

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007374.D
 Acq On : 03 Feb 2022 13:22
 Operator : SY/MD
 Sample : N1381-10
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 08:40:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

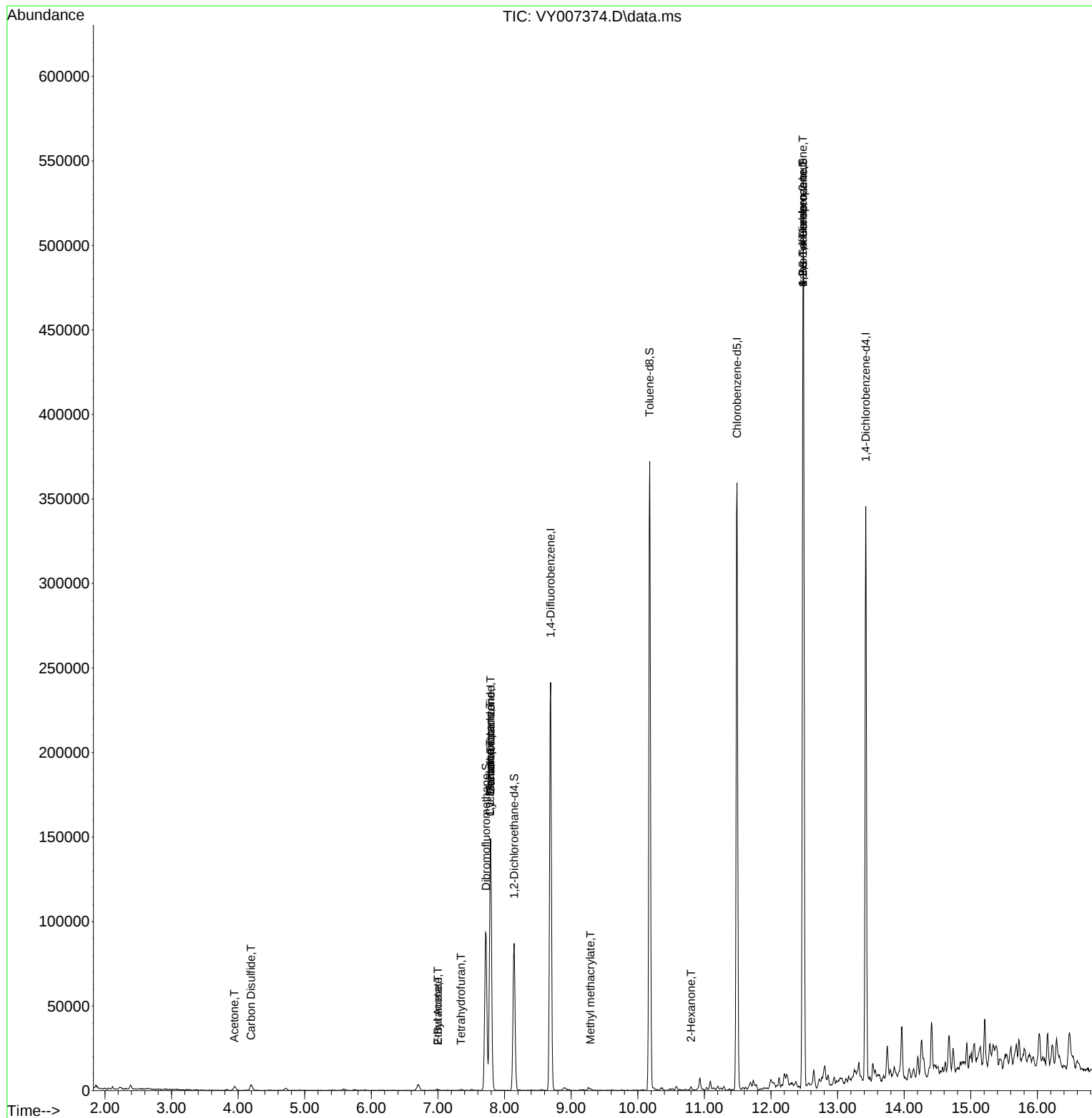
Internal Standards						
1) Pentafluorobenzene	7.789	168	108695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	189682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	79884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66196	52.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.900%	
35) Dibromofluoromethane	7.722	113	65881	50.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.760%	
50) Toluene-d8	10.179	98	243151	50.831	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	12.477	95	87296	53.692	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	1124	Below Cal	#	85
11) Tert butyl alcohol	4.948	59	55	Below Cal	#	77
16) Acetone	3.942	43	4341	10.691	ug/l	98
17) Carbon Disulfide	4.192	76	6106	1.537	ug/l	99
20) Methylene Chloride	4.716	84	958	Below Cal	#	68
25) 2-Butanone	6.997	43	1152	2.348	ug/l	100
29) Tetrahydrofuran	7.344	42	506	1.785	ug/l	# 46
31) Cyclohexane	7.783	56	2534	1.039	ug/l	# 15
36) 1,1-Dichloropropene	7.783	75	9145	4.040	ug/l	# 51
37) Ethyl Acetate	6.997	43	1152	1.024	ug/l	# 72
38) Carbon Tetrachloride	7.789	117	11760	4.945	ug/l	# 14
48) Methyl methacrylate	9.289	41	1008	1.059	ug/l	# 71
59) 2-Hexanone	10.801	43	1198	1.540	ug/l	# 28
76) 1,2,3-Trichloropropane	12.477	75	50076	52.730	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	50076	105.640	ug/l	# 9

