

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030222\
 Data File : VY007682.D
 Acq On : 02 Mar 2022 10:32
 Operator : SY/MD
 Sample : VY0302SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0302SBL01

Quant Time: Mar 03 00:32:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

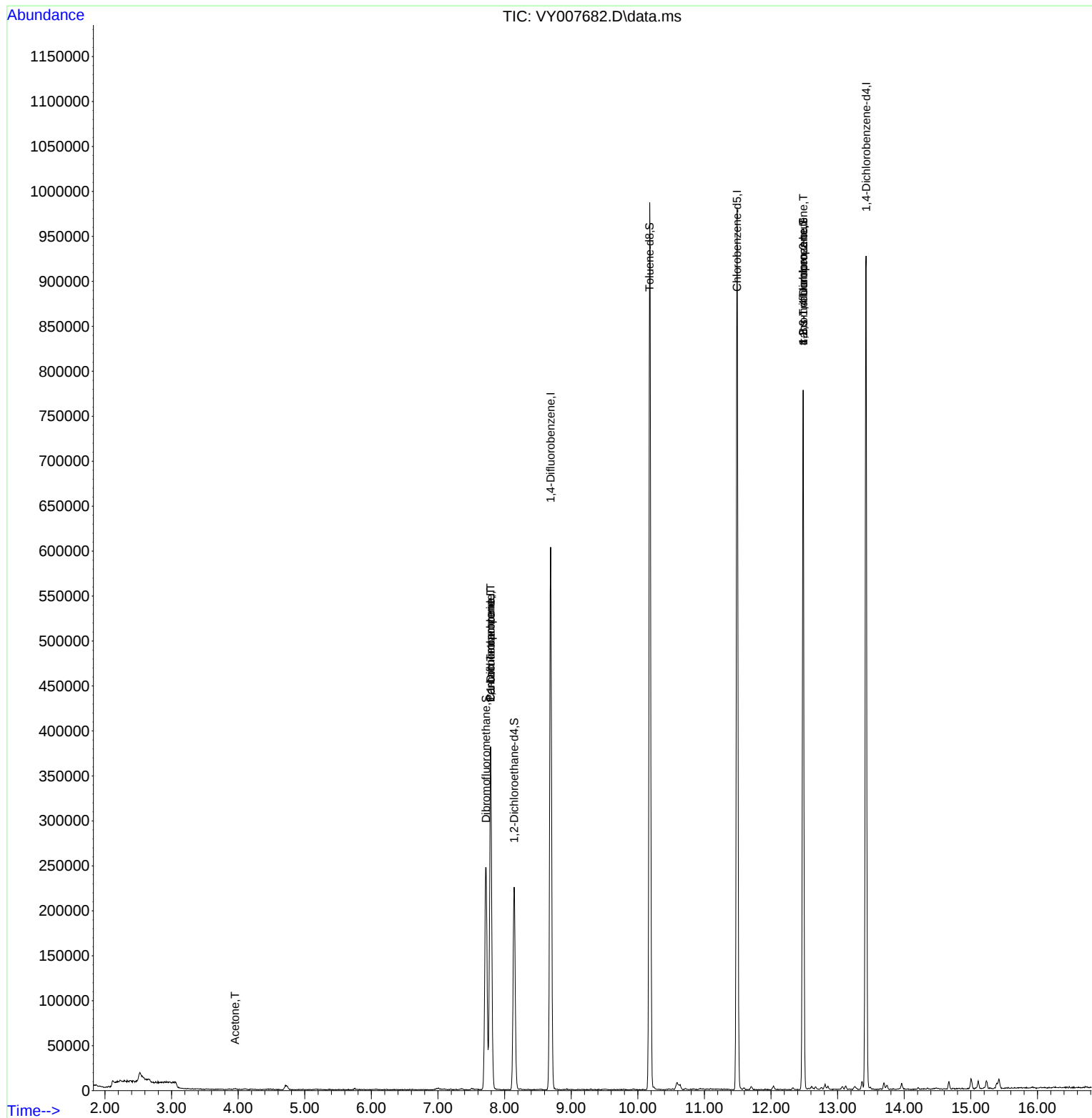
Internal Standards						
1) Pentafluorobenzene	7.789	168	291507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	530107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	522766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	236412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	173469	56.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.680%	
35) Dibromofluoromethane	7.722	113	176467	52.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.140%	
50) Toluene-d8	10.179	98	662023	53.065	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.140%	
62) 4-Bromofluorobenzene	12.483	95	212094	52.741	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	145	Below Cal	#	43
3) Chloromethane	2.113	50	3013	Below Cal		93
13) Acrolein	3.741	56	140	Below Cal	#	52
16) Acetone	3.954	43	1301	2.096	ug/l #	85
17) Carbon Disulfide	4.192	76	460	Below Cal	#	75
18) Methyl Acetate	4.472	43	533	Below Cal		93
20) Methylene Chloride	4.710	84	1666	Below Cal	#	78
31) Cyclohexane	7.789	56	6379	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	22915	4.298	ug/l #	51
38) Carbon Tetrachloride	7.789	117	29114	5.119	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	118036	44.708	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	118036	91.399	ug/l #	7

