

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041822\
 Data File : VY008365.D
 Acq On : 18 Apr 2022 11:53
 Operator : KP/MD
 Sample : VY0418SBL
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBL01

Quant Time: Apr 19 06:27:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

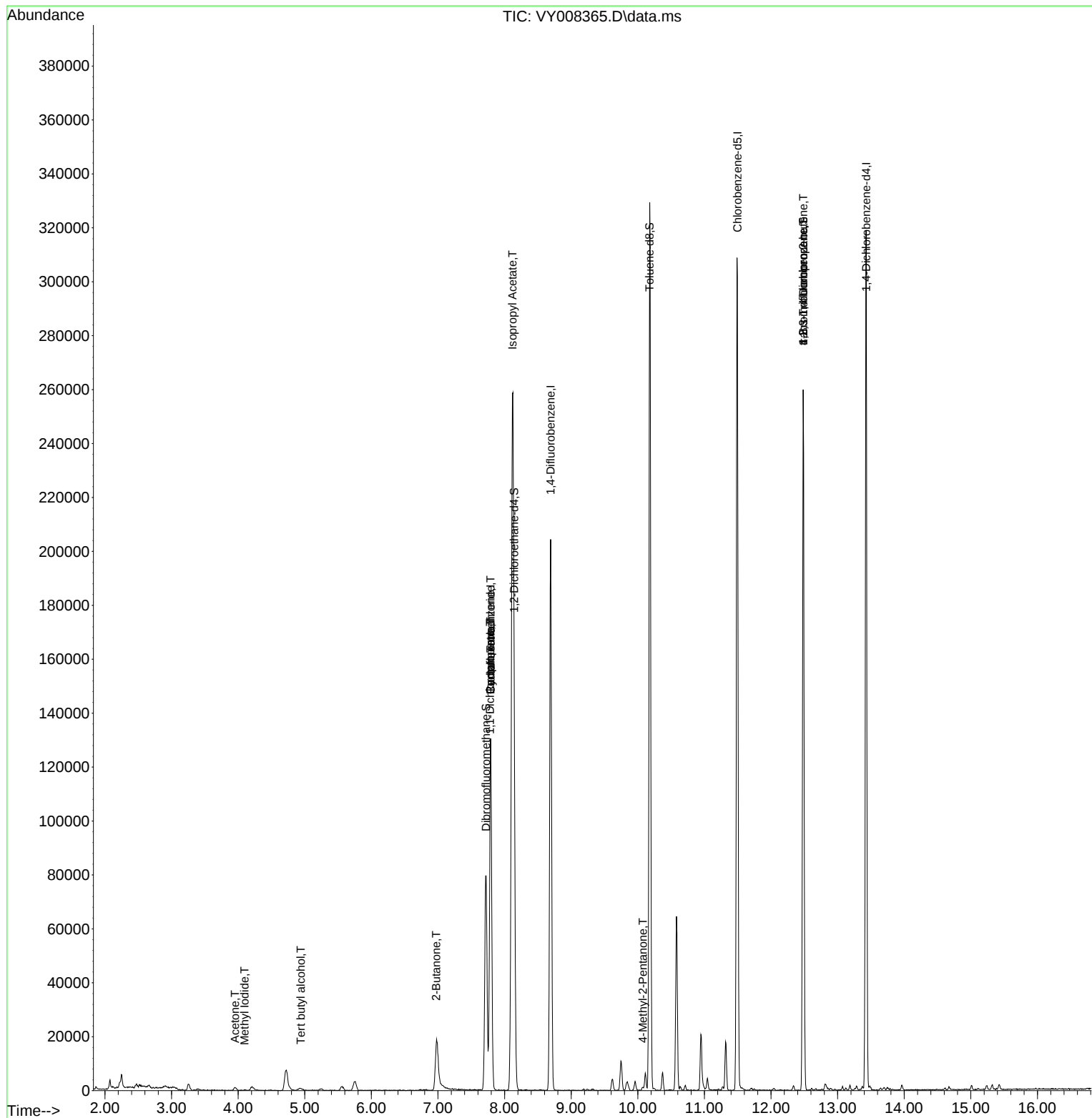
Internal Standards						
1) Pentafluorobenzene	7.789	168	101005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	182876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57257	60.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.700%	
35) Dibromofluoromethane	7.722	113	57599	54.531	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.060%	
50) Toluene-d8	10.179	98	223777	61.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.820%	
62) 4-Bromofluorobenzene	12.483	95	75116	55.255	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	380	Below Cal		96
5) Bromomethane	2.662	94	349	Below Cal	#	72
10) Methyl Iodide	4.094	142	357	2.665	ug/l #	75
11) Tert butyl alcohol	4.942	59	1086	10.707	ug/l #	77
16) Acetone	3.954	43	1731	7.585	ug/l	90
18) Methyl Acetate	4.497	43	233	Below Cal	#	56
20) Methylene Chloride	4.710	84	6483	Below Cal	#	72
25) 2-Butanone	6.972	43	609	1.707	ug/l	99
31) Cyclohexane	7.789	56	2122	1.237	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7883	4.674	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10386	5.724	ug/l #	15
43) Isopropyl Acetate	8.118	43	4891	3.030	ug/l #	1
51) 4-Methyl-2-Pentanone	10.075	43	881	1.057	ug/l	98
76) 1,2,3-Trichloropropane	12.483	75	39333	45.430	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39333	101.649	ug/l #	7

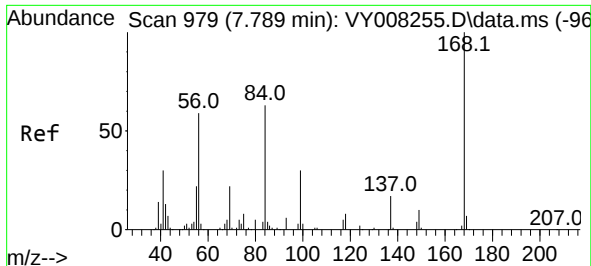
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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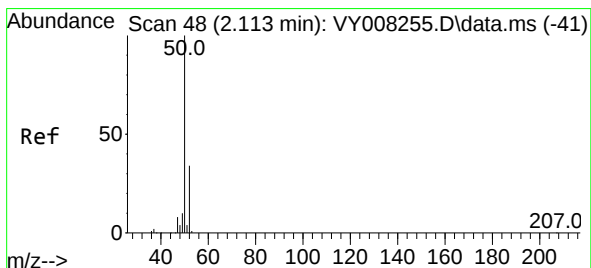
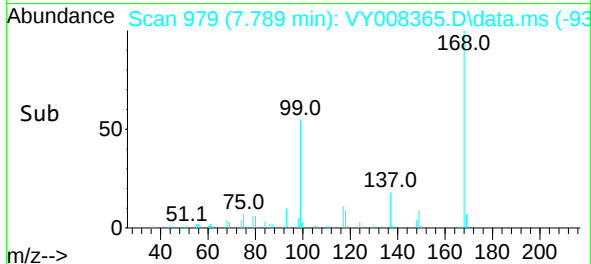
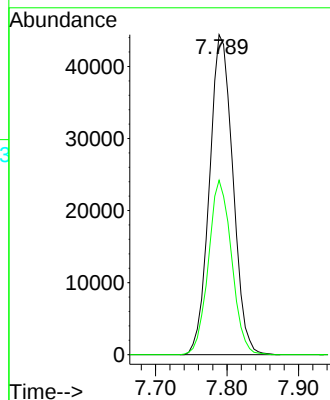
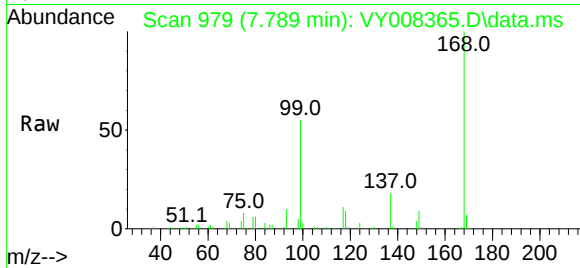