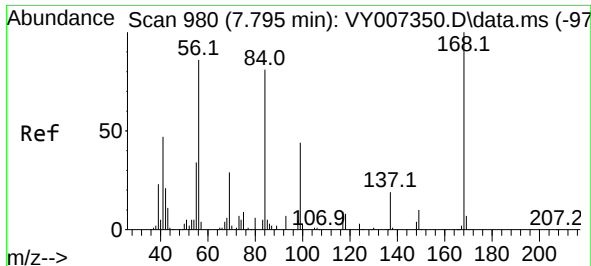
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
Data File : VY007374.D
Acq On : 03 Feb 2022 13:22
Operator : SY/MD
Sample : N1381-10
Misc : 6.20g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Feb 04 08:40:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

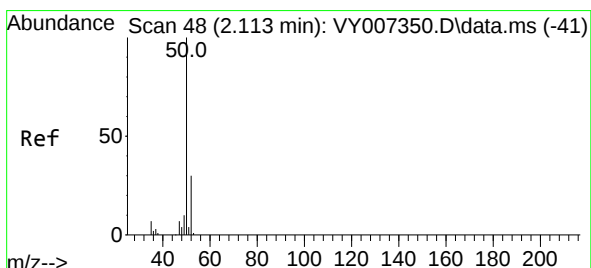
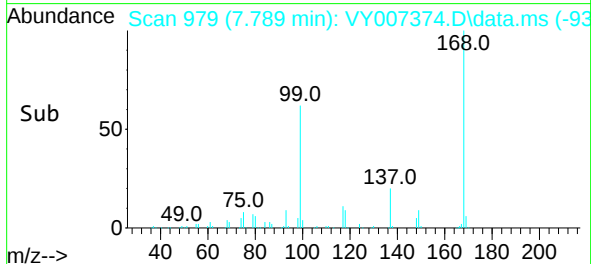
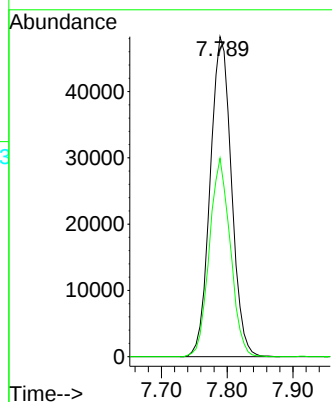
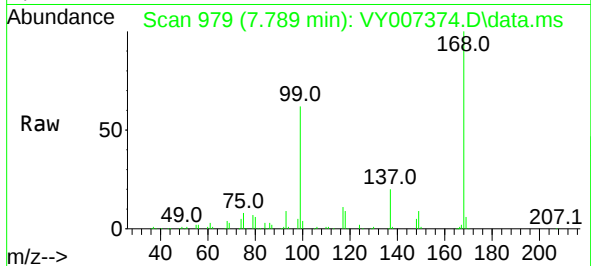