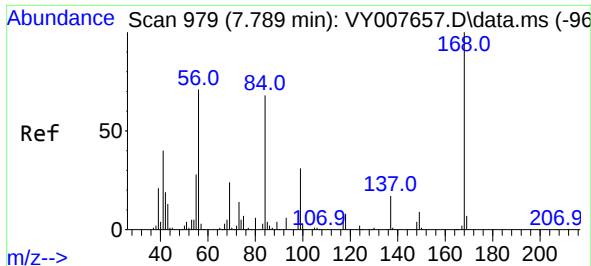
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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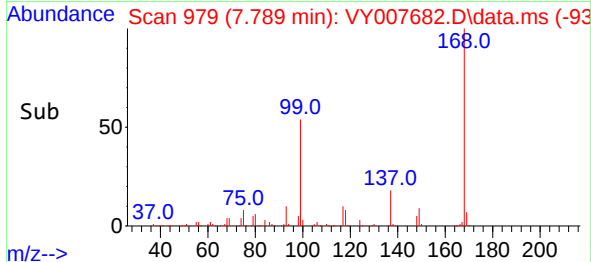
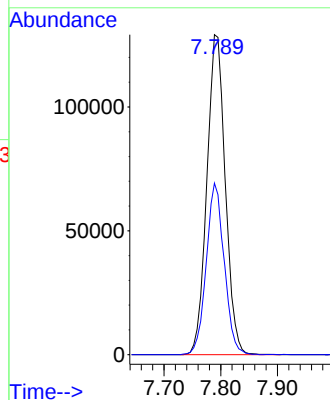
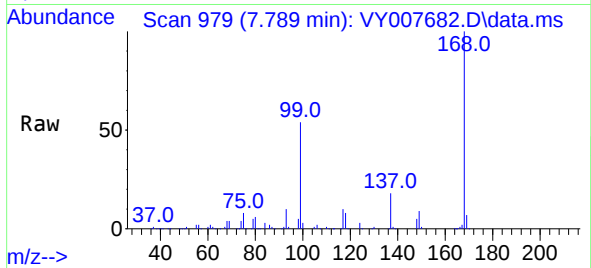




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

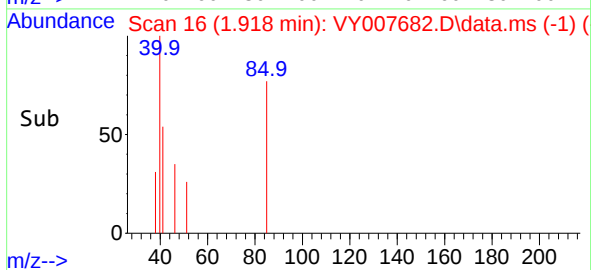
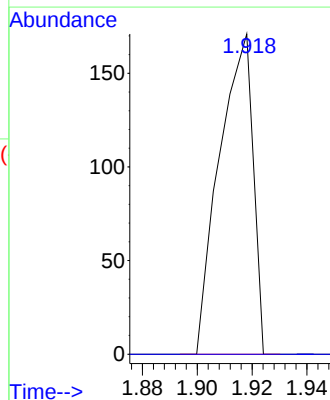
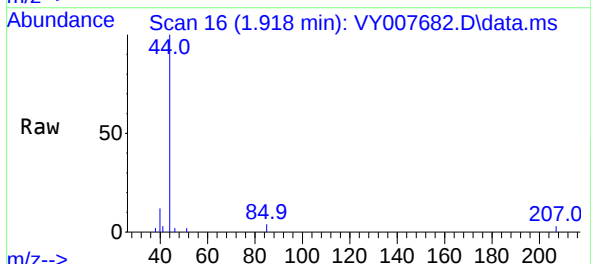
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

Tgt Ion:168 Resp: 291507
Ion Ratio Lower Upper
168 100
99 53.6 46.9 70.3

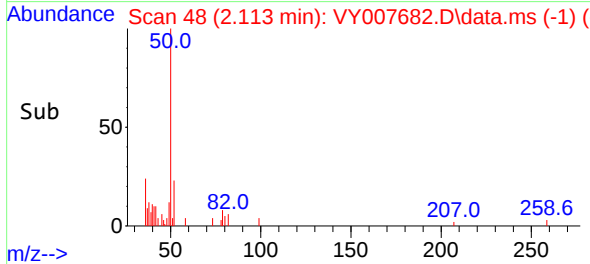
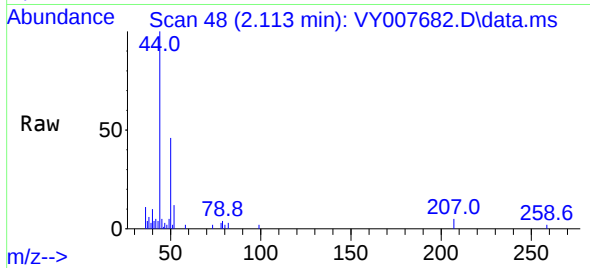
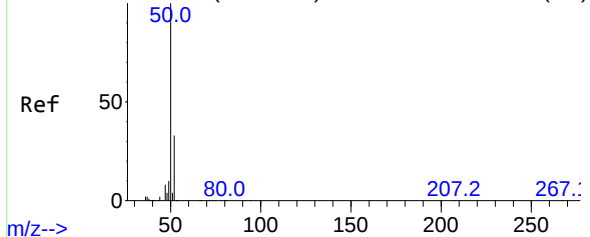


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

Tgt Ion: 85 Resp: 145
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007682.D

Acq: 02 Mar 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

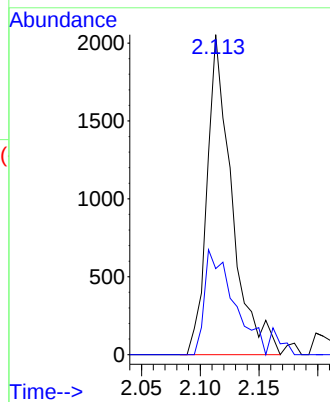
VY0302SBL01

Tgt Ion: 50 Resp: 3013

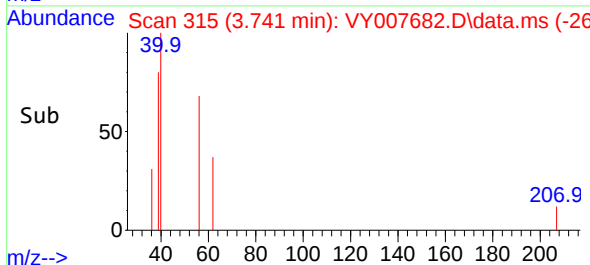
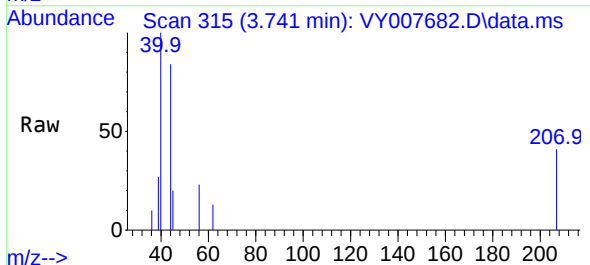
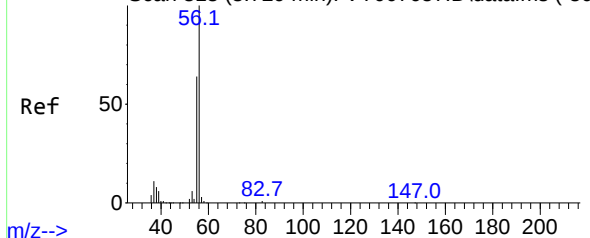
Ion Ratio Lower Upper