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

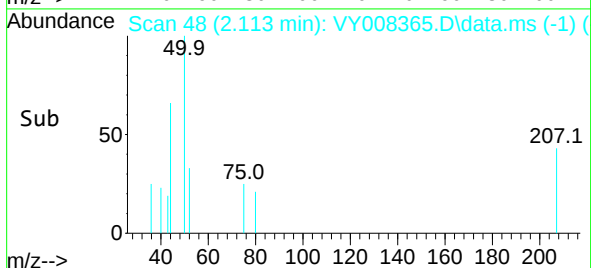
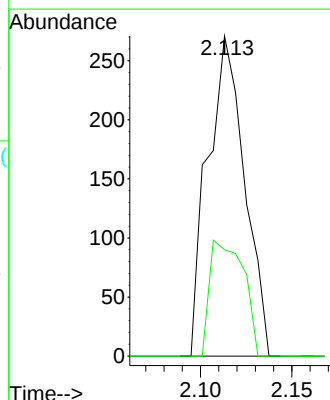
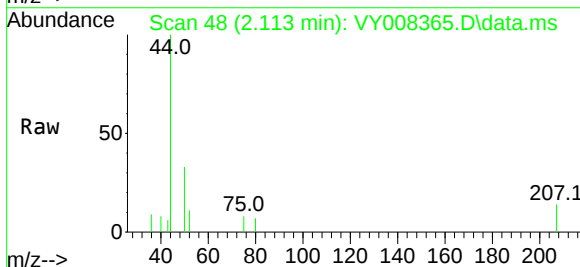
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

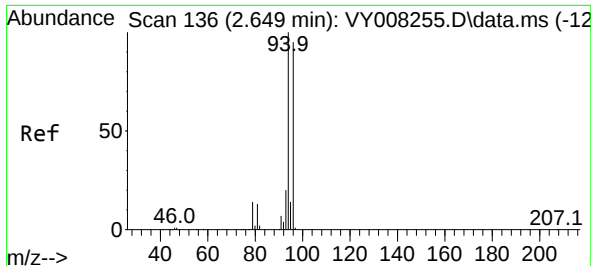
Tgt Ion:168 Resp: 101005
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

Tgt Ion: 50 Resp: 380
Ion Ratio Lower Upper
50 100
52 33.2 24.6 37.0

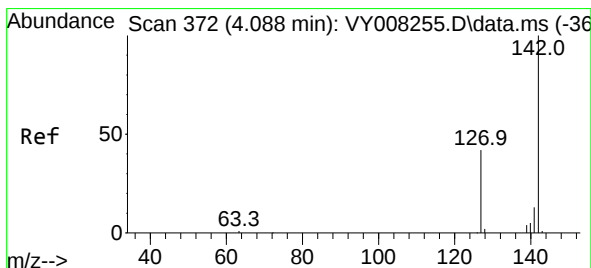
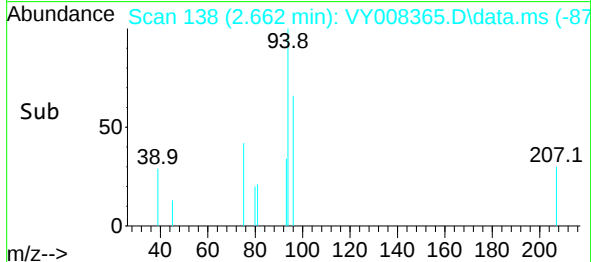
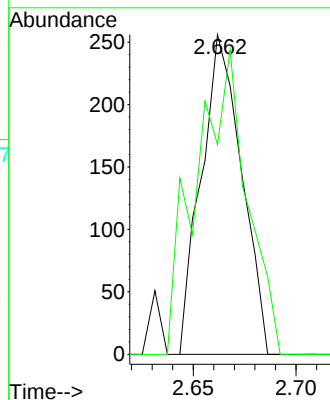
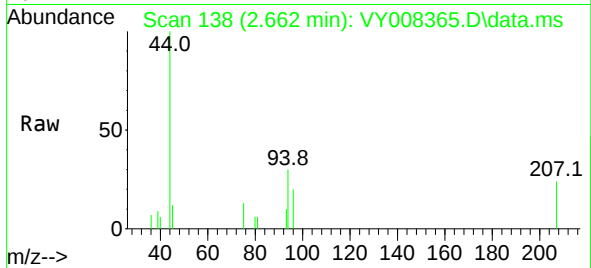




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

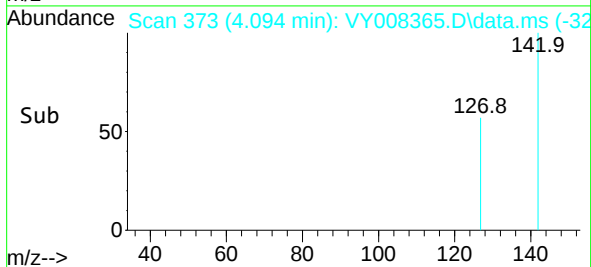
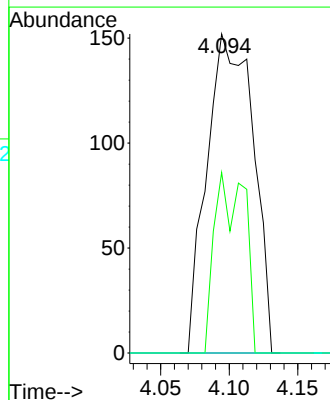
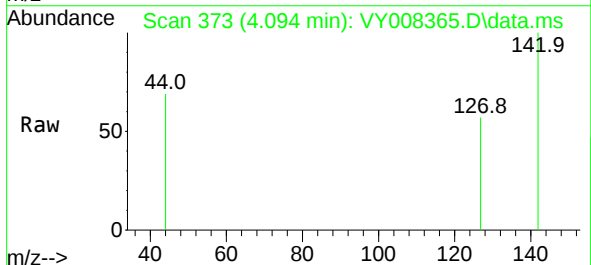
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

