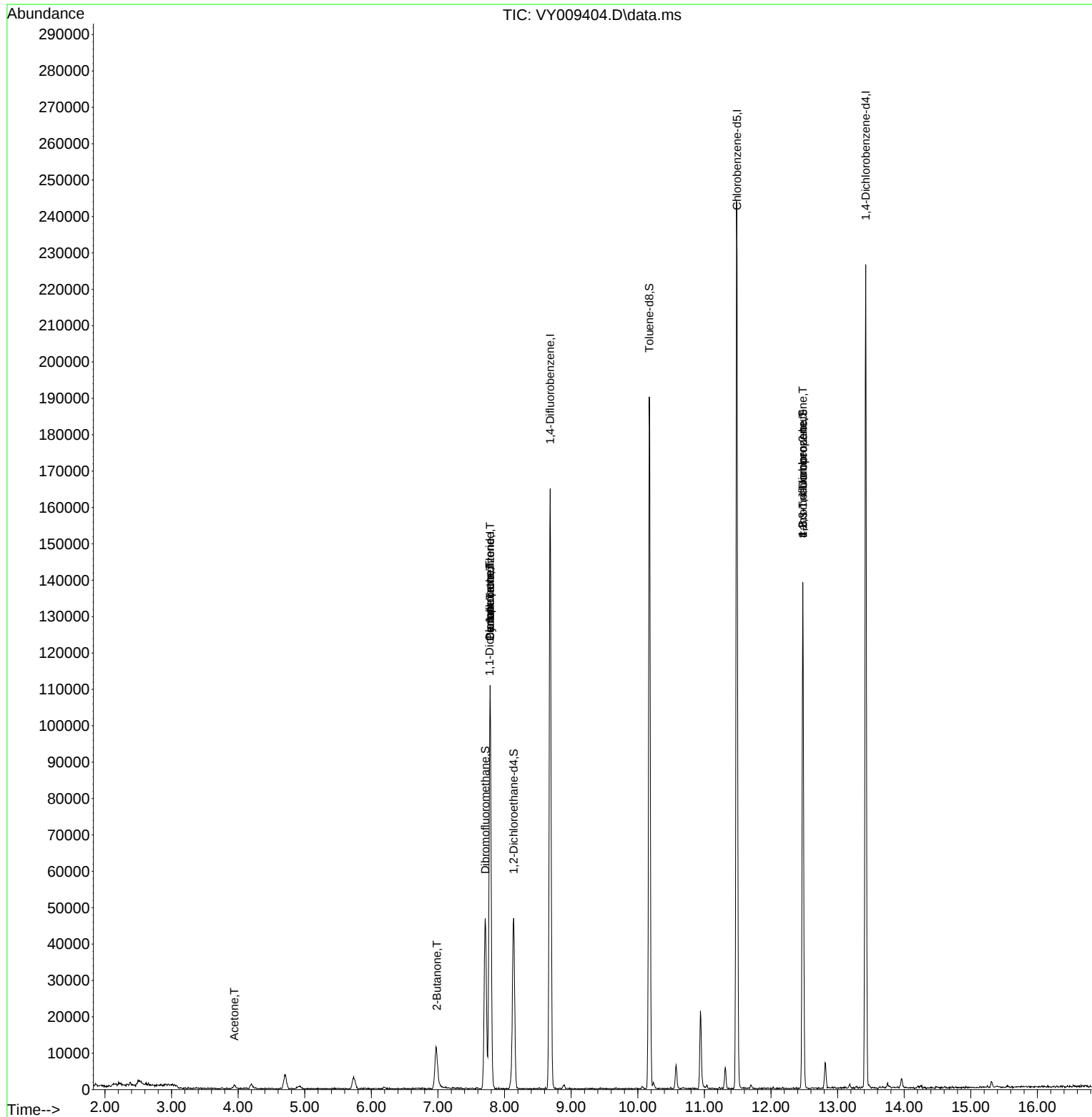
Internal Standards						
1) Pentafluorobenzene	7.783	168	85321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	126978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	55758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	35051	51.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.580%	
35) Dibromofluoromethane	7.710	113	32790	43.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.520%	
50) Toluene-d8	10.173	98	123302	53.670	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.340%	
62) 4-Bromofluorobenzene	12.477	95	35816	32.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 65.740%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.905	59	488	Below Cal	#	77
16) Acetone	3.942	43	1735	7.730	ug/l #	82
18) Methyl Acetate	4.509	43	50	Below Cal	#	56
20) Methylene Chloride	4.710	84	2733	Below Cal		86
25) 2-Butanone	6.984	43	558	1.568	ug/l #	54
31) Cyclohexane	7.783	56	1936	1.260	ug/l #	12
36) 1,1-Dichloropropene	7.777	75	6626	5.057	ug/l #	51
38) Carbon Tetrachloride	7.783	117	8000	5.842	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	19690	30.154	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	19690	67.138	ug/l #	7

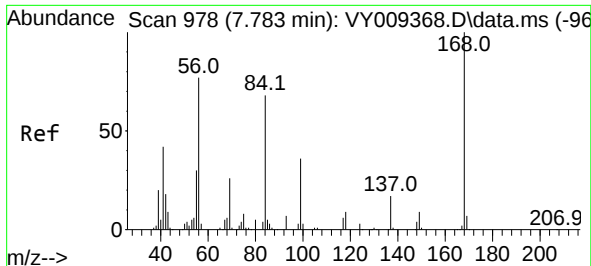
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
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MSVOA_Y
ClientSampleId :