50 100

52 26.9 24.6 37.0



Abundance Scan 313 (3.729 min): VY007657.D\data.ms (-30)



#13

Acrolein

Concen: Below Cal

RT: 3.741 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY007682.D

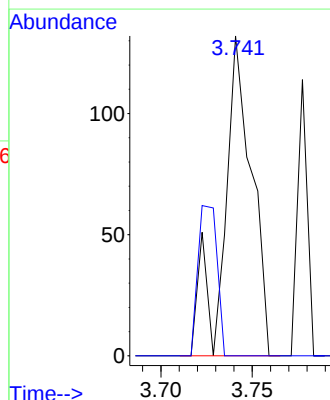
Acq: 02 Mar 2022 10:32

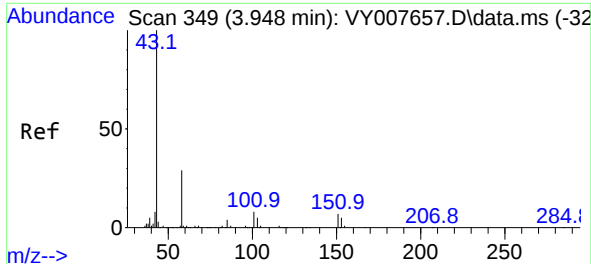
Tgt Ion: 56 Resp: 140

Ion Ratio Lower Upper

56 100

55 32.1 57.6 86.4#





#16

Acetone

Concen: 2.096 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY007682.D

Acq: 02 Mar 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

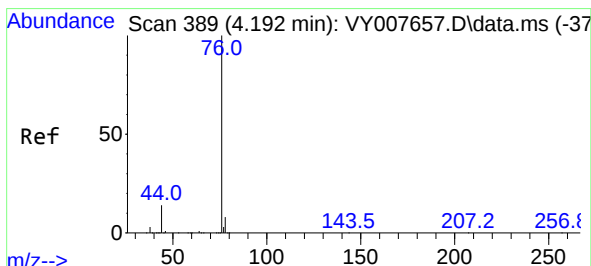
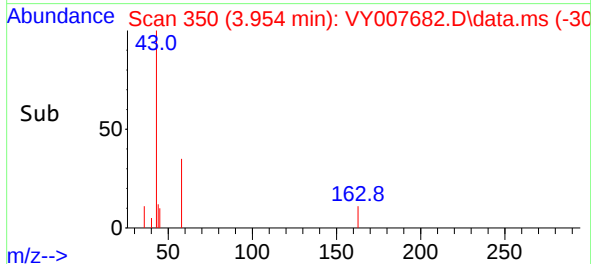
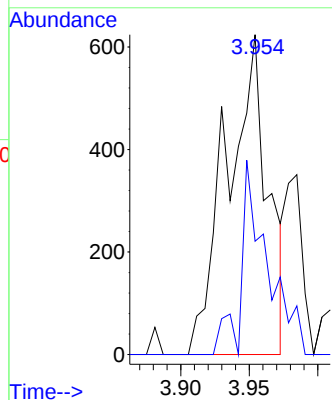
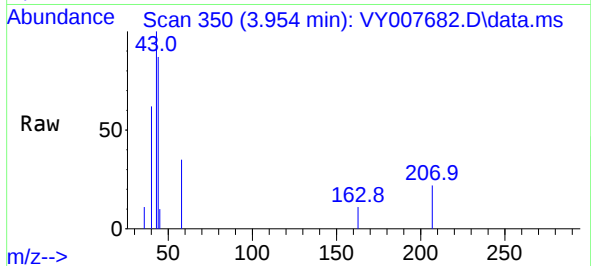
VY0302SBL01

Tgt Ion: 43 Resp: 1301

Ion Ratio Lower Upper

43 100

58 35.4 22.0 33.0#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.192 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY007682.D

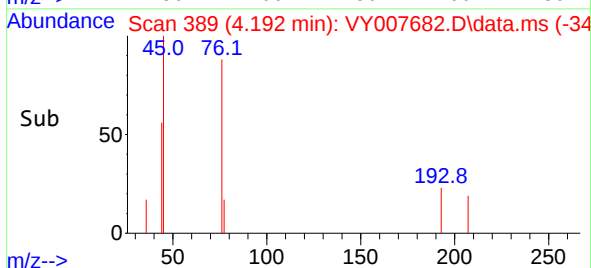
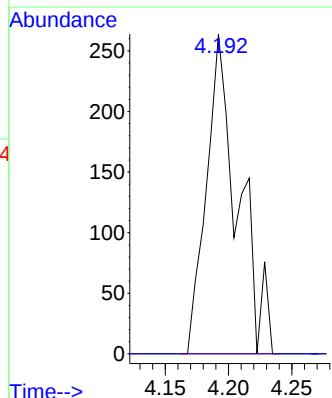
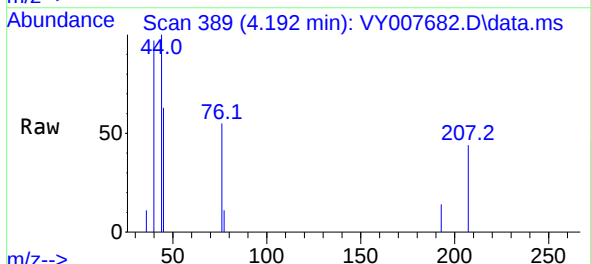
Acq: 02 Mar 2022 10:32

