

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009405.D
 Acq On : 30 Jun 2022 19:53
 Operator : KP/MD
 Sample : N3549-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 01 03:49:03 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)

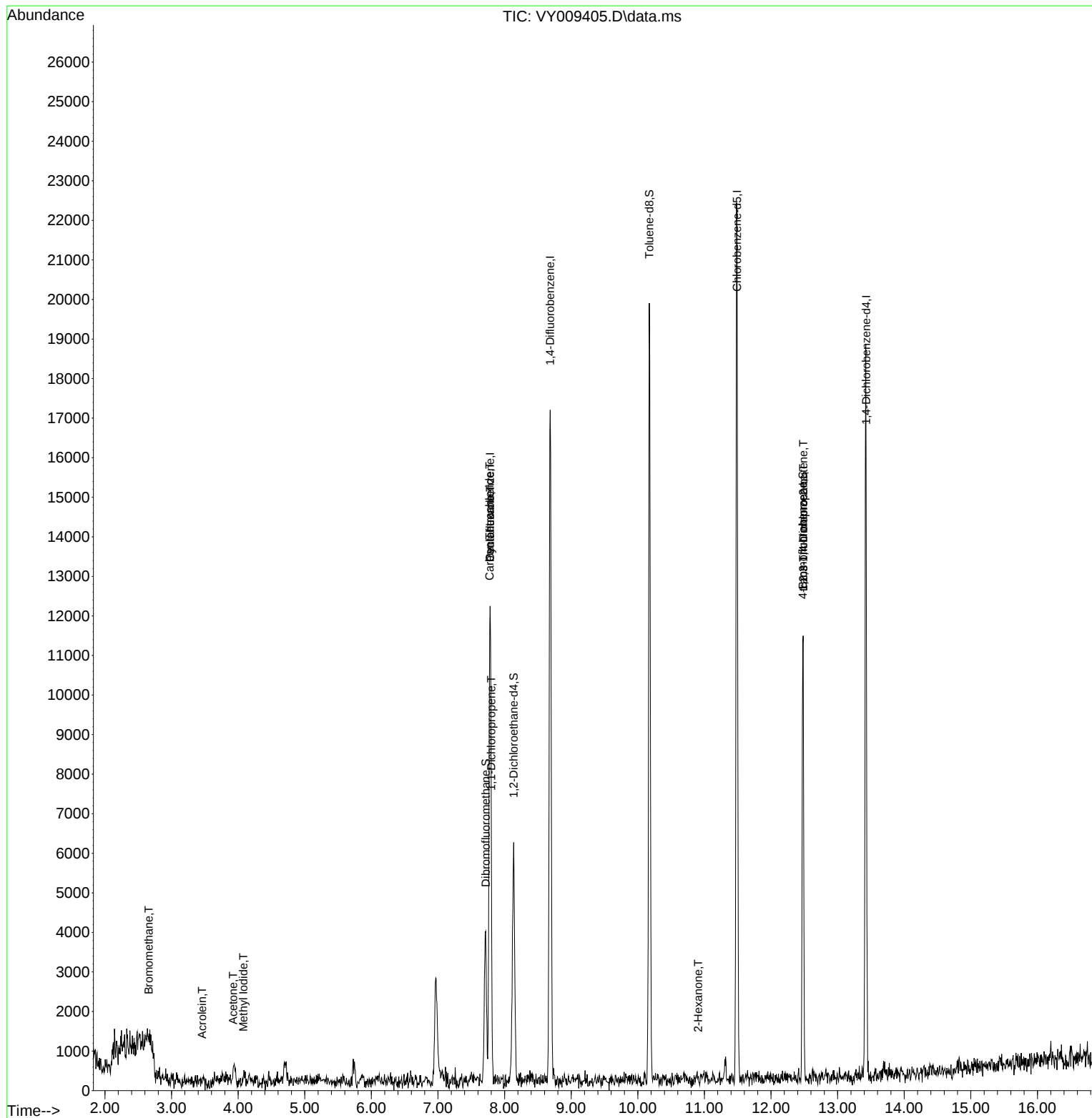
Internal Standards						
1) Pentafluorobenzene	7.783	168	10052	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	14940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12368	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	4287	53.246	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.500%	
35) Dibromofluoromethane	7.716	113	2705	32.897	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 65.800%	
50) Toluene-d8	10.173	98	12814	50.828	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	12.477	95	3116	26.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 52.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	149	2.229	ug/l	# 56
10) Methyl Iodide	4.076	142	318	2.924	ug/l	# 55
11) Tert butyl alcohol	4.936	59	20	Below Cal	#	77
13) Acrolein	3.460	56	19	2.828	ug/l	# 14
16) Acetone	3.924	43	746	28.213	ug/l	# 47
18) Methyl Acetate	4.497	43	23	Below Cal	#	56
20) Methylene Chloride	4.704	84	301	Below Cal	#	31
31) Cyclohexane	7.783	56	215	1.187	ug/l	# 69
36) 1,1-Dichloropropene	7.801	75	791	5.502	ug/l	# 42
38) Carbon Tetrachloride	7.777	117	1091	7.260	ug/l	# 11
59) 2-Hexanone	10.904	43	67	1.202	ug/l	# 28
76) 1,2,3-Trichloropropane	12.483	75	1735	31.322	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	1735	69.738	ug/l	# 7