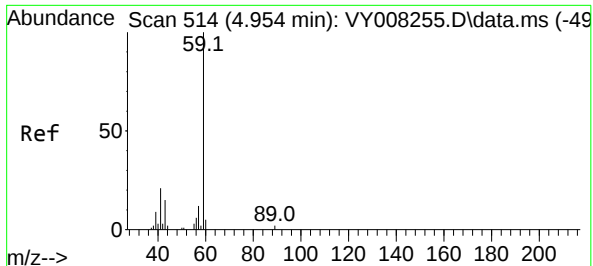
Tgt Ion: 94 Resp: 349
Ion Ratio Lower Upper
94 100
96 65.6 73.5 110.3#



#10
Methyl Iodide
Concen: 2.665 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

Tgt Ion:142 Resp: 357
Ion Ratio Lower Upper
142 100
127 37.0 41.5 62.3#
141 0.0 11.9 17.9#

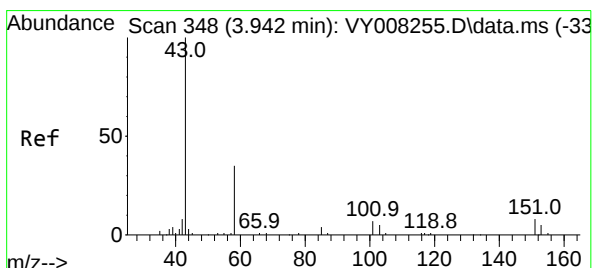
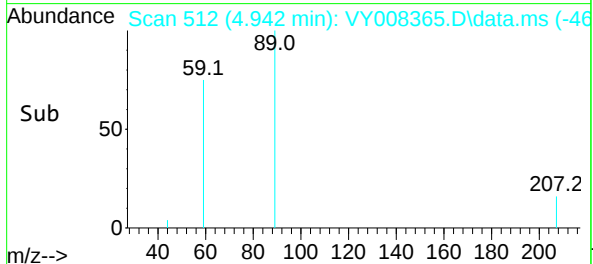
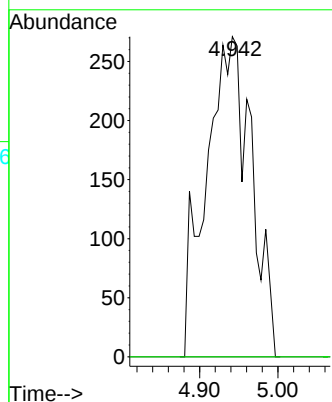
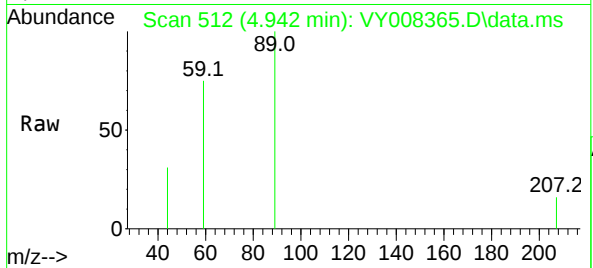




#11
Tert butyl alcohol
Concen: 10.707 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

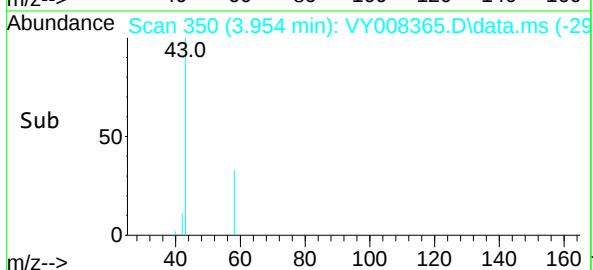
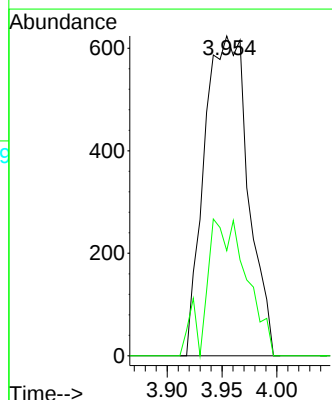
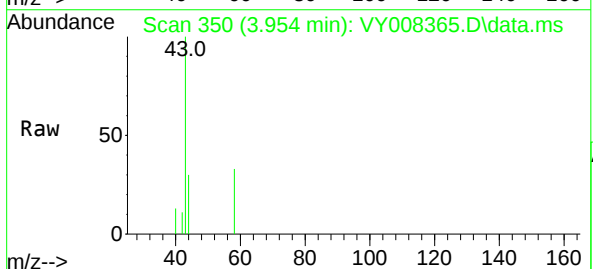
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

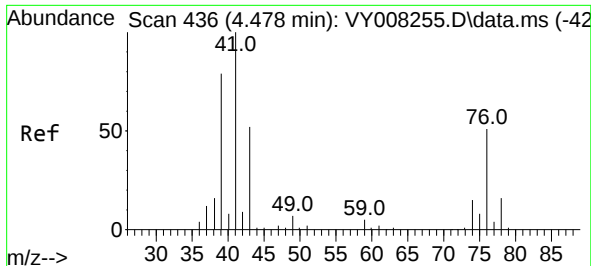
Tgt Ion: 59 Resp: 1086
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 7.585 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

Tgt Ion: 43 Resp: 1731
Ion Ratio Lower Upper
43 100
58 32.9 22.0 33.0

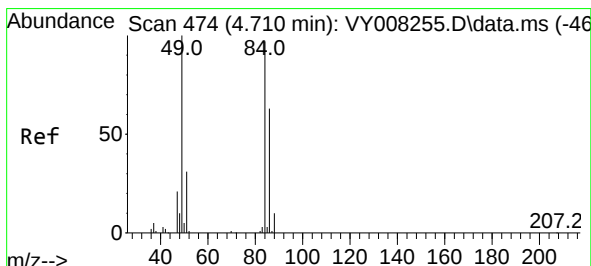
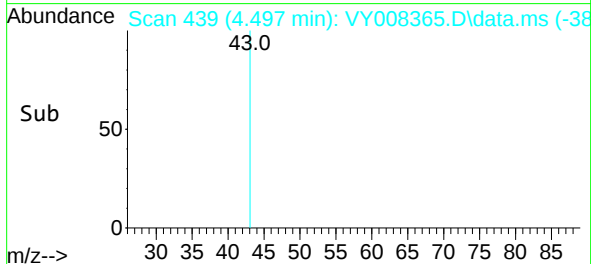
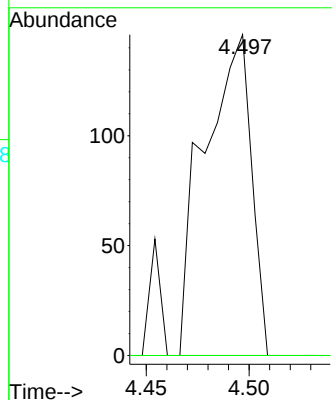
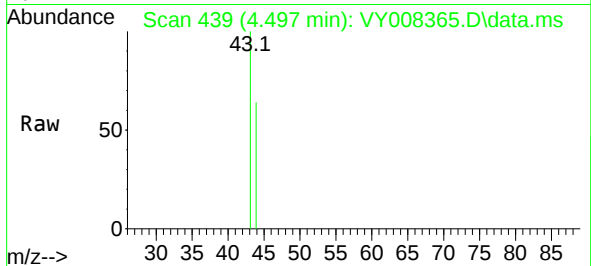