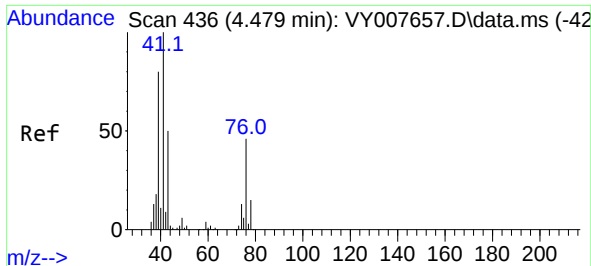
Tgt Ion: 76 Resp: 460

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#

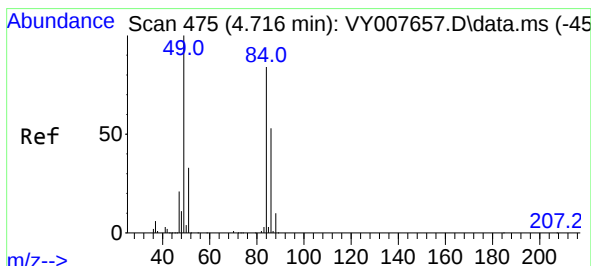
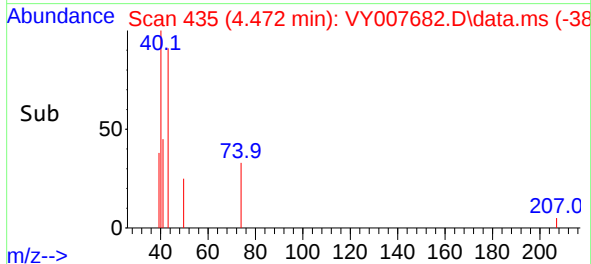
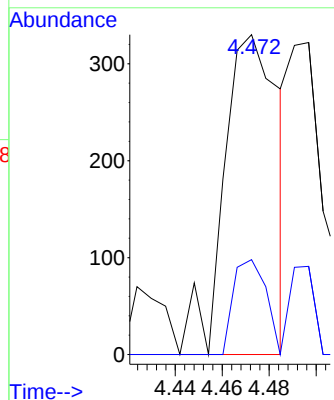
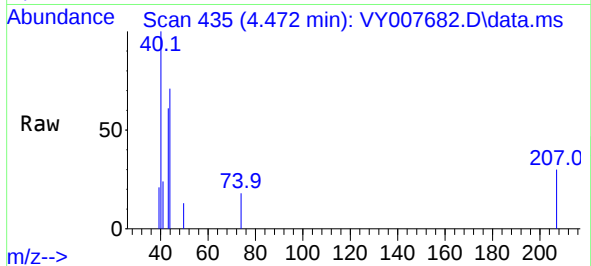




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

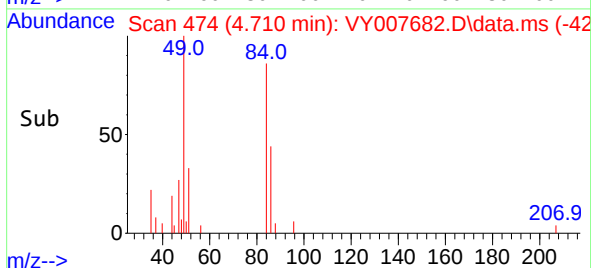
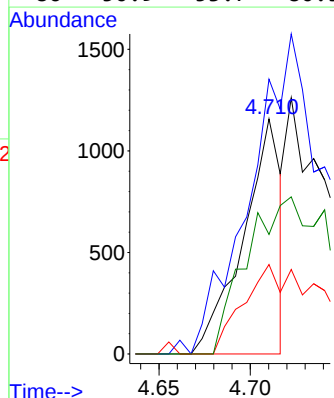
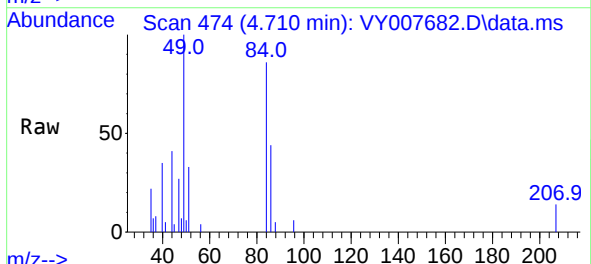
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

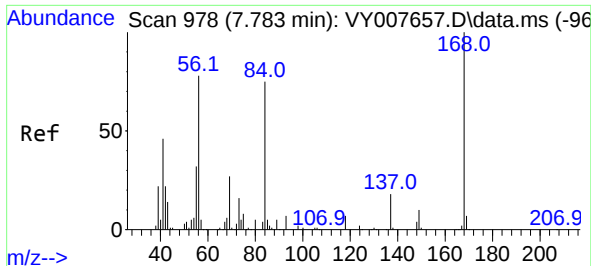
Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
74 17.6 16.6 24.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

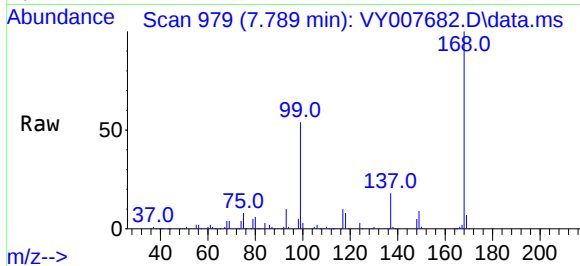
Tgt Ion: 84 Resp: 1666
Ion Ratio Lower Upper
84 100
49 111.0 114.4 171.6#
51 38.1 35.3 52.9
86 50.9 53.7 80.5#