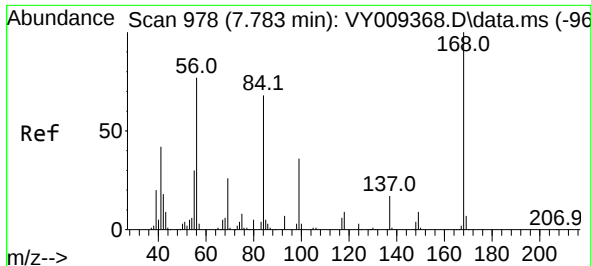
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 01 03:49:03 2022
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QLast Update : Wed Jun 29 17:35:34 2022
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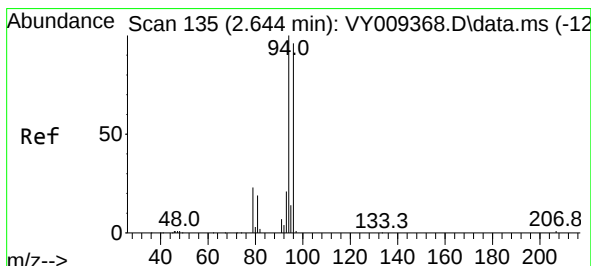
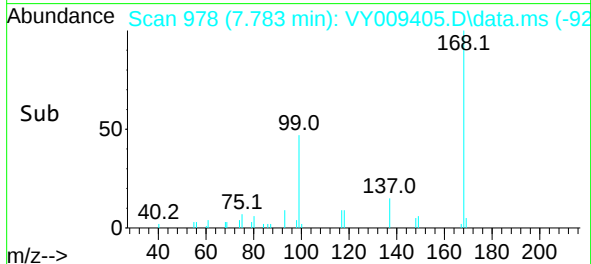
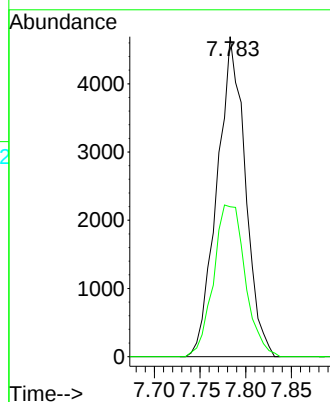
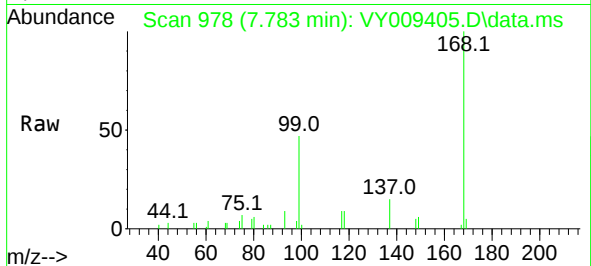




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

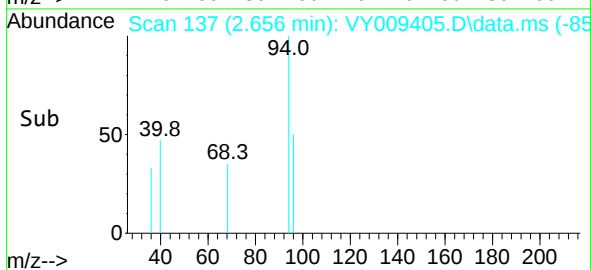
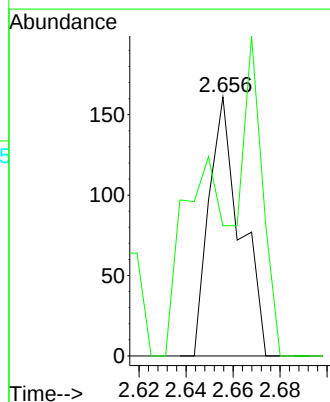
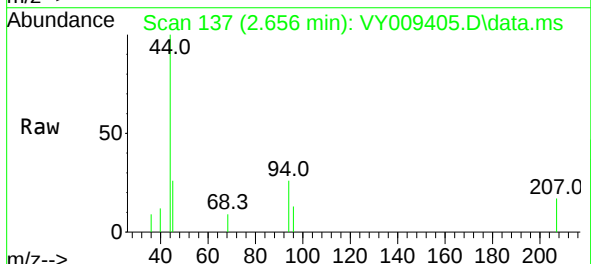
Instrument :
MSVOA_Y
ClientSampleId :

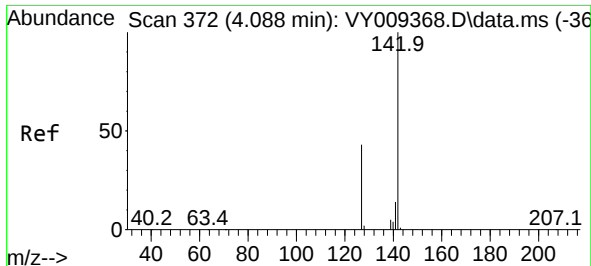
Tgt Ion:168 Resp: 10052
Ion Ratio Lower Upper
168 100
99 46.8 46.9 70.3#



#5
Bromomethane
Concen: 2.229 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.019 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

Tgt Ion: 94 Resp: 149
Ion Ratio Lower Upper
94 100
96 50.3 73.5 110.3#

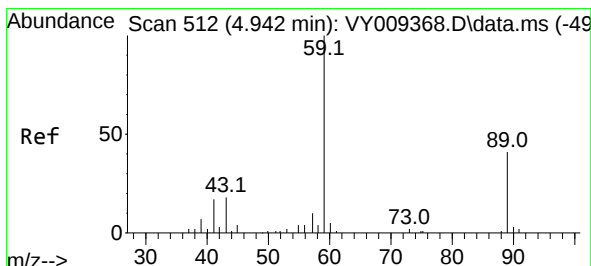
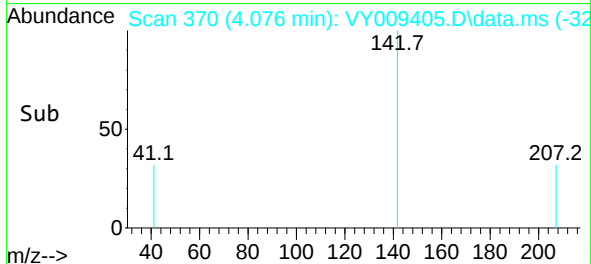
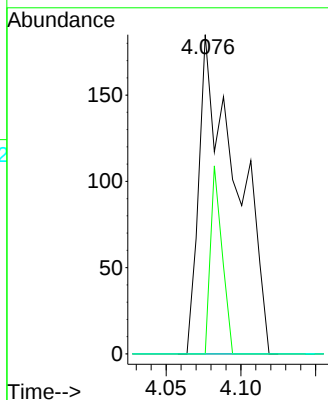
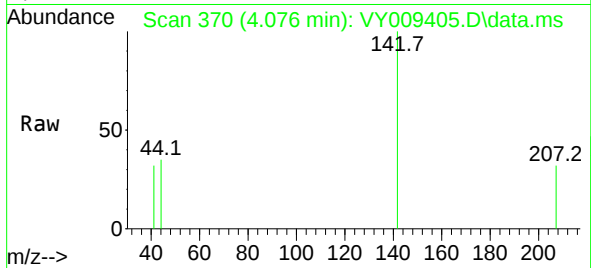




#10
Methyl Iodide
Concen: 2.924 ug/l
RT: 4.076 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