#18
Methyl Acetate
Concen: Below Cal
RT: 4.497 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

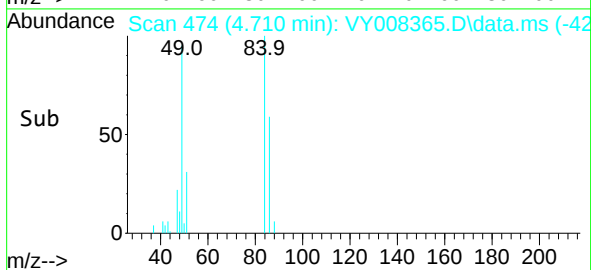
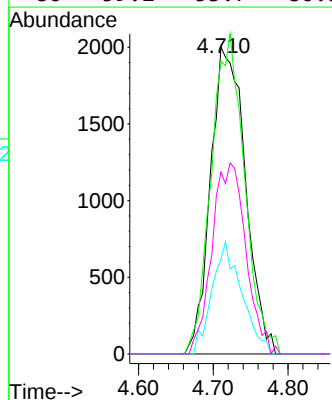
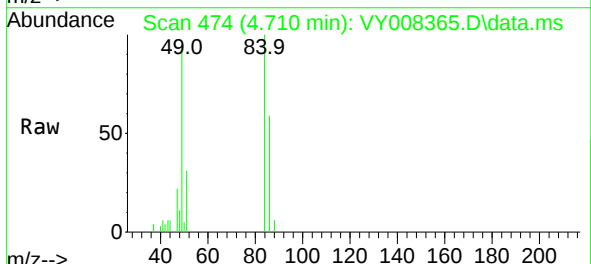
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

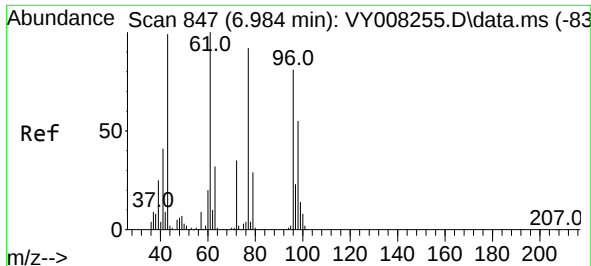
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

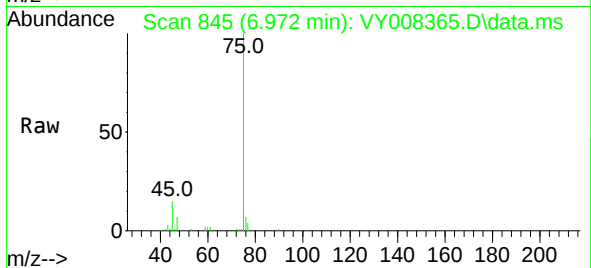
Tgt Ion: 84 Resp: 6483
Ion Ratio Lower Upper
84 100
49 95.4 114.4 171.6#
51 31.0 35.3 52.9#
86 59.2 53.7 80.5



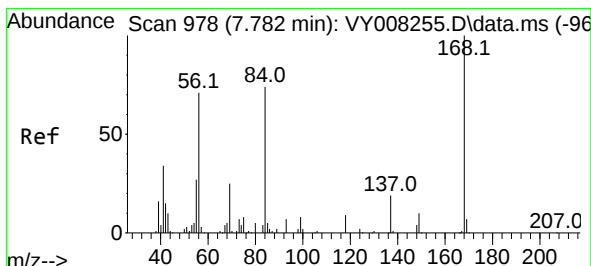
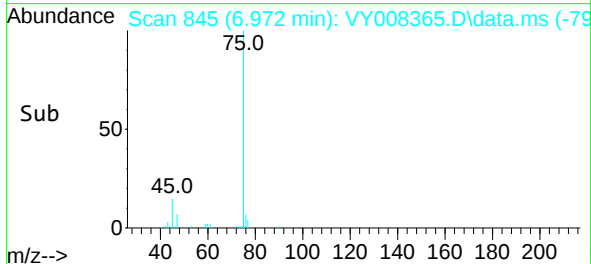
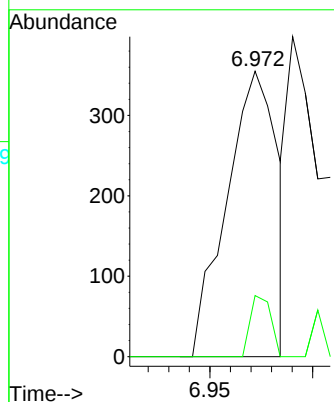


#25
2-Butanone
Concen: 1.707 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

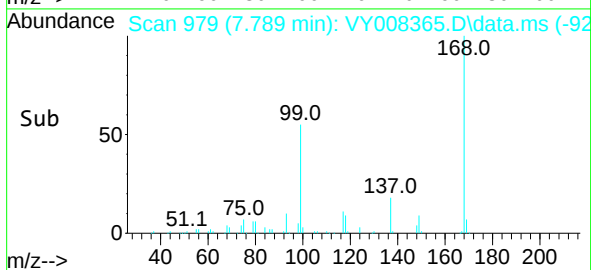
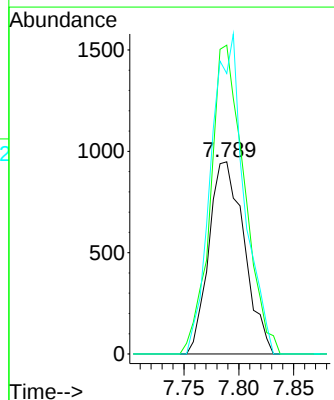
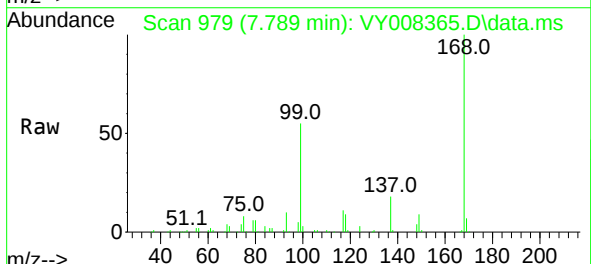