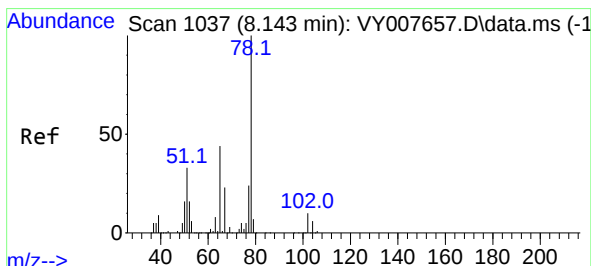
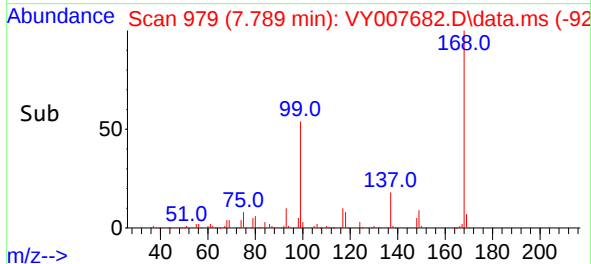
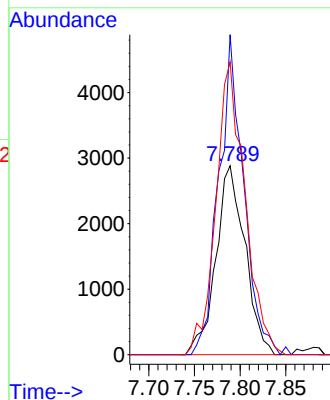


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

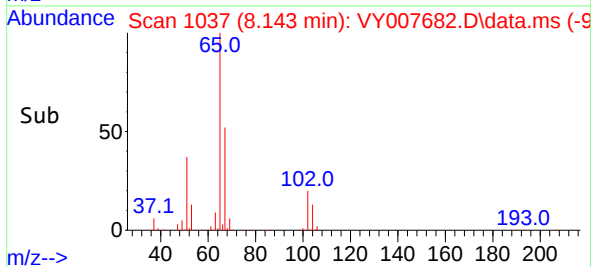
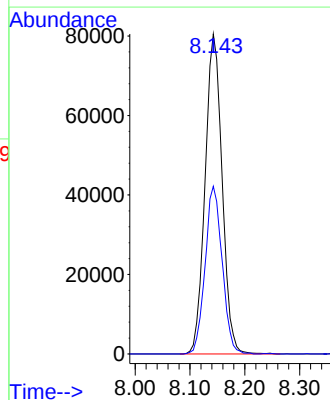
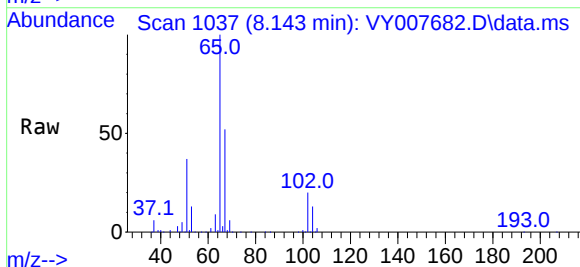


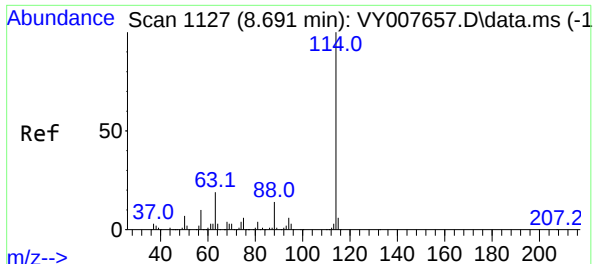
Tgt Ion: 56 Resp: 6379
Ion Ratio Lower Upper
56 100
69 169.4 26.7 40.1#
84 154.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 56.841 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

Tgt Ion: 65 Resp: 173469
Ion Ratio Lower Upper
65 100
67 52.3 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: VY007682.D

Acq: 02 Mar 2022 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0302SBL01

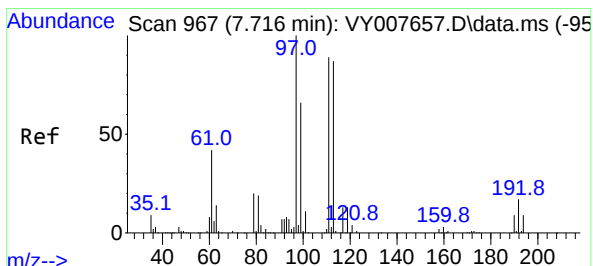
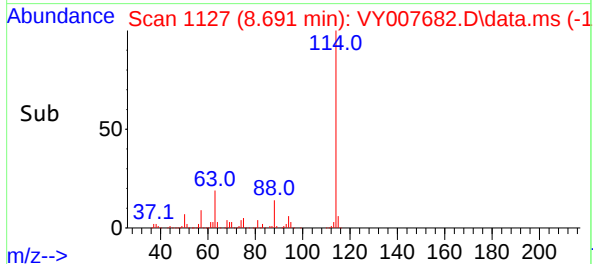
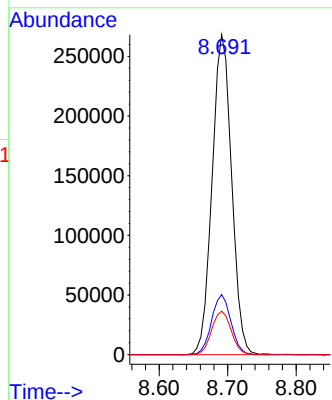
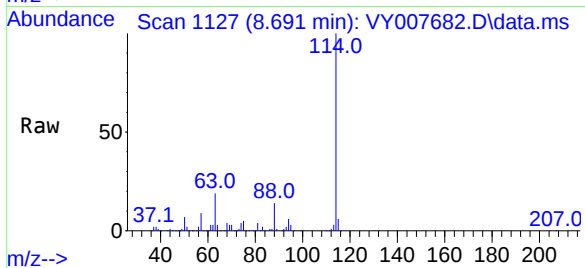
Tgt Ion:114 Resp: 530107

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.068 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007682.D