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

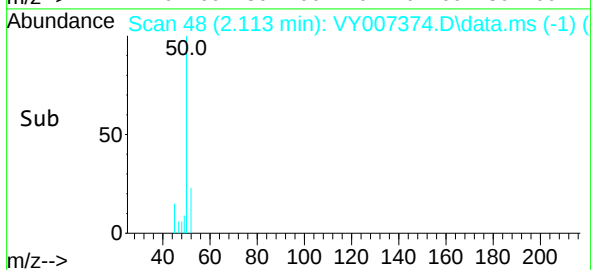
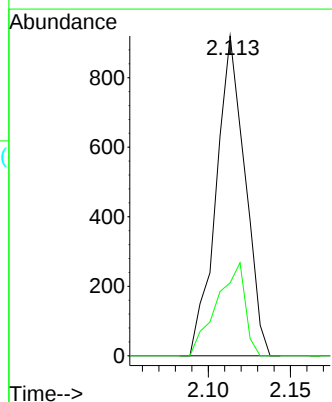
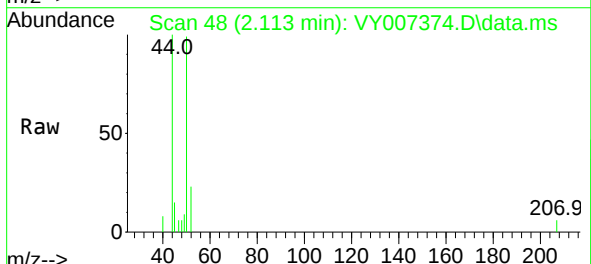
Instrument :
MSVOA_Y
ClientSampleId :

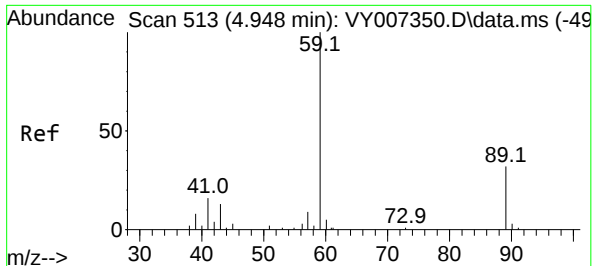
Tgt Ion:168 Resp: 108695
Ion Ratio Lower Upper
168 100
99 62.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

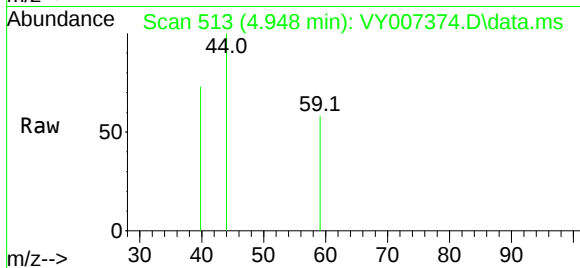
Tgt Ion: 50 Resp: 1124
Ion Ratio Lower Upper
50 100
52 22.8 24.6 37.0#



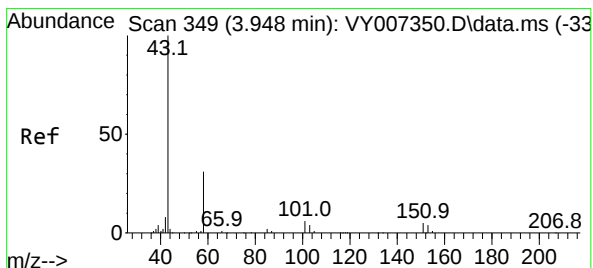
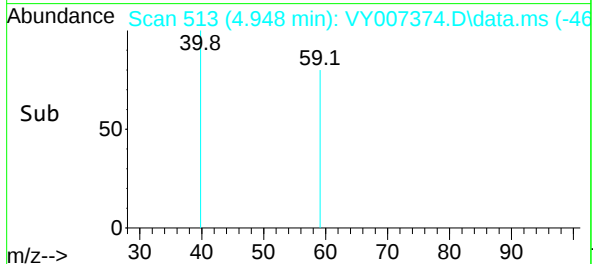
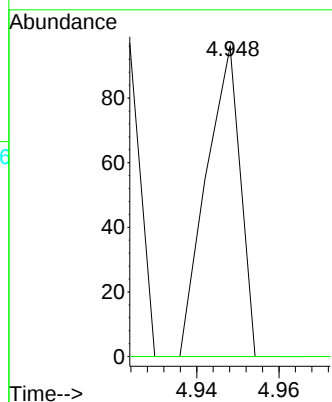


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

Instrument :
MSVOA_Y
ClientSampleId :