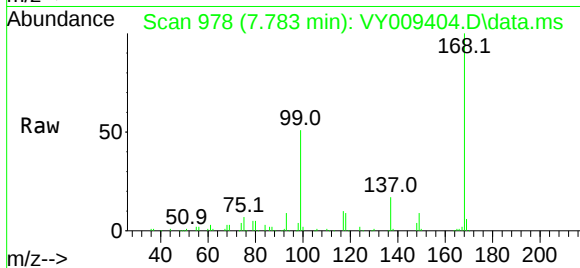
Quant Time: Jul 01 03:48:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
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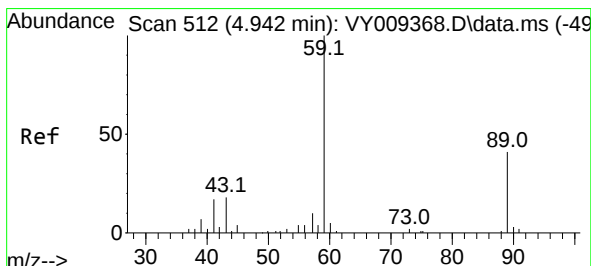
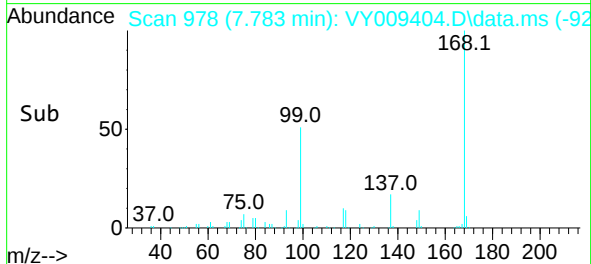
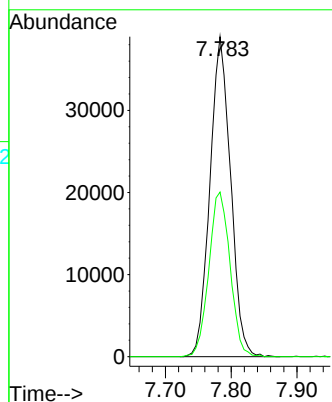


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Instrument :
MSVOA_Y
ClientSampleId :

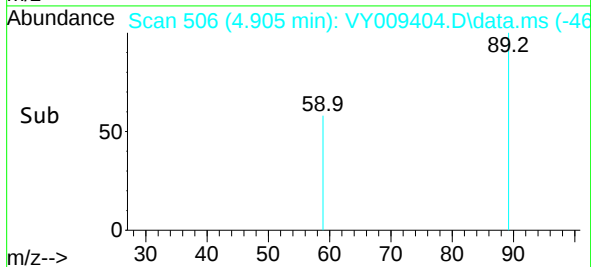
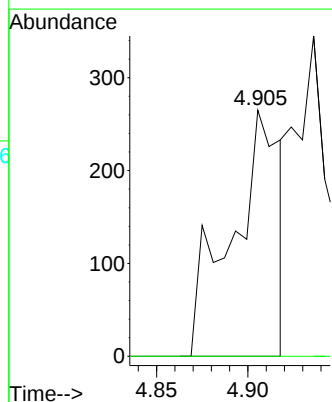
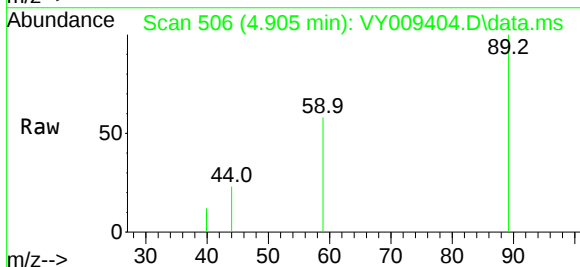


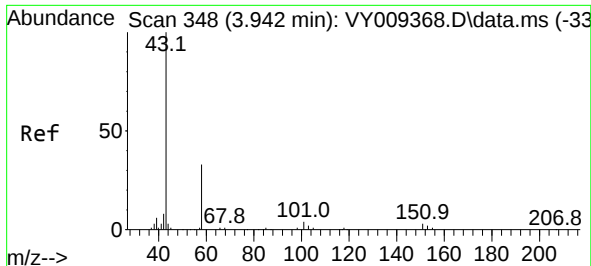
Tgt Ion:168 Resp: 85321
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.905 min Scan# 506
Delta R.T. -0.037 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

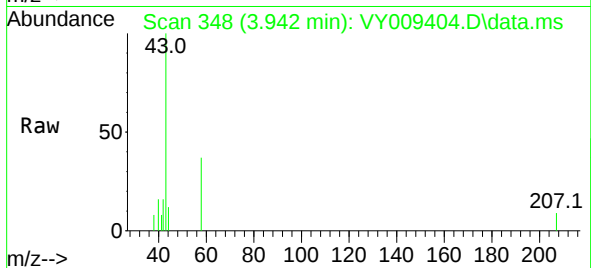
Tgt Ion: 59 Resp: 488
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