Acq: 02 Mar 2022 10:32

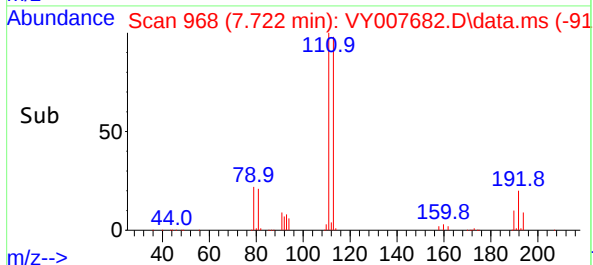
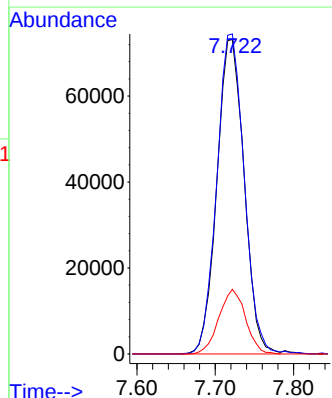
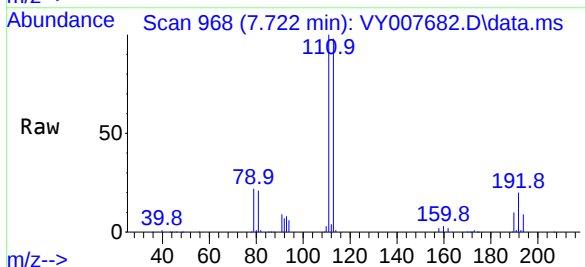
Tgt Ion:113 Resp: 176467

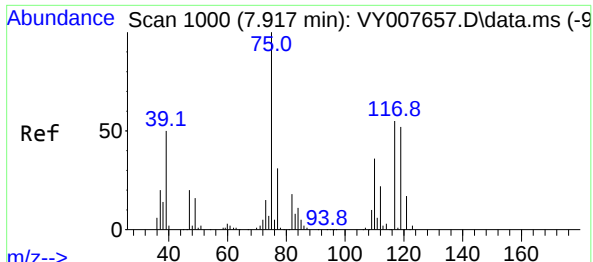
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 20.1 17.6 26.4

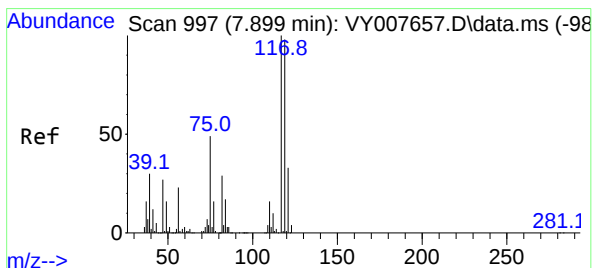
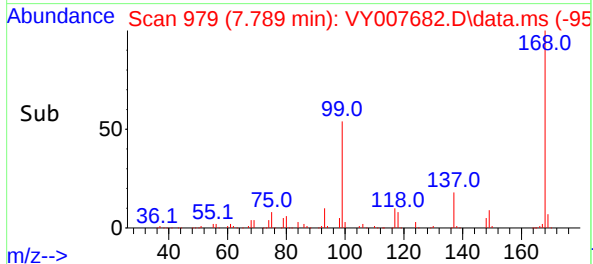
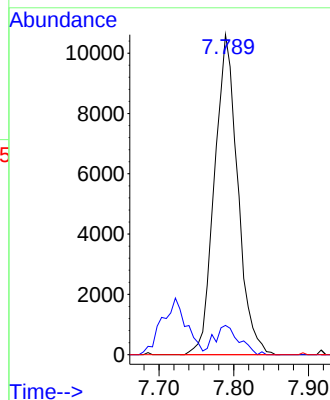
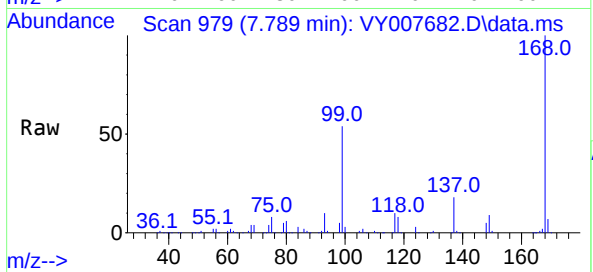




#36
1,1-Dichloropropene
Concen: 4.298 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

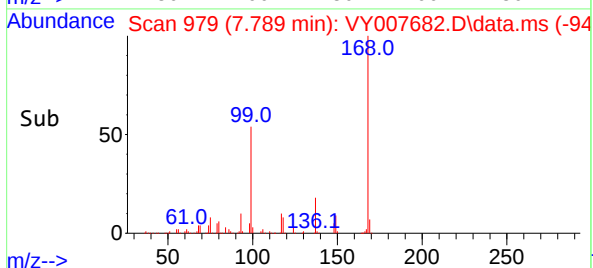
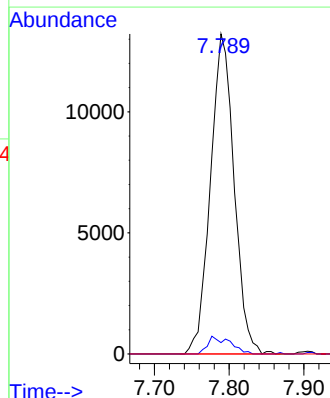
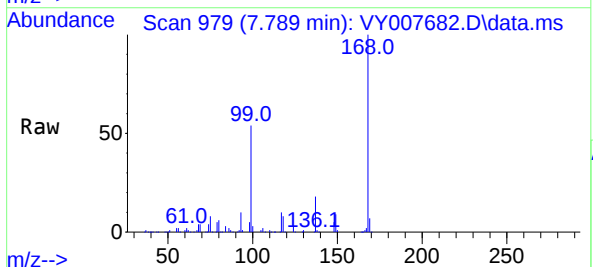
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