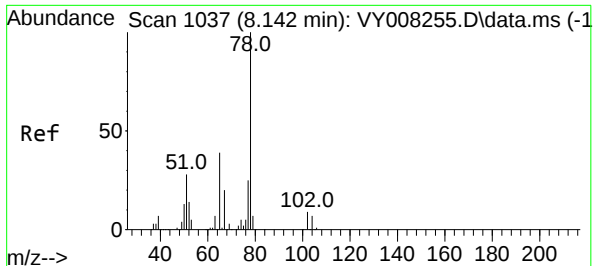
Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
72 21.4 17.7 26.5



#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

Tgt Ion: 56 Resp: 2122
Ion Ratio Lower Upper
56 100
69 160.8 26.7 40.1#
84 146.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 60.349 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008365.D

Acq: 18 Apr 2022 11:53

Instrument :

MSVOA_Y

ClientSampleId :

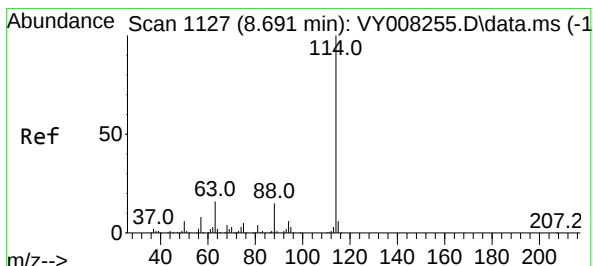
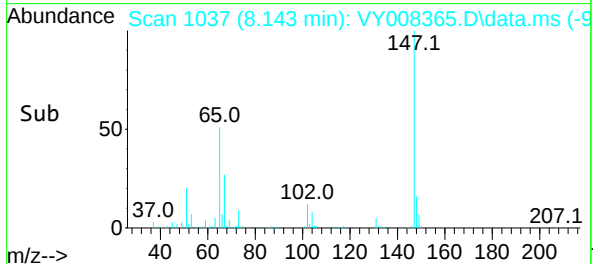
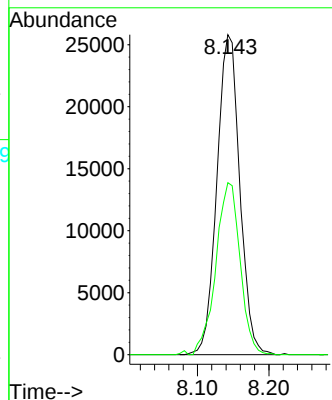
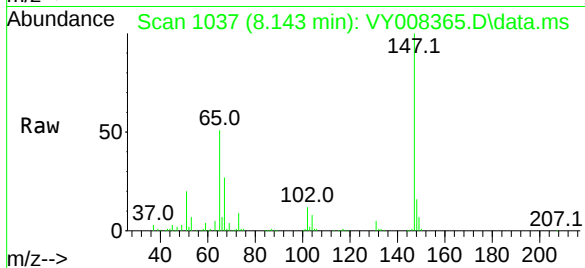
VY0418SBL01

Tgt Ion: 65 Resp: 57257

Ion Ratio Lower Upper

65 100

67 56.9 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: VY008365.D

Acq: 18 Apr 2022 11:53

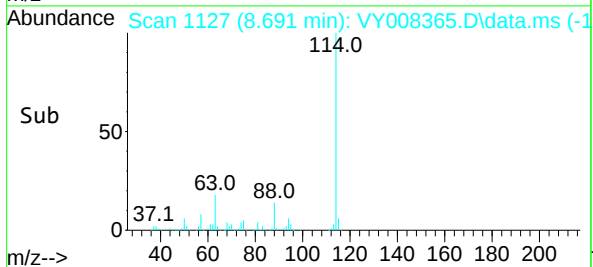
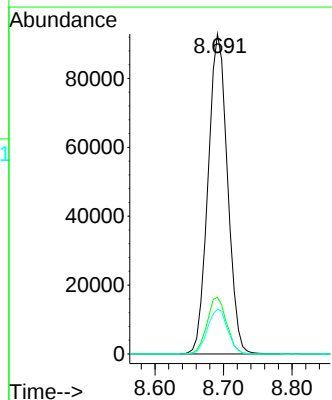
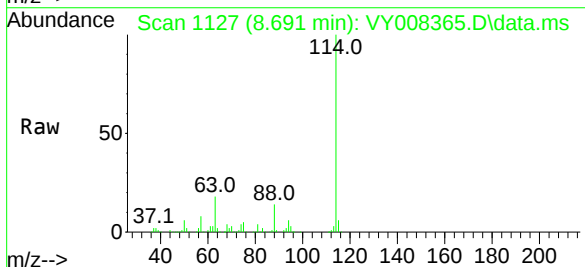
Tgt Ion: 114 Resp: 182876

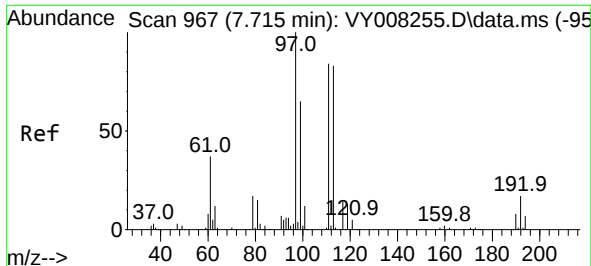
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.0 0.0 31.8

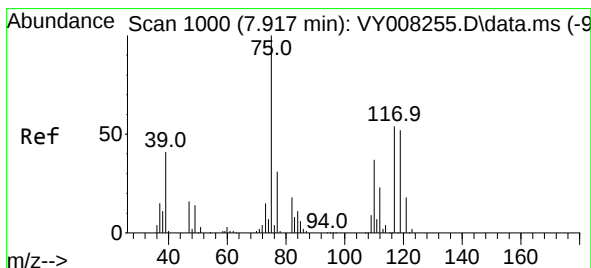
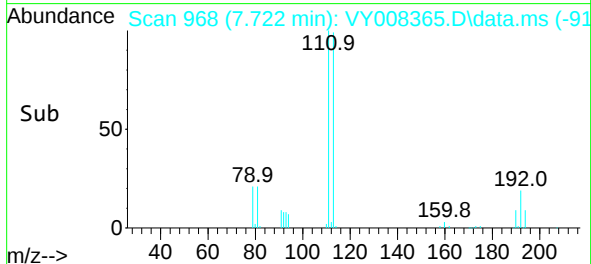
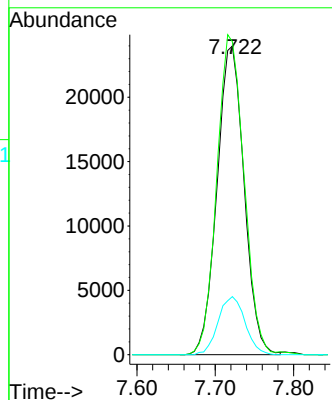
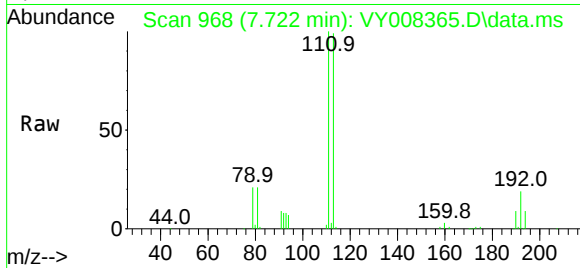