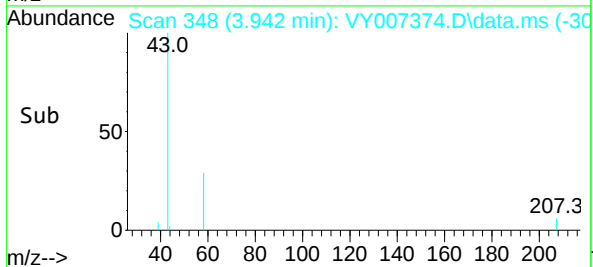
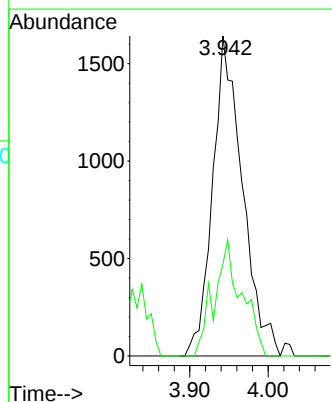
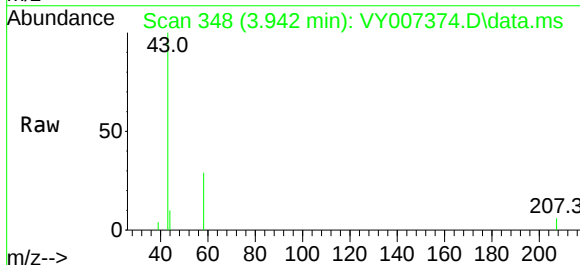


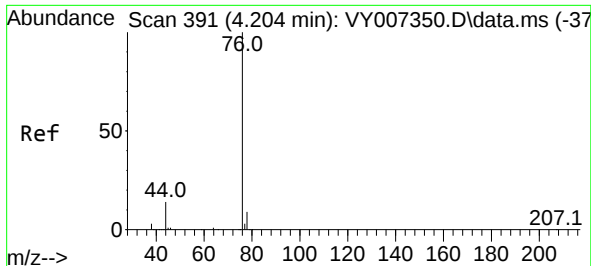
Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 10.691 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

Tgt Ion: 43 Resp: 4341
Ion Ratio Lower Upper
43 100
58 28.6 22.0 33.0

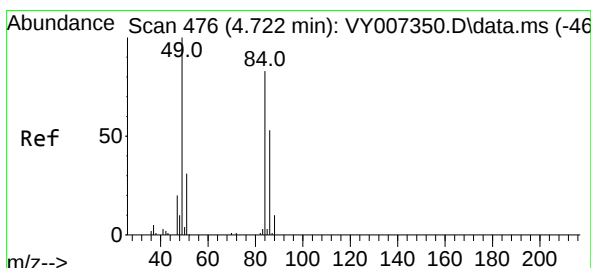
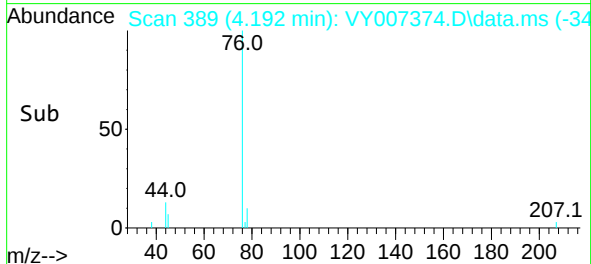
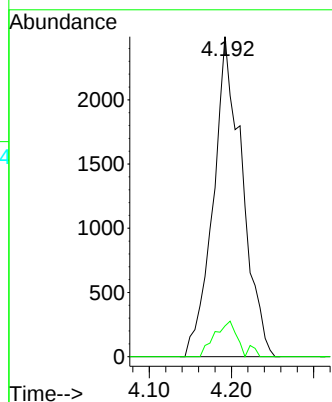
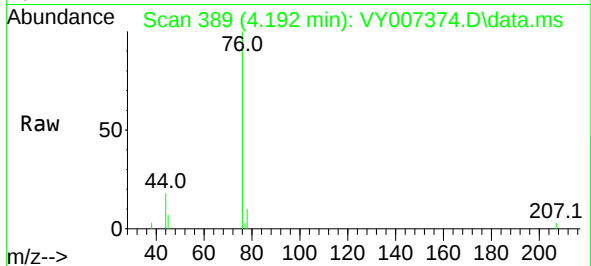




#17
Carbon Disulfide
Concen: 1.537 ug/l
RT: 4.192 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