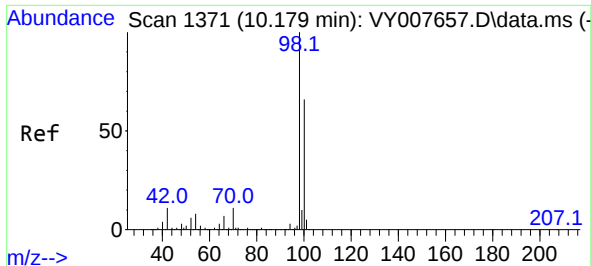
Tgt Ion: 75 Resp: 22915
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.119 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

Tgt Ion: 117 Resp: 29114
Ion Ratio Lower Upper
117 100
119 3.5 77.9 116.9#
121 0.0 24.8 37.2#

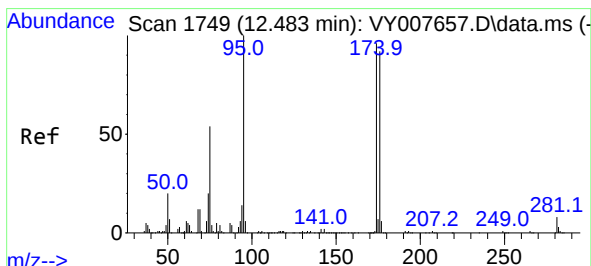
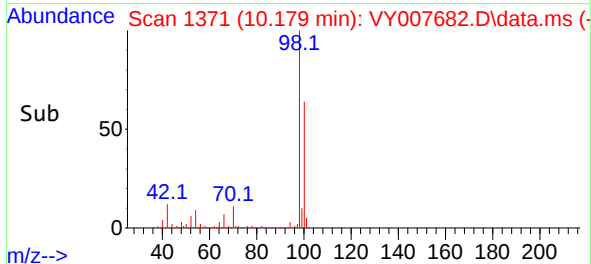
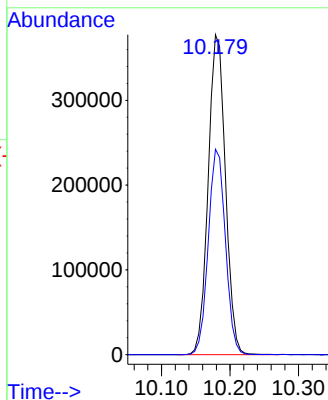
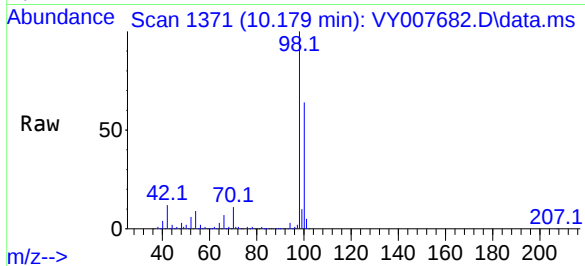




#50
Toluene-d8
Concen: 53.065 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

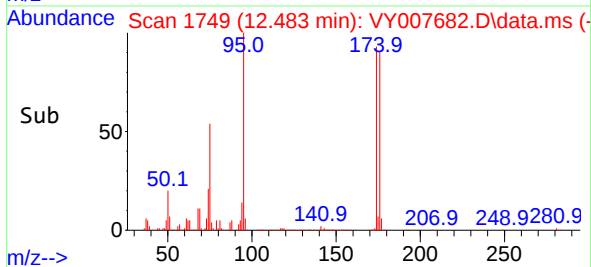
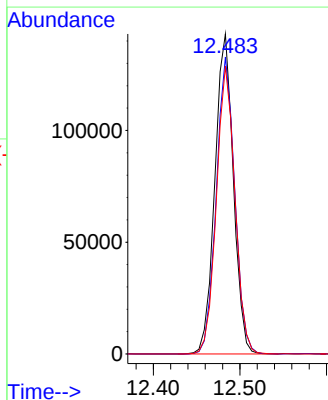
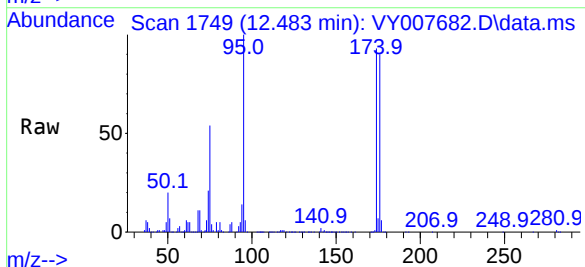
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

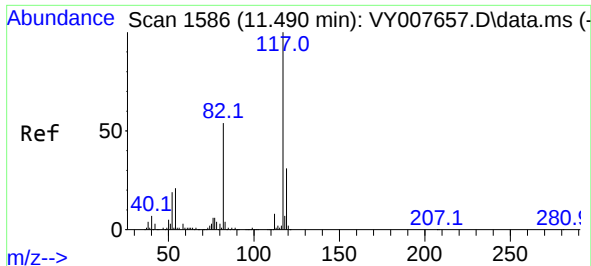
Tgt Ion: 98 Resp: 662023
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.741 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

Tgt Ion: 95 Resp: 212094
Ion Ratio Lower Upper
95 100
174 92.8 0.0 177.0
176 90.0 0.0 175.8