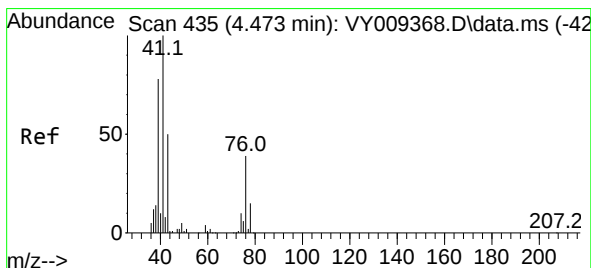
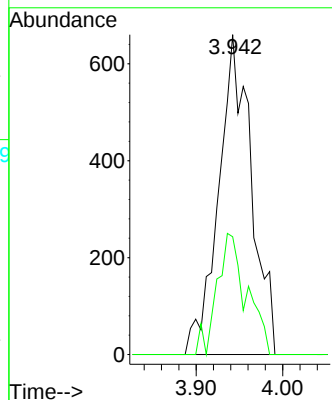
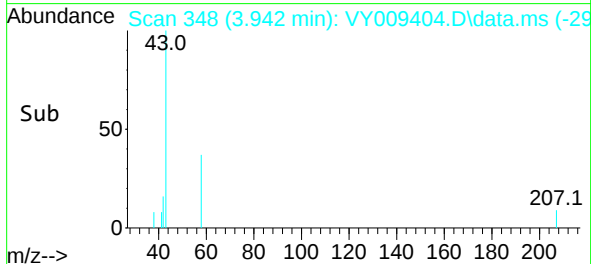


#16
Acetone
Concen: 7.730 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

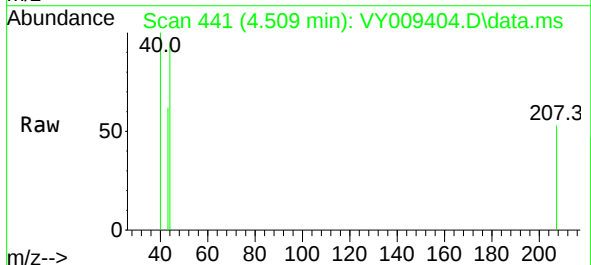
Instrument :
MSVOA_Y
ClientSampleId :



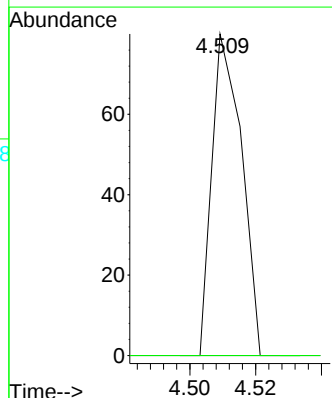
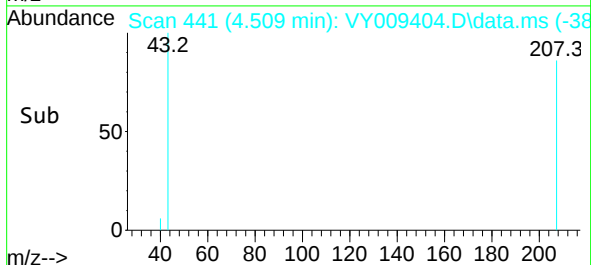
Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 36.8 22.0 33.0#

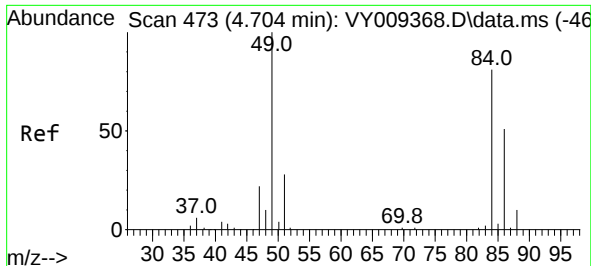


#18
Methyl Acetate
Concen: Below Cal
RT: 4.509 min Scan# 441
Delta R.T. 0.036 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30



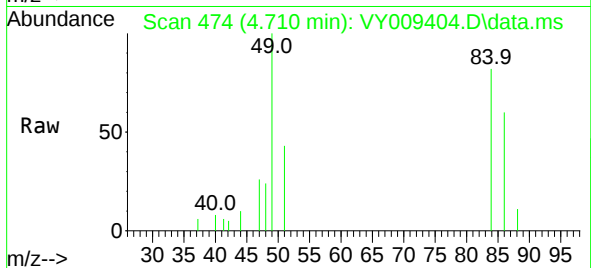
Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





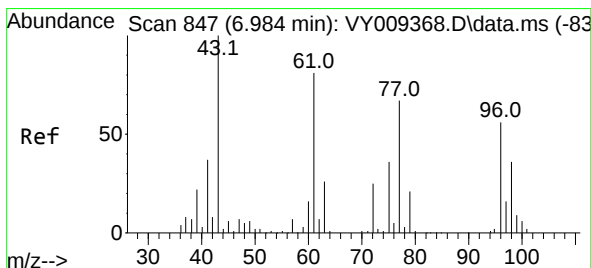
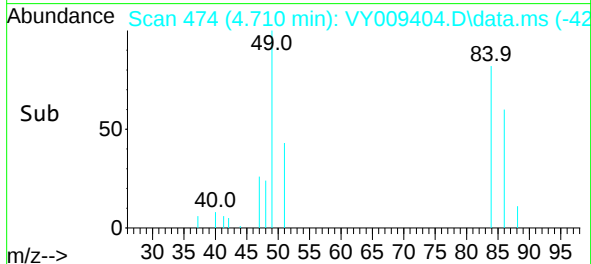
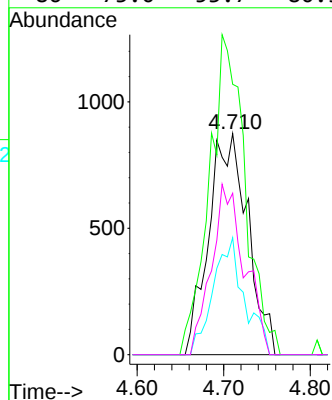
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 2733