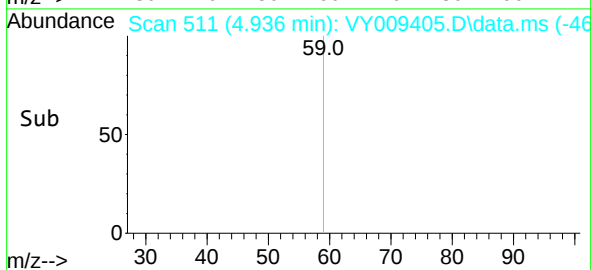
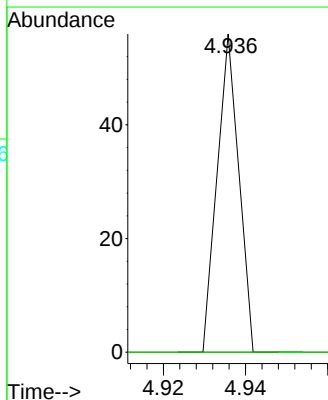
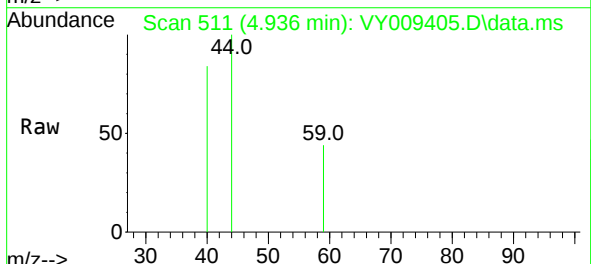
Instrument :
MSVOA_Y
ClientSampleId :

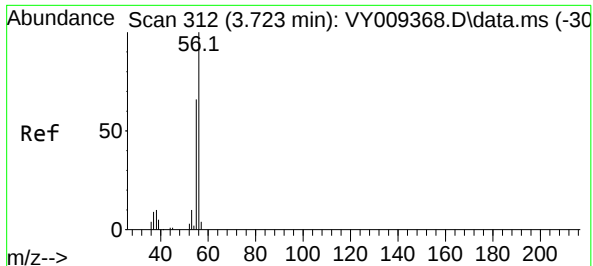
Tgt Ion:142 Resp: 318
Ion Ratio Lower Upper
142 100
127 18.6 41.5 62.3#
141 0.0 11.9 17.9#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

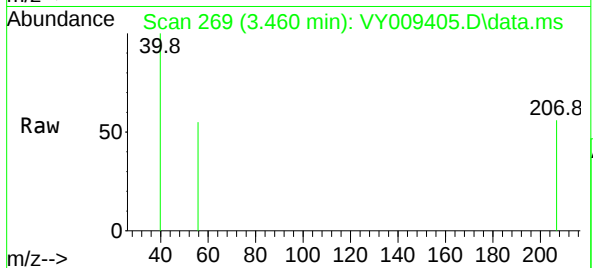
Tgt Ion: 59 Resp: 20
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



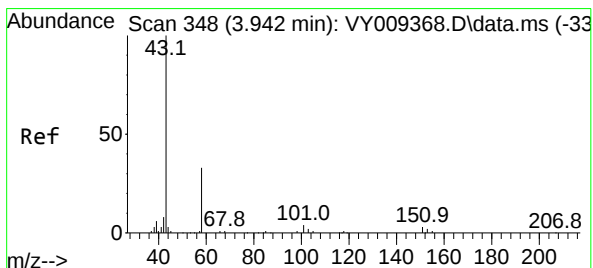
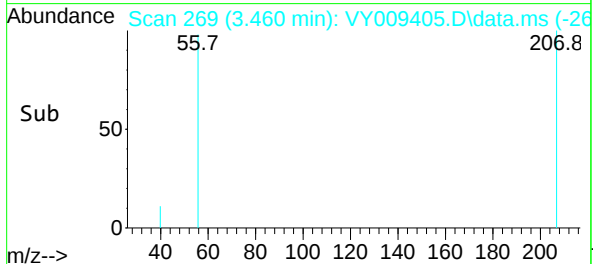
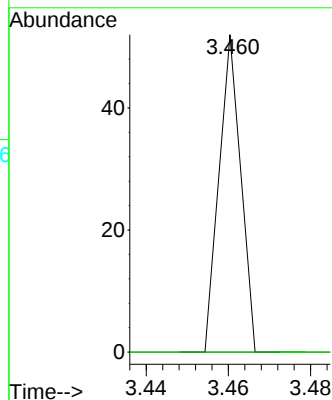


#13
Acrolein
Concen: 2.828 ug/l
RT: 3.460 min Scan# 21
Delta R.T. -0.263 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

Instrument :
MSVOA_Y
ClientSampleId :

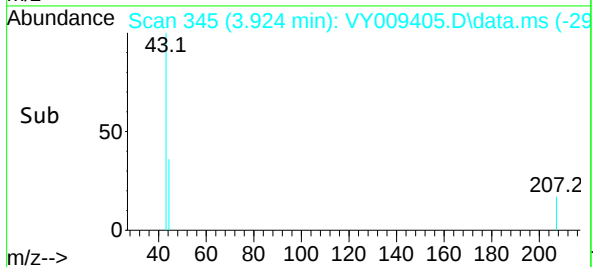
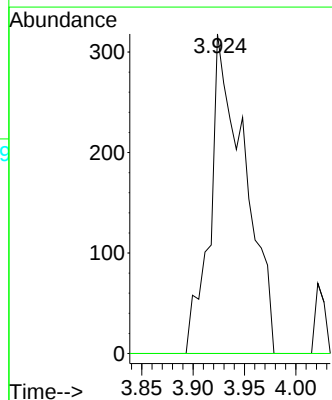
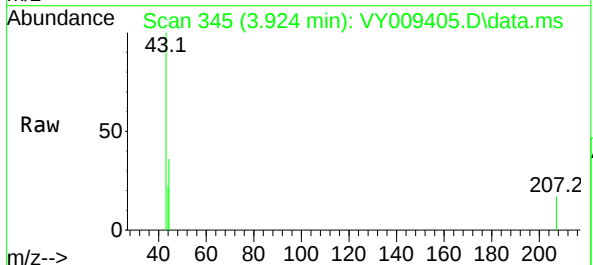


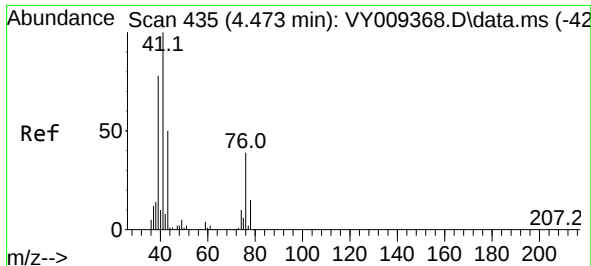
Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 28.213 ug/l
RT: 3.924 min Scan# 345
Delta R.T. -0.018 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