#35
Dibromofluoromethane
Concen: 54.531 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.007 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

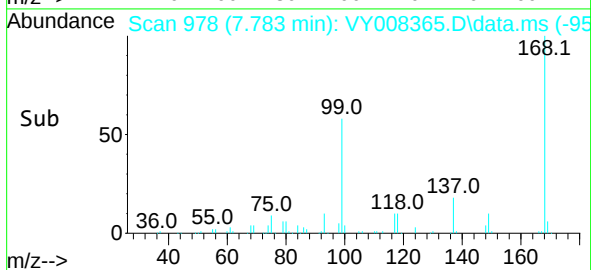
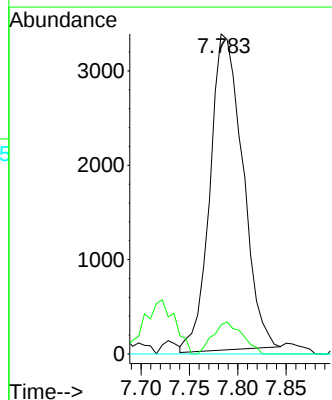
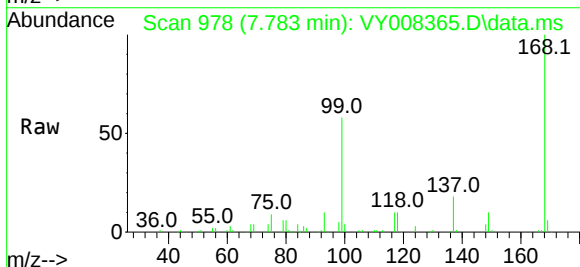
Instrument :
MSVOA_Y
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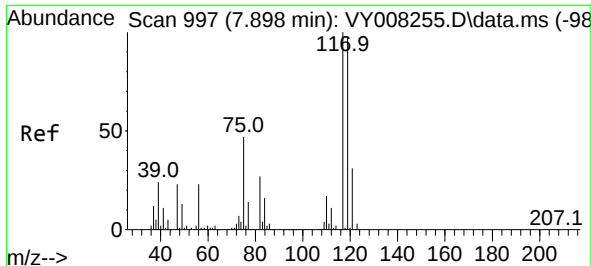
Tgt Ion:113 Resp: 57599
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.674 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

Tgt Ion: 75 Resp: 7883
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#

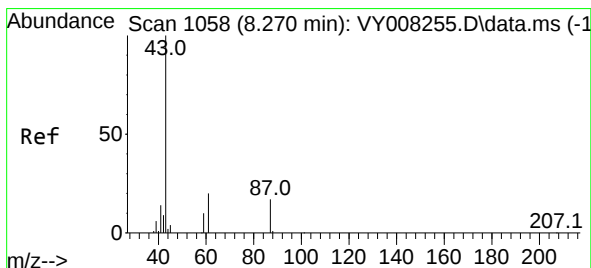
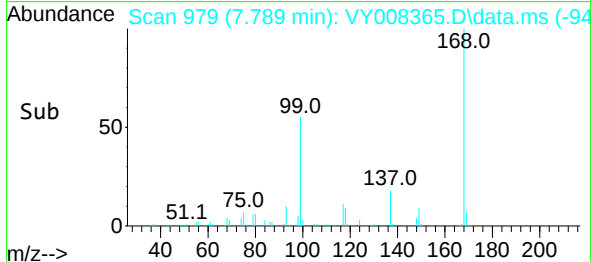
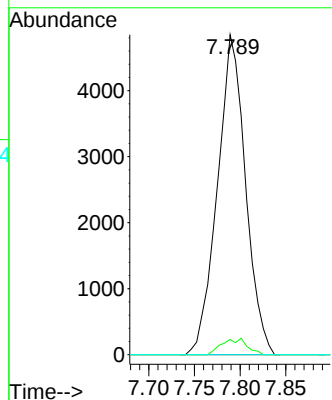
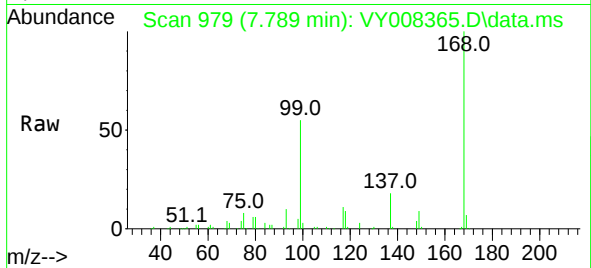




#38
Carbon Tetrachloride
Concen: 5.724 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

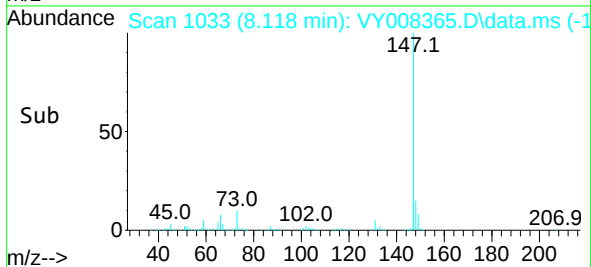
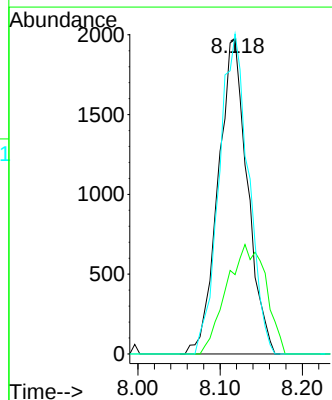
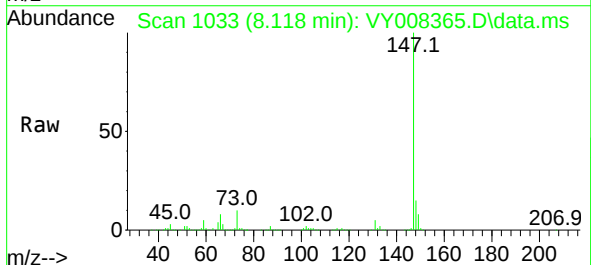
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

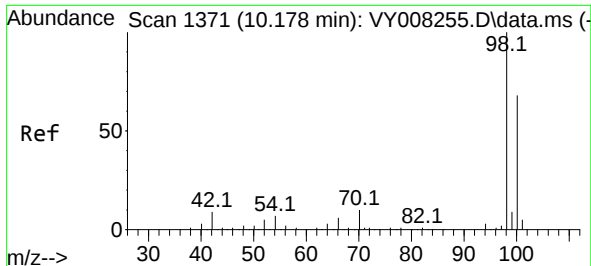
Tgt Ion:117 Resp: 10386
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 3.030 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.152 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