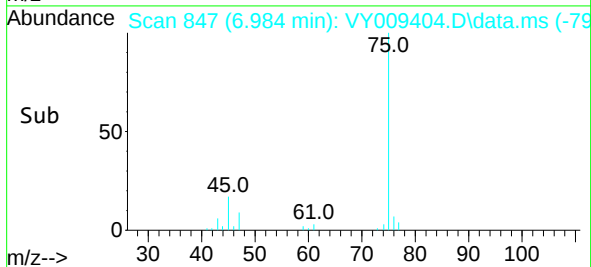
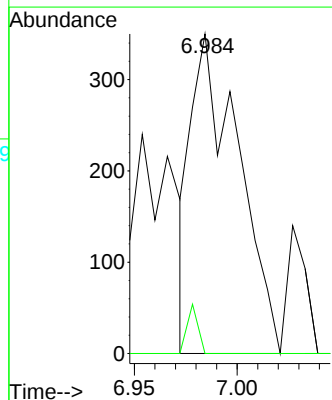
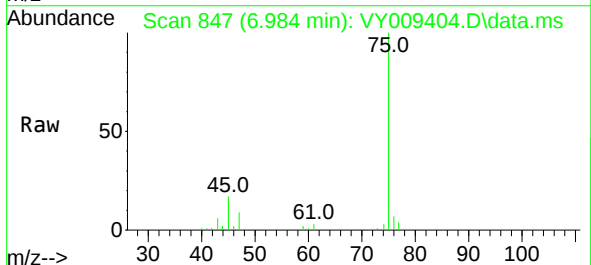
Ion	Ratio	Lower	Upper
84	100		
49	122.3	114.4	171.6
51	52.9	35.3	52.9
86	73.0	53.7	80.5

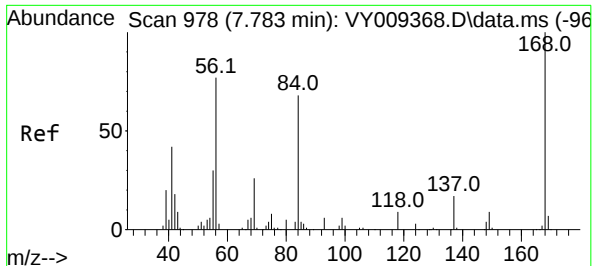


#25
2-Butanone
Concen: 1.568 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Tgt Ion: 43 Resp: 558

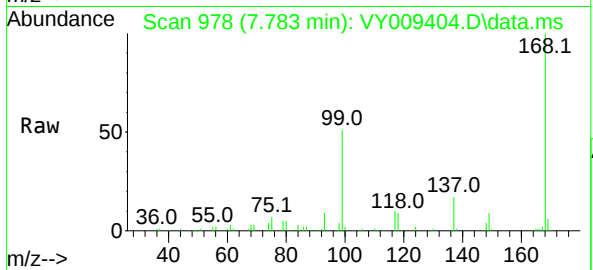
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#



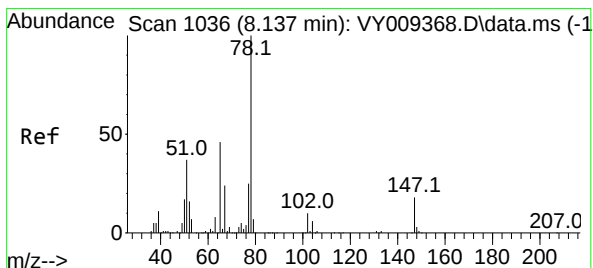
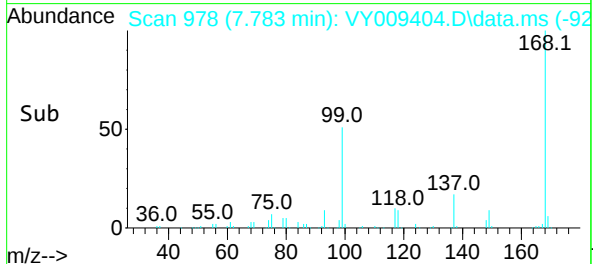
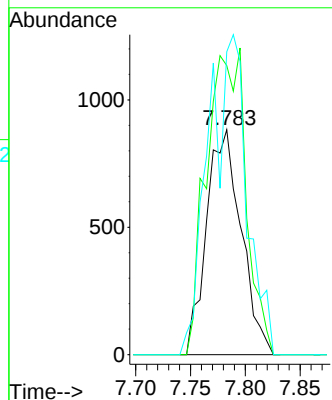


#31
Cyclohexane
Concen: 1.260 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Instrument :
MSVOA_Y
ClientSampleId :

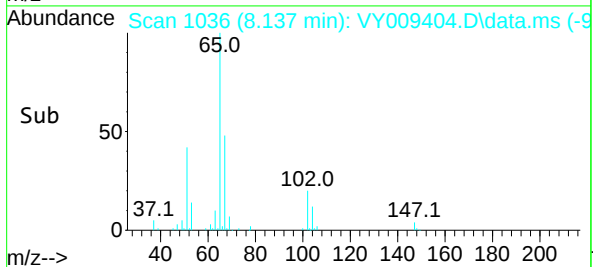
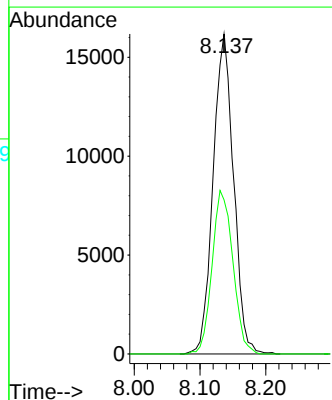
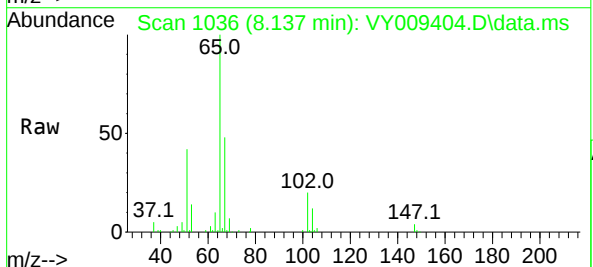