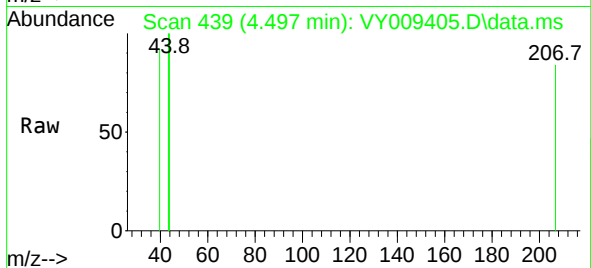
Tgt Ion: 43 Resp: 746
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



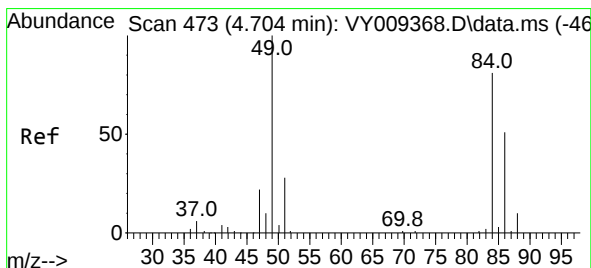
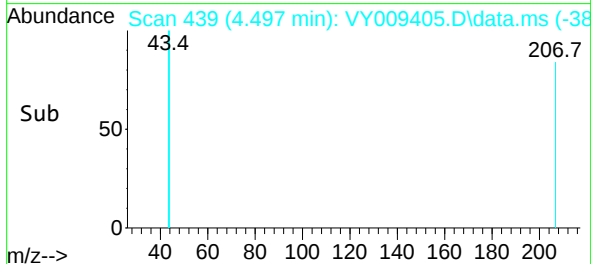
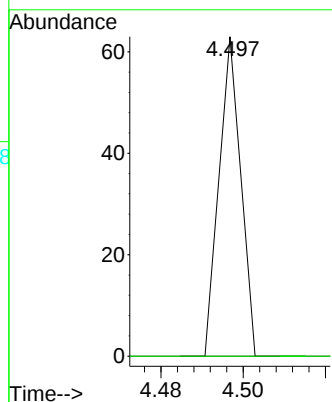


#18
Methyl Acetate
Concen: Below Cal
RT: 4.497 min Scan# 41
Delta R.T. 0.024 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

Instrument :
MSVOA_Y
ClientSampleId :

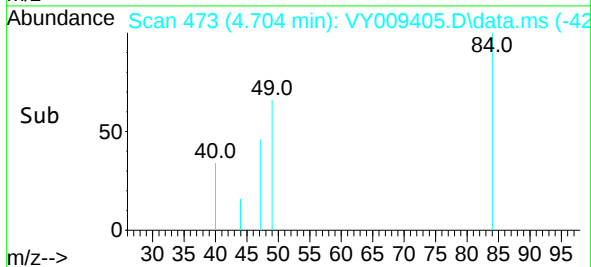
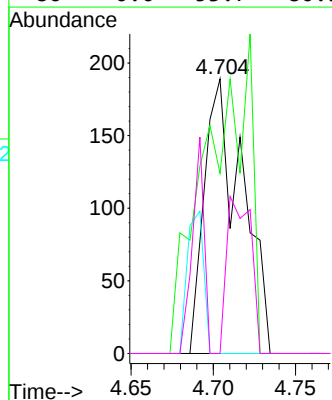
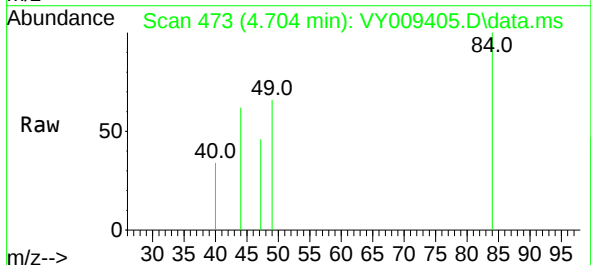


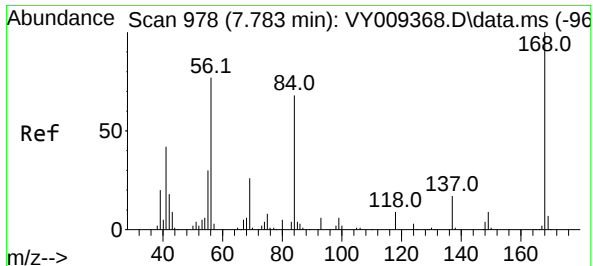
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

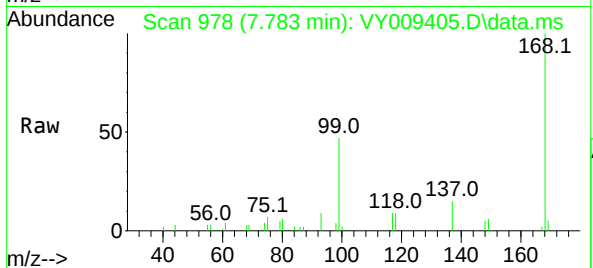
Tgt Ion: 84 Resp: 301
Ion Ratio Lower Upper
84 100
49 65.6 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#



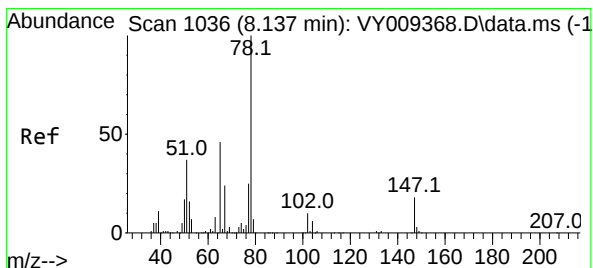
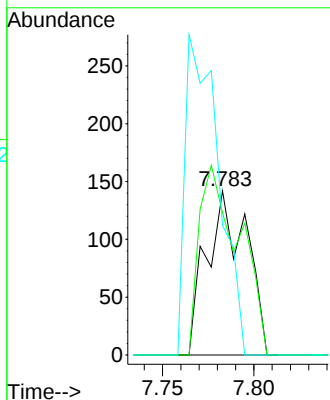
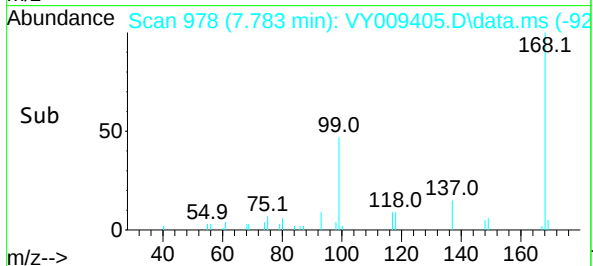