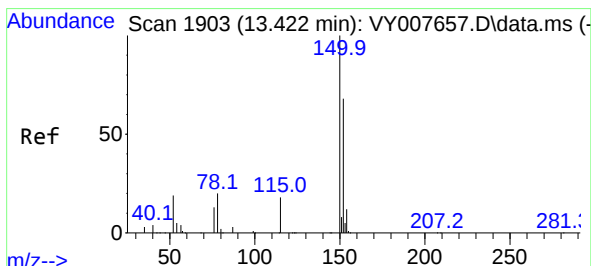
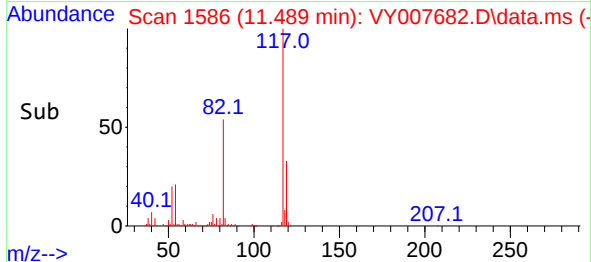
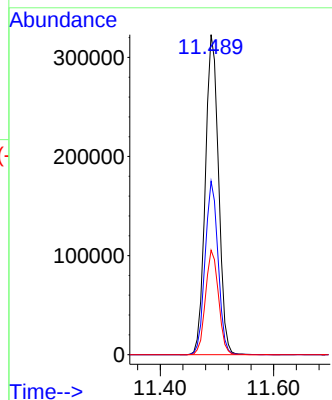
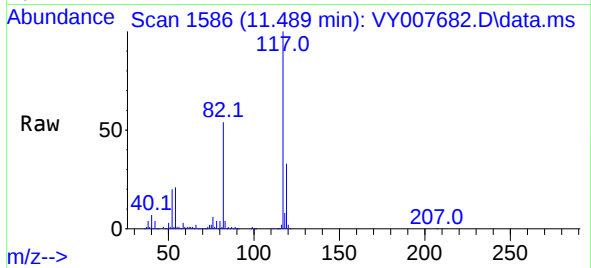




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

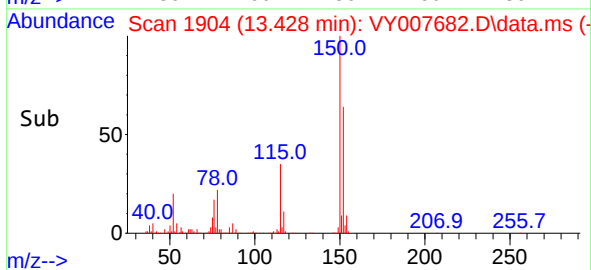
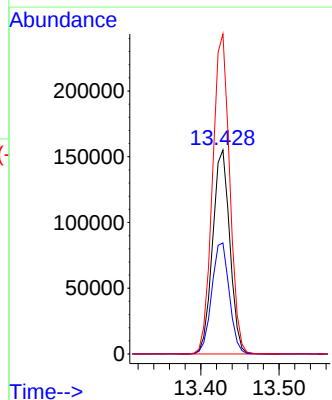
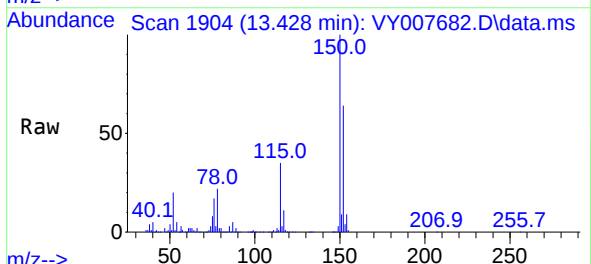
Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

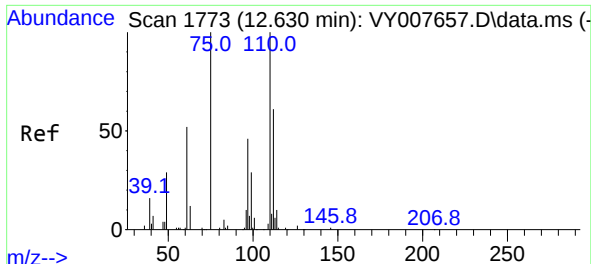
Tgt Ion:117 Resp: 522766
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

Tgt Ion:152 Resp: 236412
Ion Ratio Lower Upper
152 100
115 55.6 28.2 84.7
150 156.6 0.0 347.6

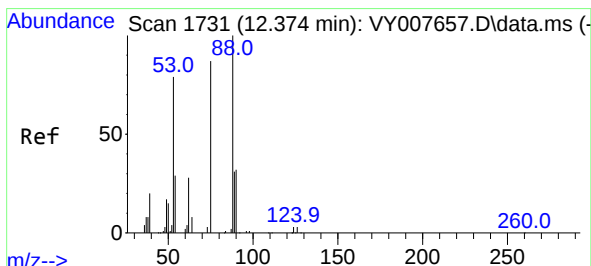
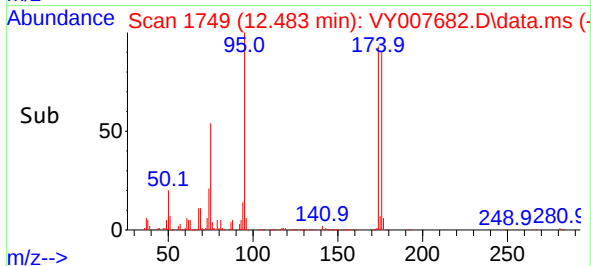
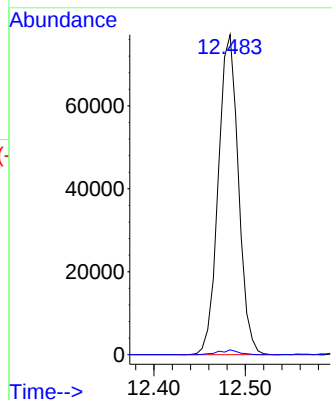
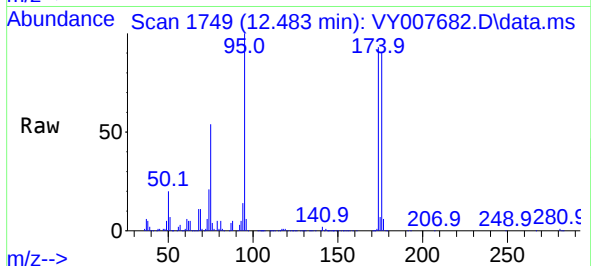




#76
1,2,3-Trichloropropane
Concen: 44.708 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0302SBL01

Tgt Ion: 75 Resp: 118036
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.399 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007682.D
Acq: 02 Mar 2022 10:32

Tgt Ion: 75 Resp: 118036
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#