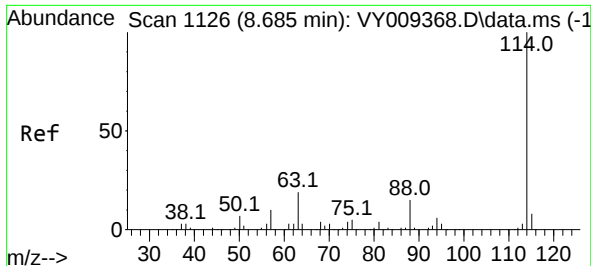
Tgt Ion: 56 Resp: 1936
Ion Ratio Lower Upper
56 100
69 128.5 26.7 40.1#
84 134.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.290 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Tgt Ion: 65 Resp: 35051
Ion Ratio Lower Upper
65 100
67 52.0 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: VY009404.D

Acq: 30 Jun 2022 19:30

Instrument :

MSVOA_Y

ClientSampleId :

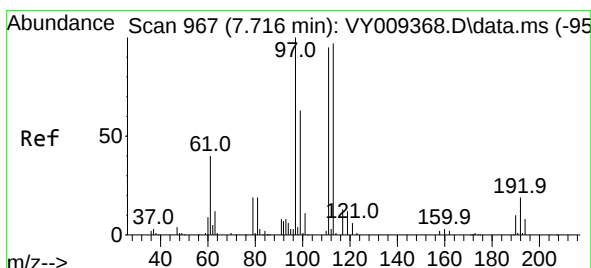
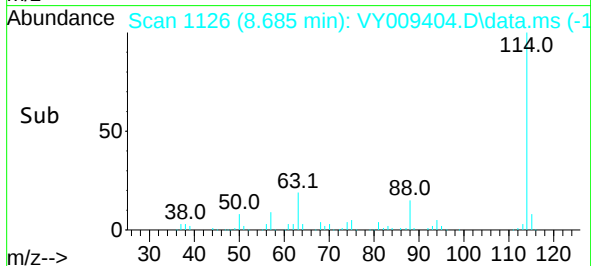
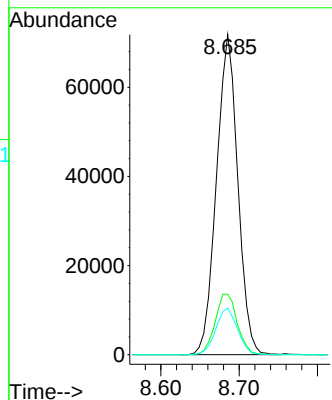
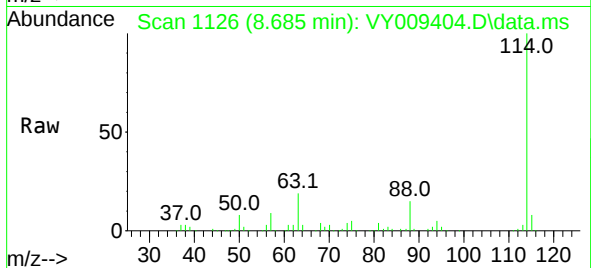
Tgt Ion:114 Resp: 136146

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.760 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009404.D

Acq: 30 Jun 2022 19:30

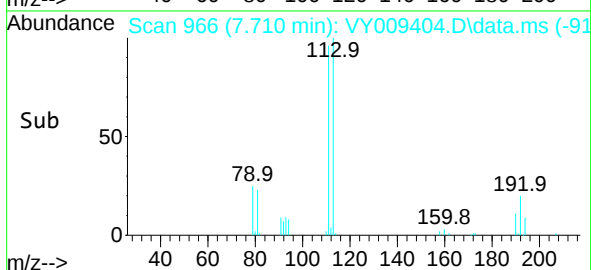
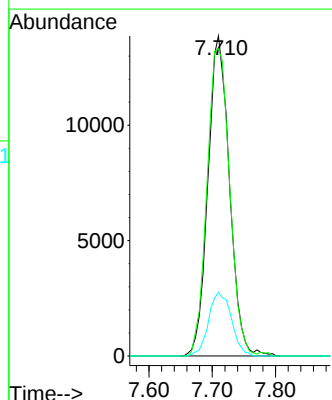
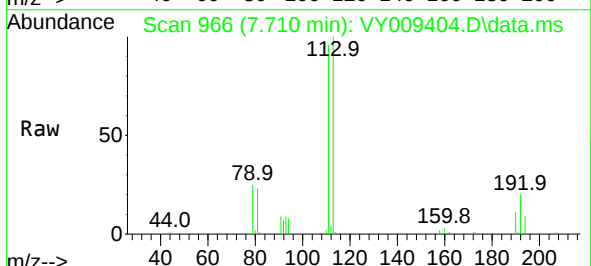
Tgt Ion:113 Resp: 32790