#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

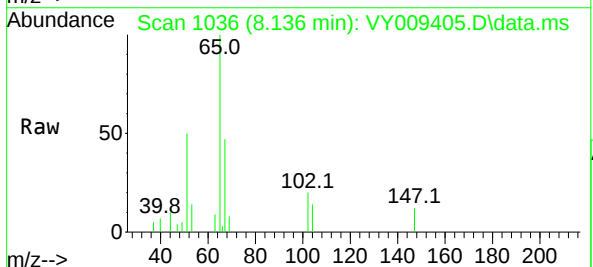
Instrument :
MSVOA_Y
ClientSampleId :



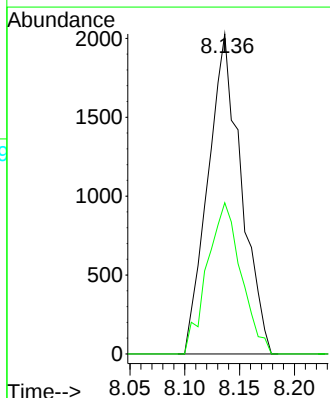
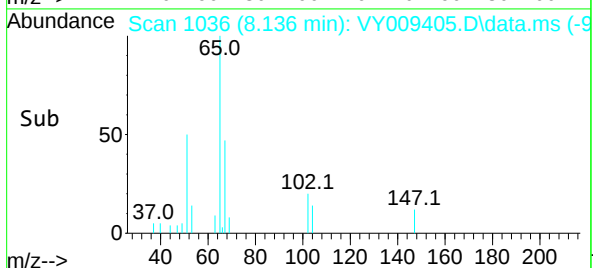
Tgt Ion: 56 Resp: 215
Ion Ratio Lower Upper
56 100
69 86.6 26.7 40.1#
84 78.9 67.2 100.8

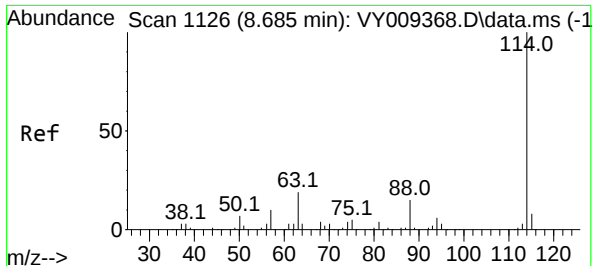


#33
1,2-Dichloroethane-d4
Concen: 53.246 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53



Tgt Ion: 65 Resp: 4287
Ion Ratio Lower Upper
65 100
67 48.1 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: VY009405.D

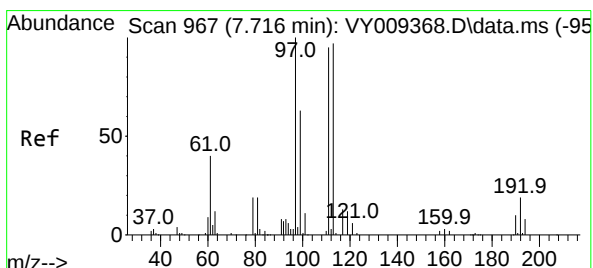
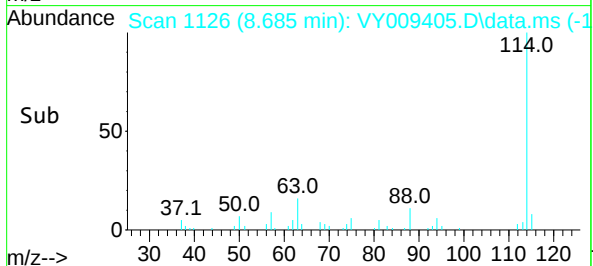
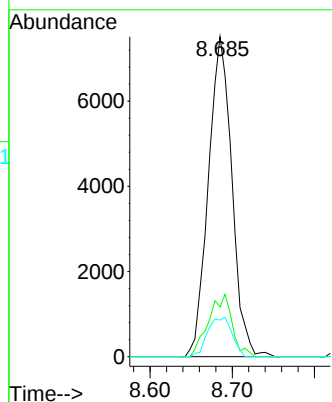
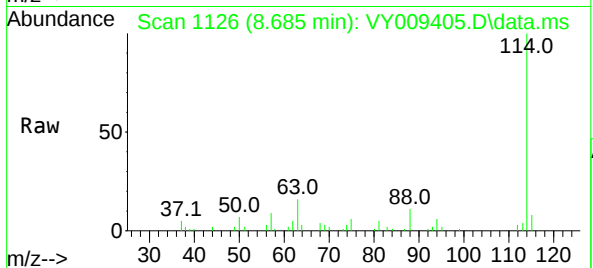
Acq: 30 Jun 2022 19:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	14940
Ion Ratio	Lower	Upper
114	100	
63	15.5	0.0 43.2
88	11.5	0.0 31.8



#35

Dibromofluoromethane

Concen: 32.897 ug/l

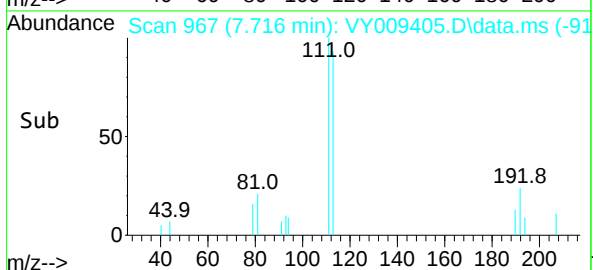
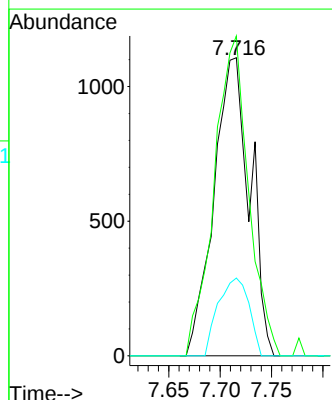
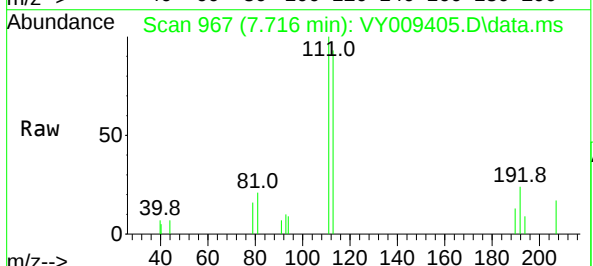
RT: 7.716 min Scan# 967