Tgt Ion: 43 Resp: 4891
Ion Ratio Lower Upper
43 100
61 46.7 20.2 30.2#
87 101.8 8.9 13.3#

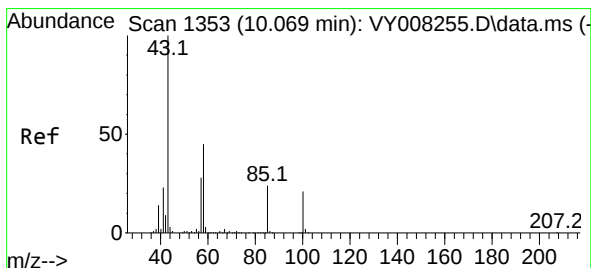
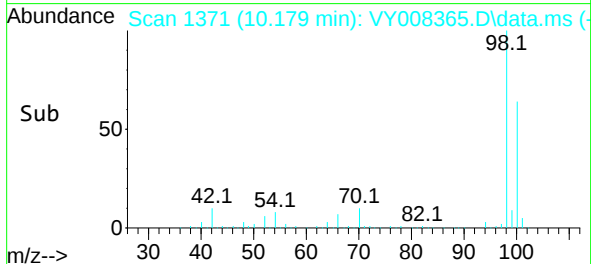
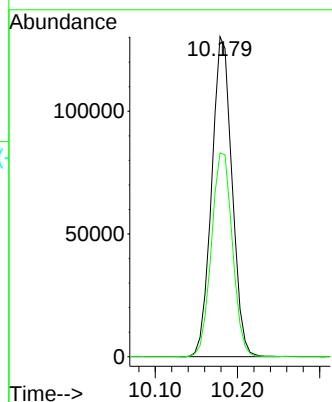
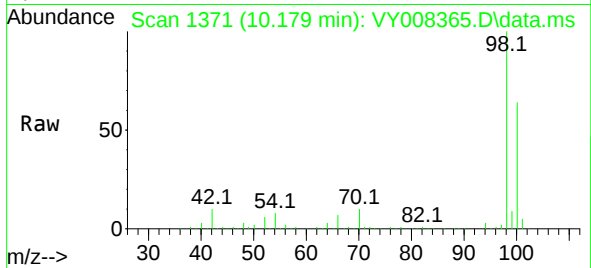




#50
Toluene-d8
Concen: 61.914 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

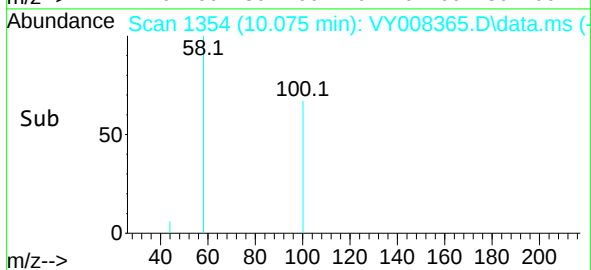
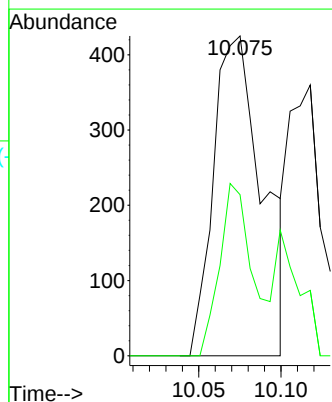
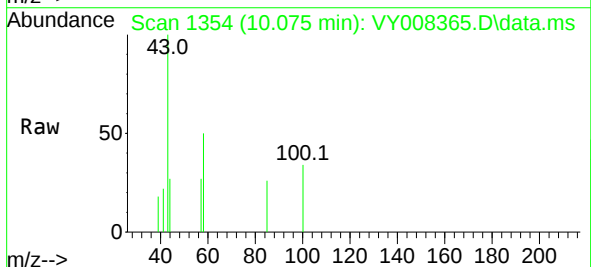
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

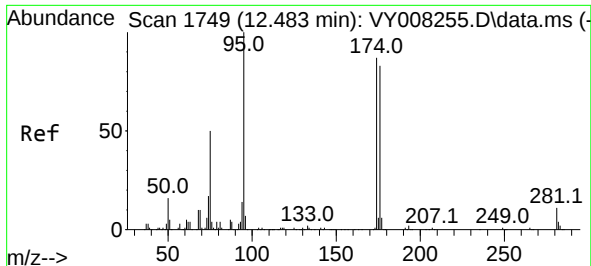
Tgt Ion: 98 Resp: 223777
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.057 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 36.5 28.1 42.1

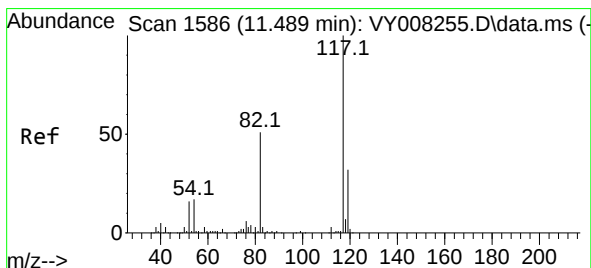
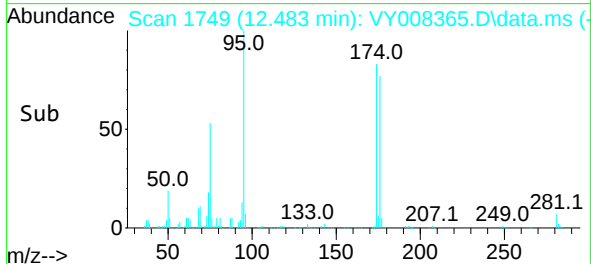
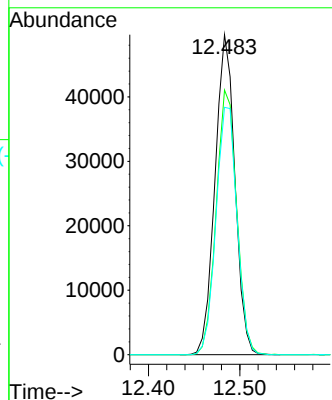
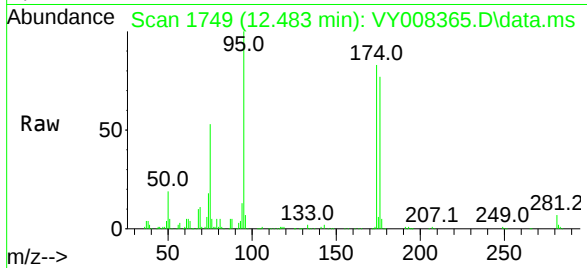