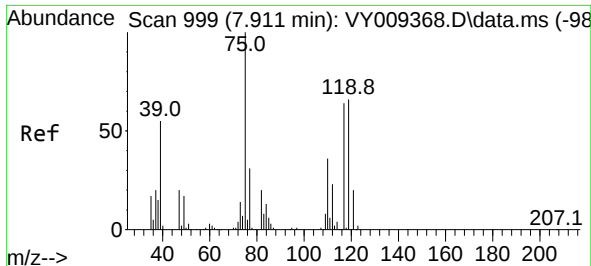
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

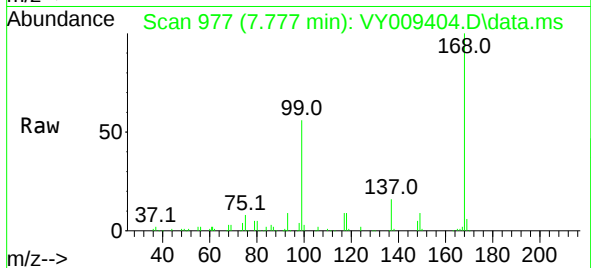
192 21.1 17.6 26.4



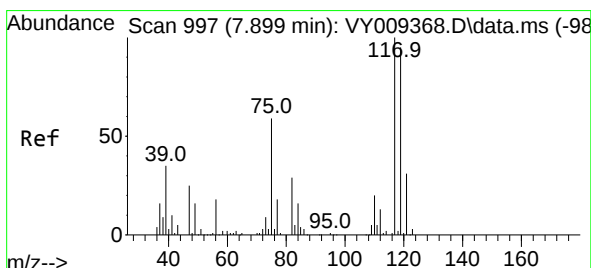
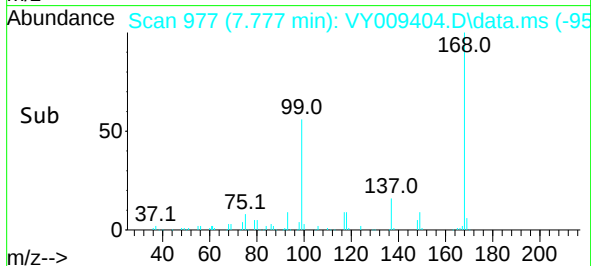
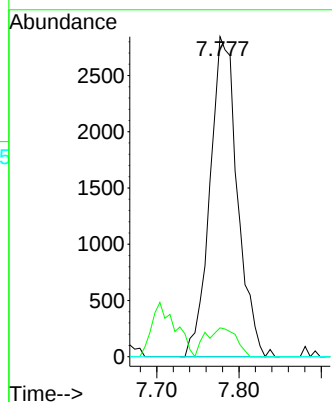


#36
1,1-Dichloropropene
Concen: 5.057 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Instrument :
MSVOA_Y
ClientSampleId :

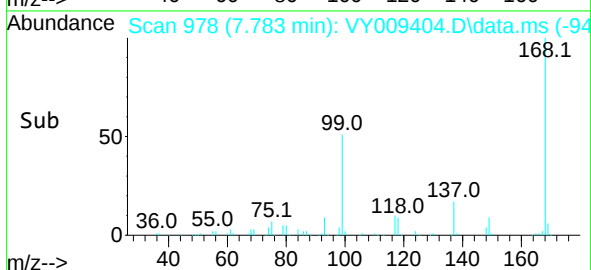
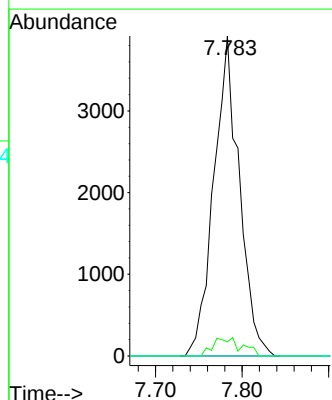
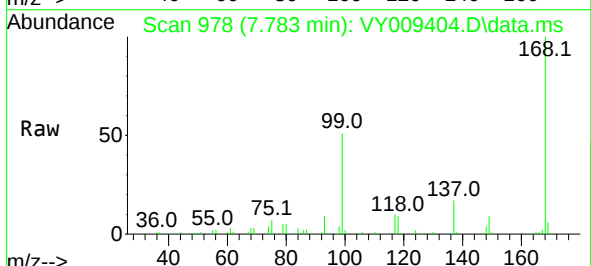


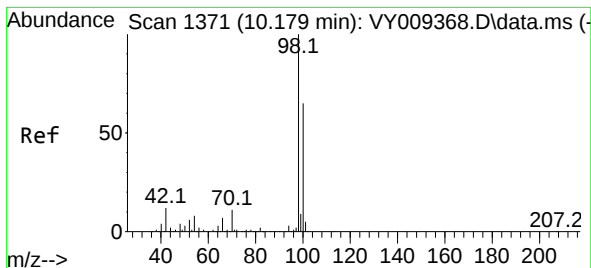
Tgt Ion: 75 Resp: 6626
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.842 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Tgt Ion: 117 Resp: 8000
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 53.670 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009404.D

Acq: 30 Jun 2022 19:30

Instrument :