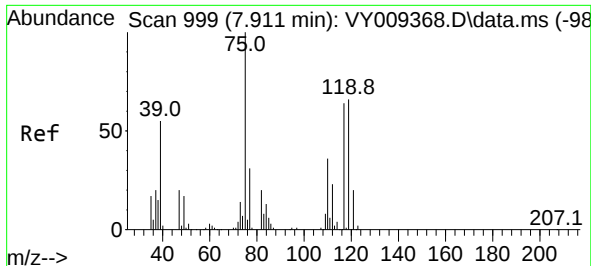
Delta R.T. 0.006 min

Lab File: VY009405.D

Acq: 30 Jun 2022 19:53

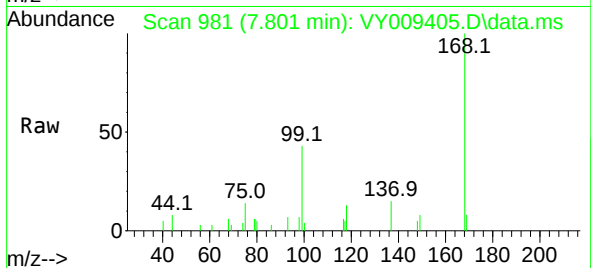
Tgt Ion:113	Resp:	2705
Ion Ratio	Lower	Upper
113	100	
111	102.3	82.6 124.0
192	22.2	17.6 26.4



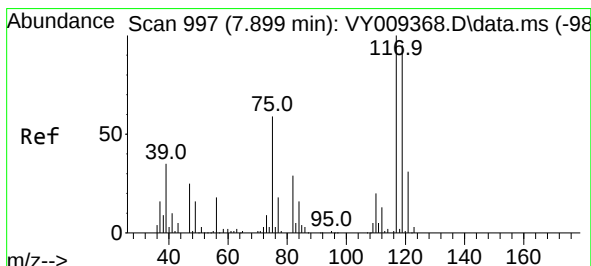
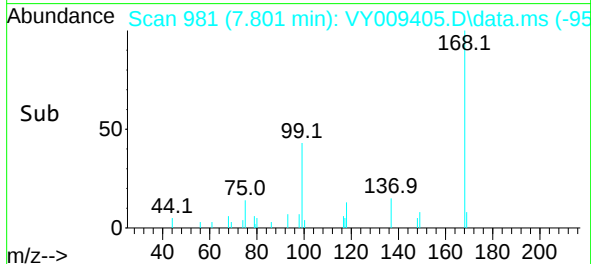
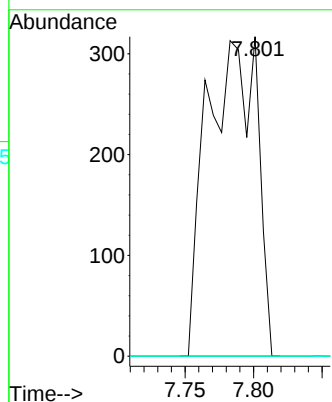


#36
1,1-Dichloropropene
Concen: 5.502 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

Instrument :
MSVOA_Y
ClientSampleId :

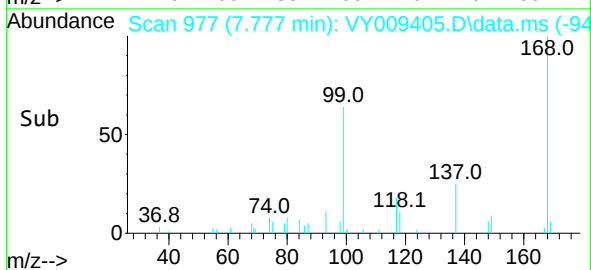
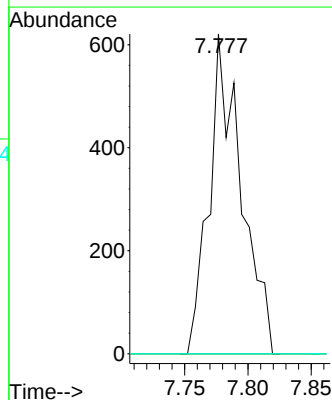
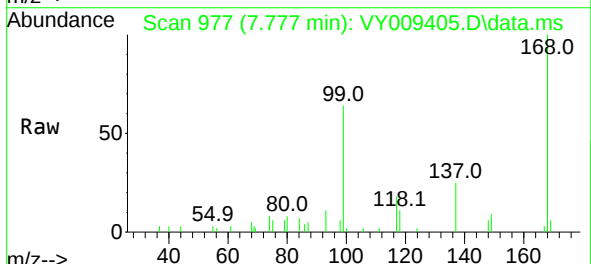


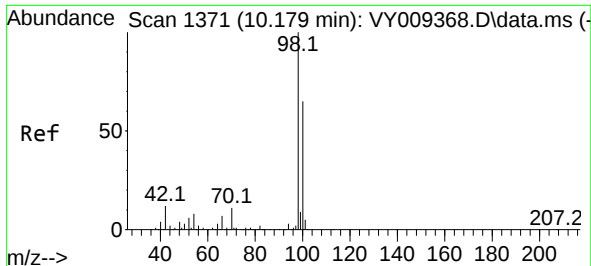
Tgt Ion: 75 Resp: 791
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.260 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

Tgt Ion: 117 Resp: 1091
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

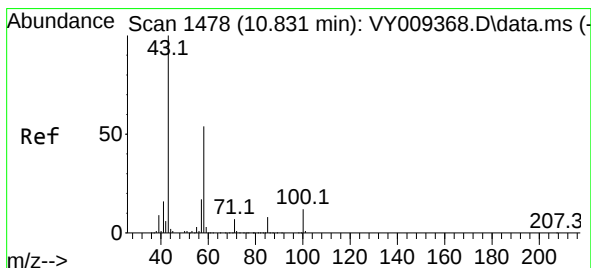
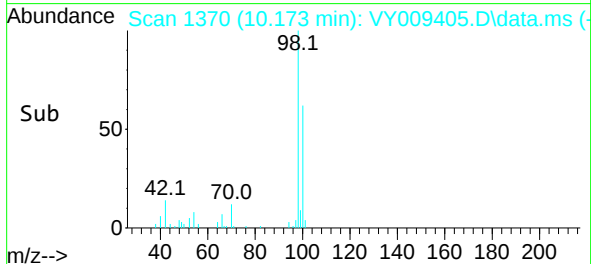
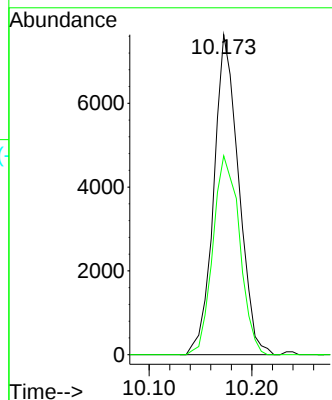
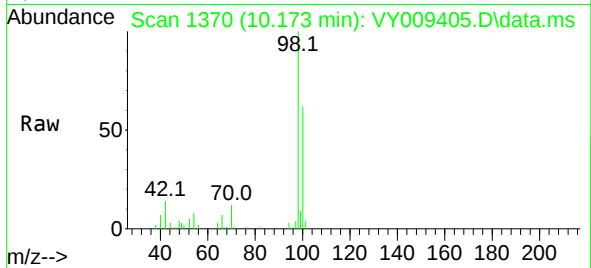