#62
4-Bromofluorobenzene
Concen: 55.255 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

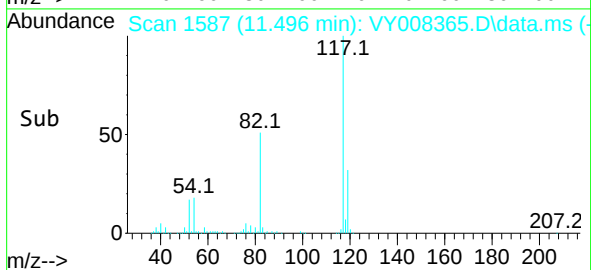
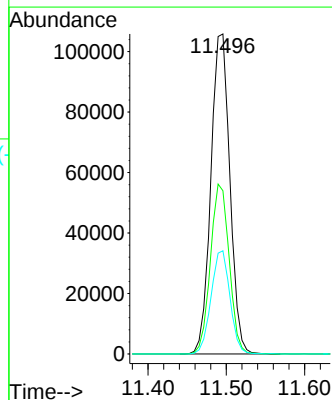
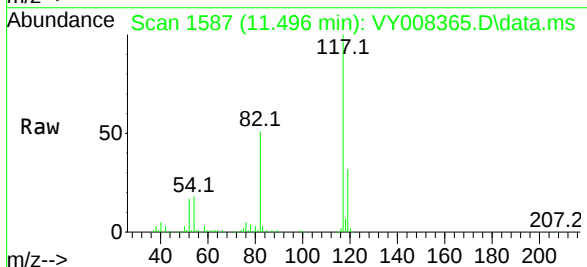
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBL01

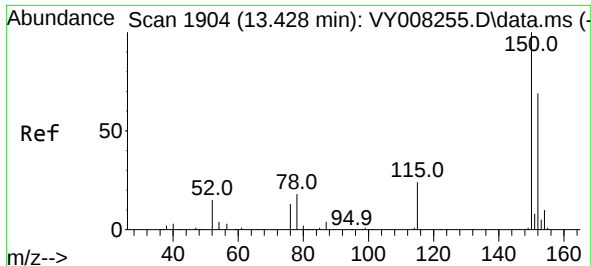
Tgt Ion: 95 Resp: 75116
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008365.D
Acq: 18 Apr 2022 11:53

Tgt Ion: 117 Resp: 178198
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 32.3 25.4 38.0

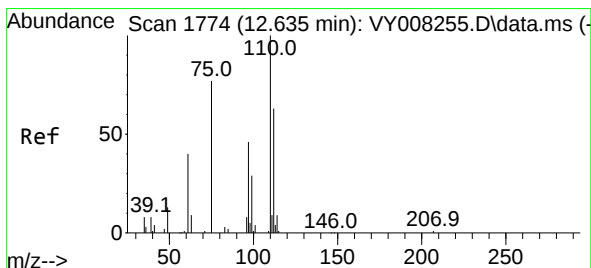
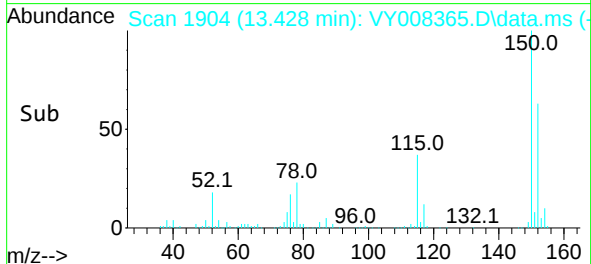
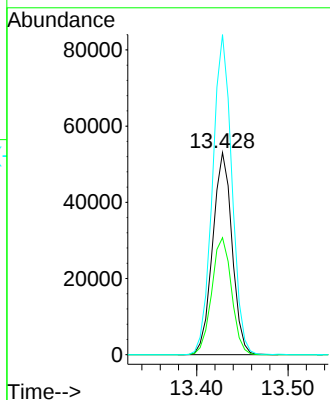
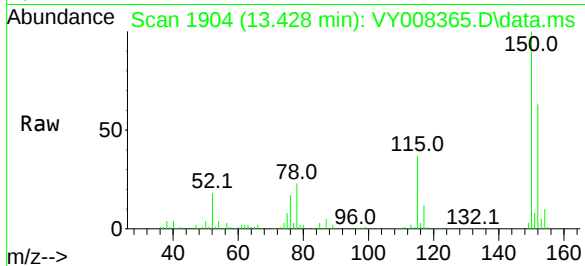




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008365.D
 Acq: 18 Apr 2022 11:53

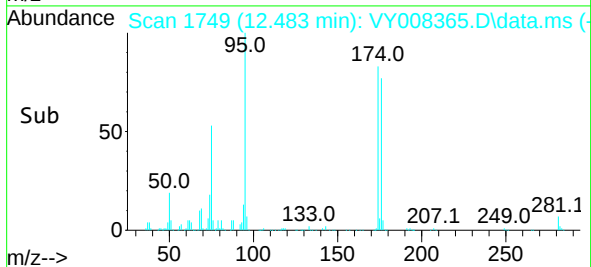
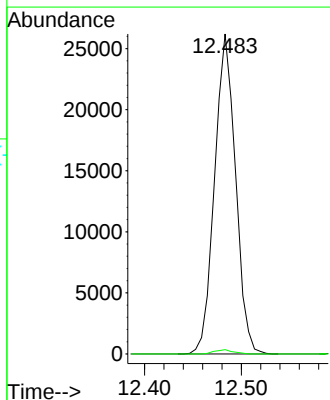
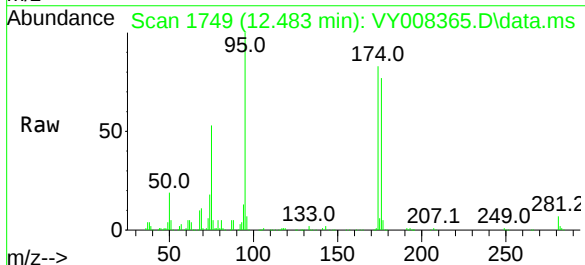
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBL01

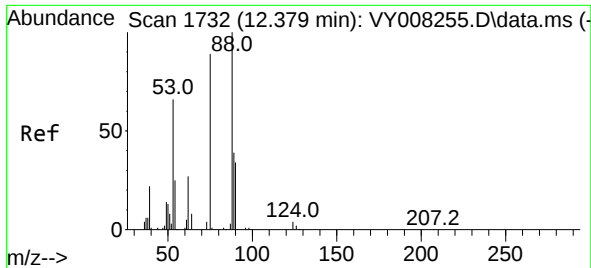
Tgt Ion:152 Resp: 78283
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.2 84.7
 150 157.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 45.430 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008365.D
 Acq: 18 Apr 2022 11:53

Tgt Ion: 75 Resp: 39333
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.649 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008365.D
 Acq: 18 Apr 2022 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBL01

Tgt Ion: 75 Resp: 39333
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