MSVOA_Y

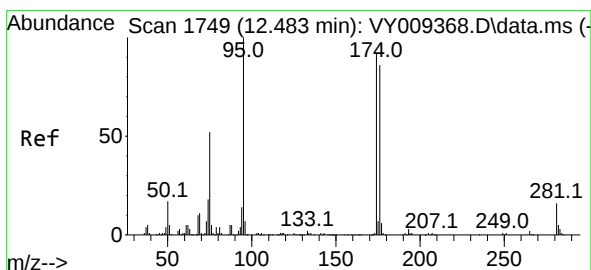
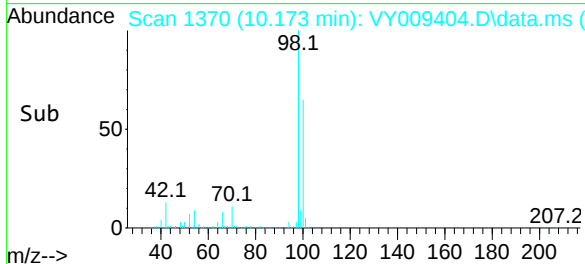
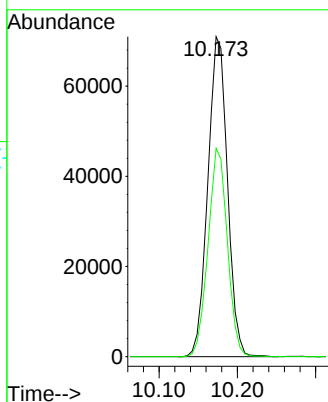
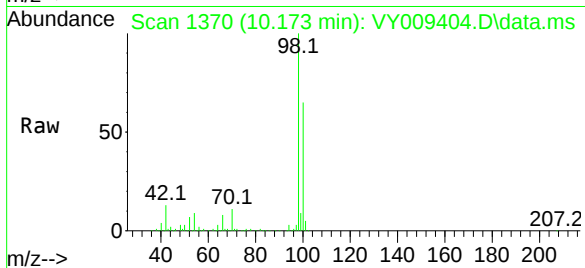
ClientSampleId :

Tgt Ion: 98 Resp: 123302

Ion Ratio Lower Upper

98 100

100 64.0 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 32.871 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009404.D

Acq: 30 Jun 2022 19:30

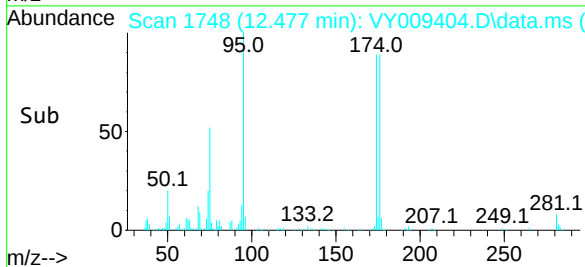
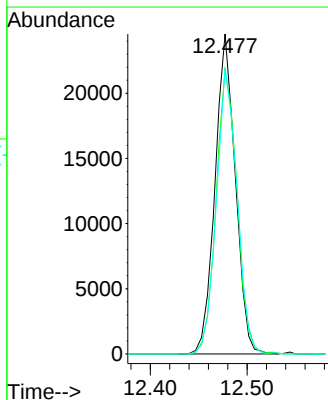
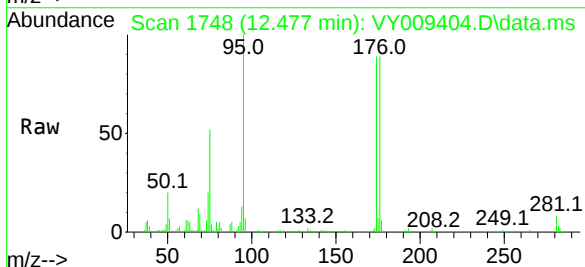
Tgt Ion: 95 Resp: 35816

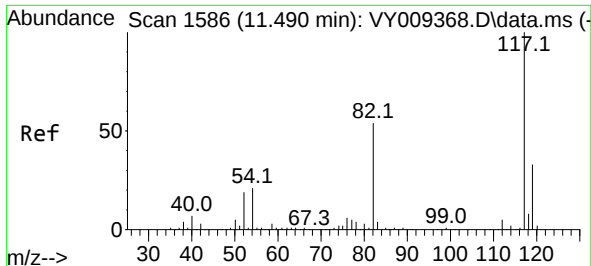
Ion Ratio Lower Upper

95 100

174 91.8 0.0 177.0

176 90.5 0.0 175.8

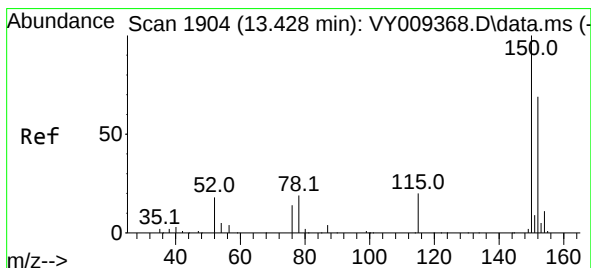
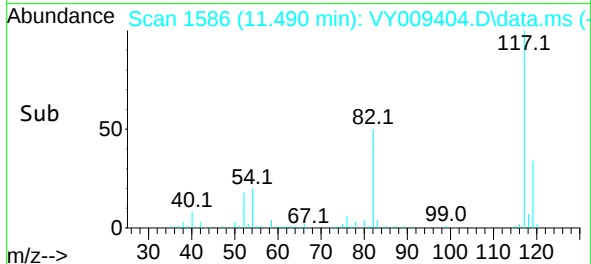
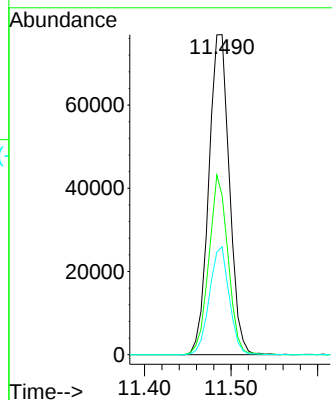
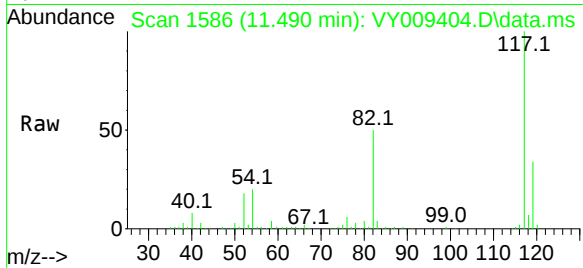