#50
Toluene-d8
Concen: 50.828 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

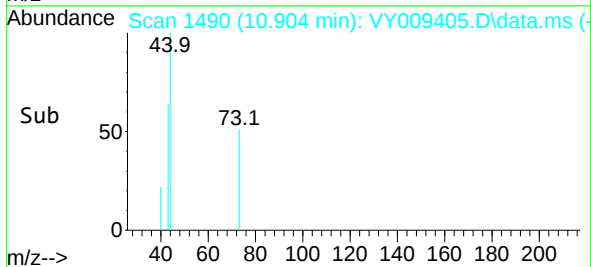
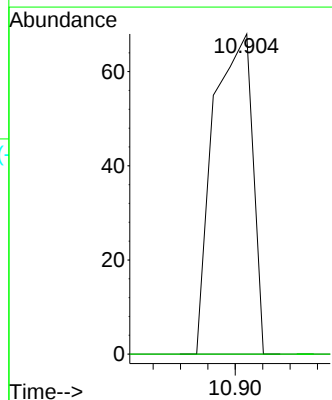
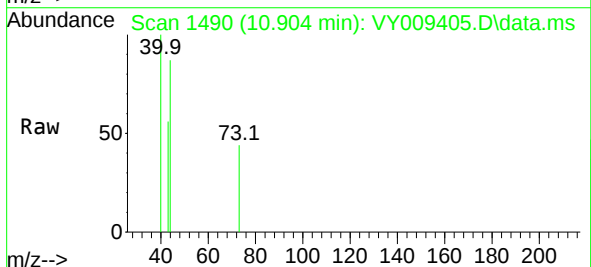
Instrument :
MSVOA_Y
ClientSampleId :

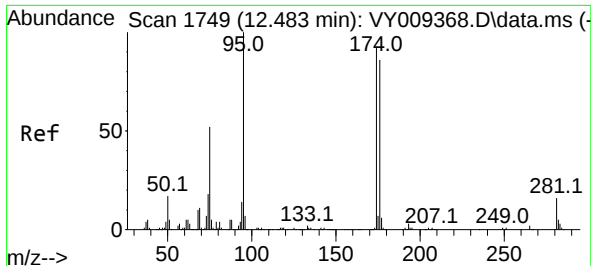
Tgt Ion: 98 Resp: 12814
Ion Ratio Lower Upper
98 100
100 66.5 50.2 75.2



#59
2-Hexanone
Concen: 1.202 ug/l
RT: 10.904 min Scan# 1490
Delta R.T. 0.073 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

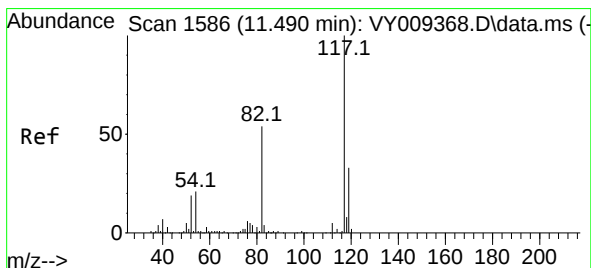
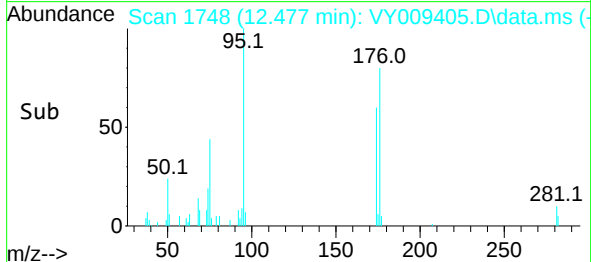
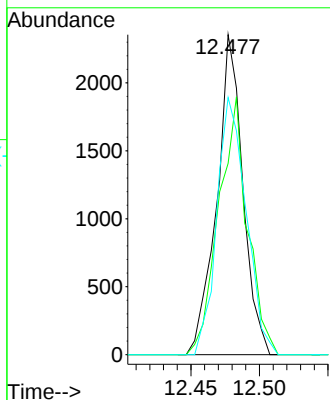
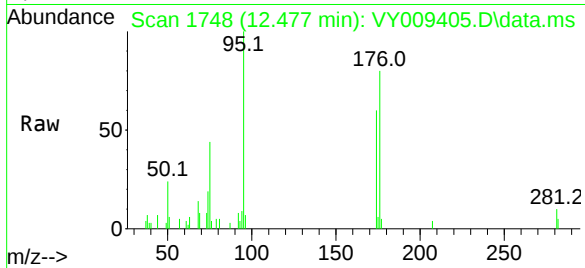




#62
4-Bromofluorobenzene
Concen: 26.061 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

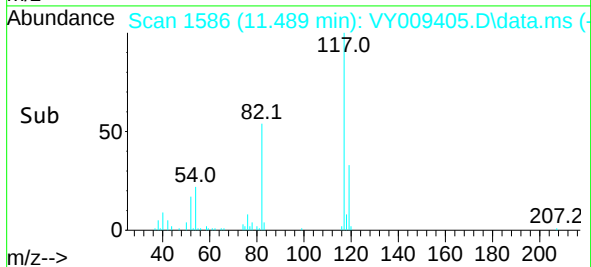
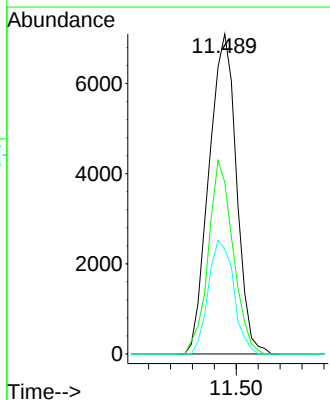
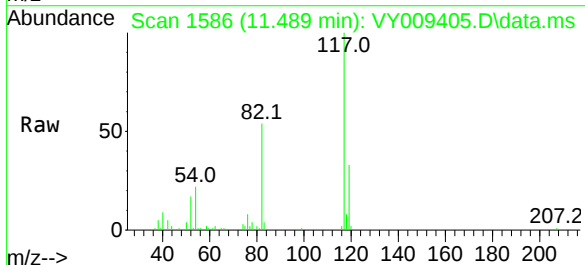
Instrument :
MSVOA_Y
ClientSampleId :