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

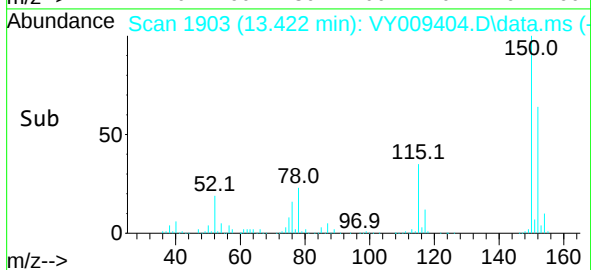
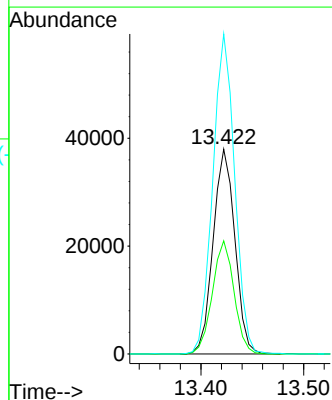
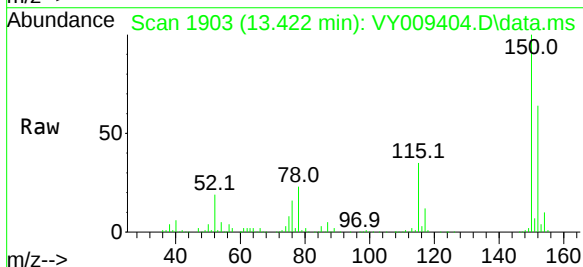
Instrument :
MSVOA_Y
ClientSampleId :

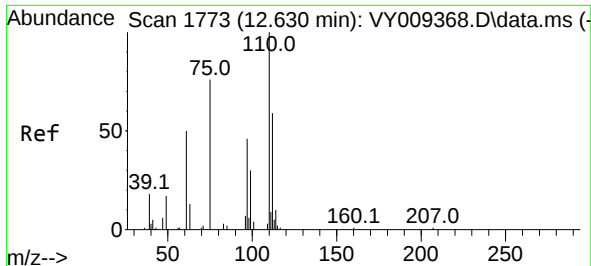
Tgt Ion:117 Resp: 126978
Ion Ratio Lower Upper
117 100
82 49.8 43.0 64.4
119 33.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Tgt Ion:152 Resp: 55758
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 157.6 0.0 347.6

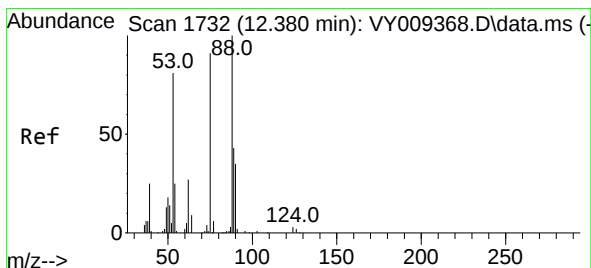
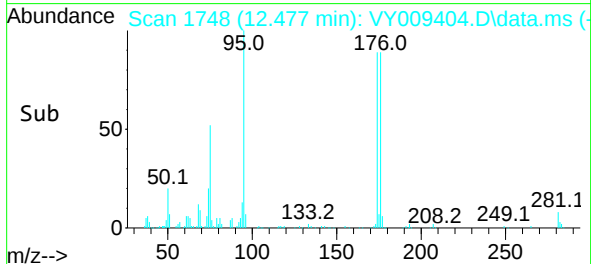
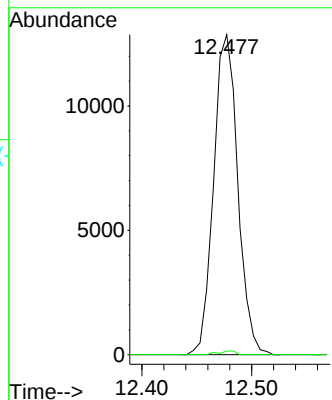
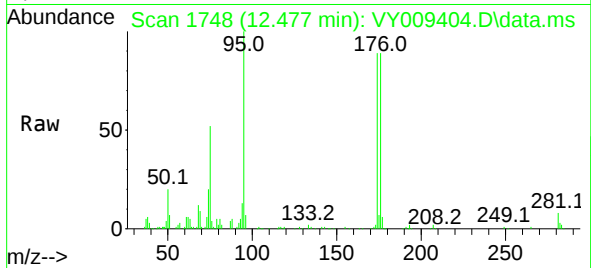




#76
1,2,3-Trichloropropane
Concen: 30.154 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 19690
Ion Ratio Lower Upper
75 100
77 0.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.138 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009404.D
Acq: 30 Jun 2022 19:30

Tgt Ion: 75 Resp: 19690
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#