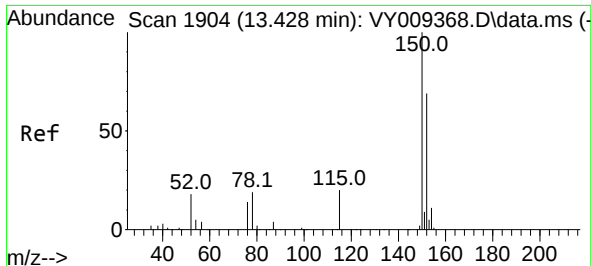
Tgt Ion: 95 Resp: 3116
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 90.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

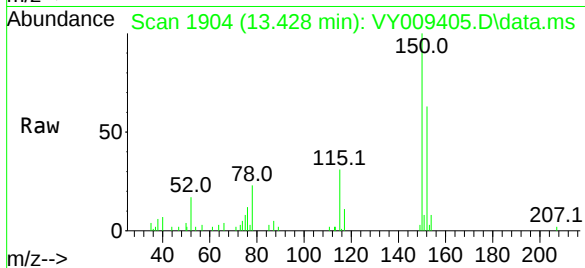
Tgt Ion: 117 Resp: 12368
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 32.8 25.4 38.0



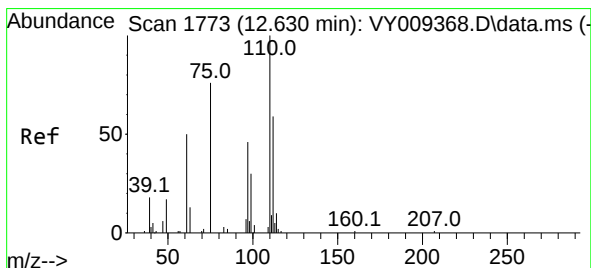
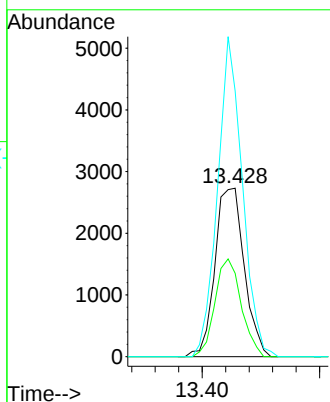
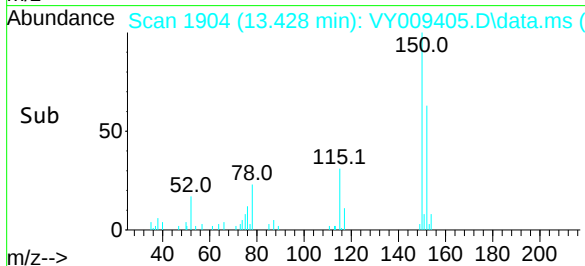


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53

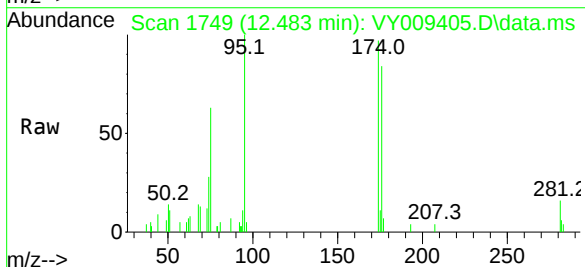
Instrument :
MSVOA_Y
ClientSampleId :



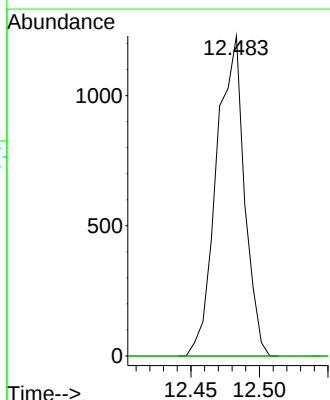
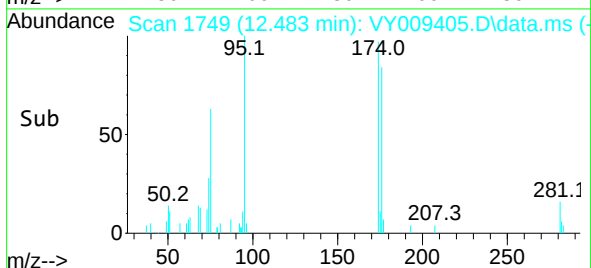
Tgt Ion:152 Resp: 4730
Ion Ratio Lower Upper
152 100
115 52.0 28.2 84.7
150 160.8 0.0 347.6

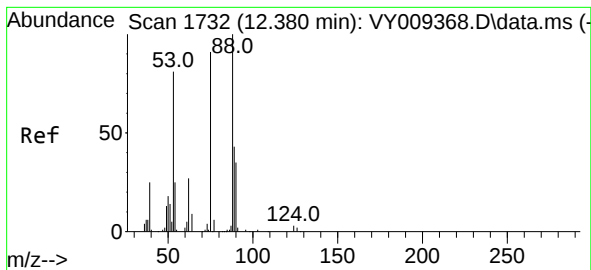


#76
1,2,3-Trichloropropane
Concen: 31.322 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009405.D
Acq: 30 Jun 2022 19:53



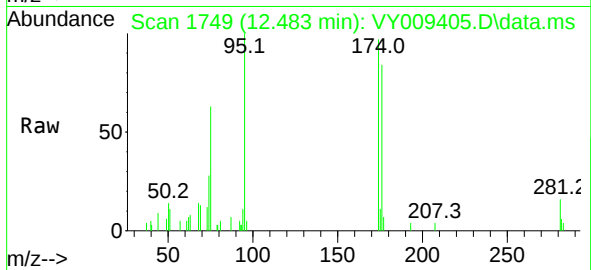
Tgt Ion: 75 Resp: 1735
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.738 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY009405.D
 Acq: 30 Jun 2022 19:53

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 1735
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