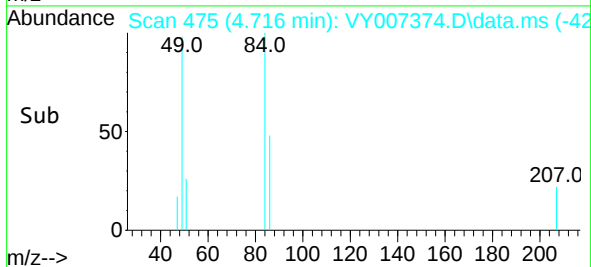
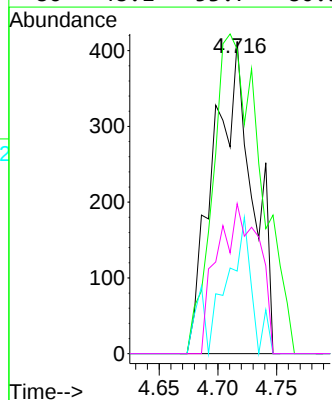
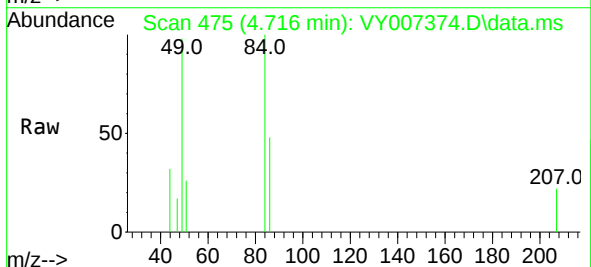
Instrument :
MSVOA_Y
ClientSampleId :

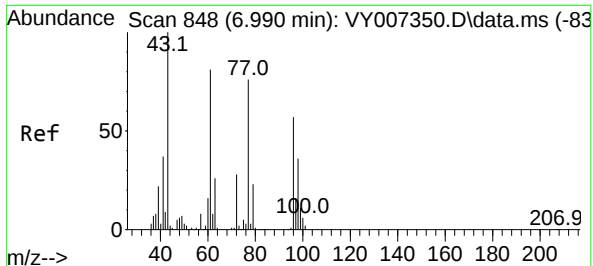
Tgt Ion: 76 Resp: 6106
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

Tgt Ion: 84 Resp: 958
Ion Ratio Lower Upper
84 100
49 97.6 114.4 171.6#
51 26.5 35.3 52.9#
86 48.1 53.7 80.5#





#25

2-Butanone

Concen: 2.348 ug/l

RT: 6.997 min Scan# 84

Delta R.T. 0.006 min

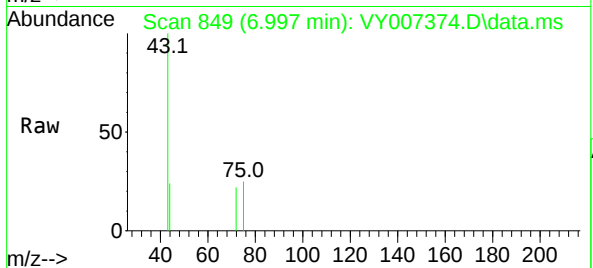
Lab File: VY007374.D

Acq: 03 Feb 2022 13:22

Instrument :

MSVOA_Y

ClientSampleId :

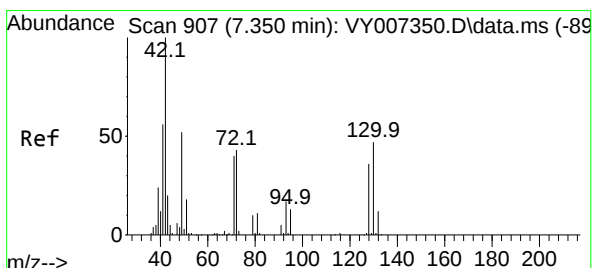
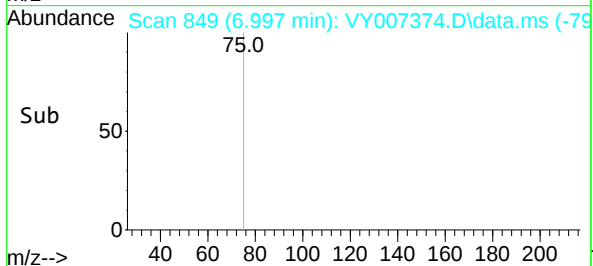
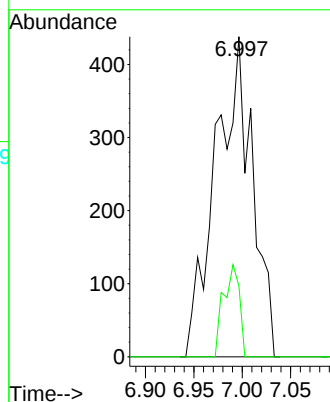


Tgt Ion: 43 Resp: 1152

Ion Ratio Lower Upper

43 100

72 22.1 17.7 26.5



#29

Tetrahydrofuran

Concen: 1.785 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY007374.D

Acq: 03 Feb 2022 13:22

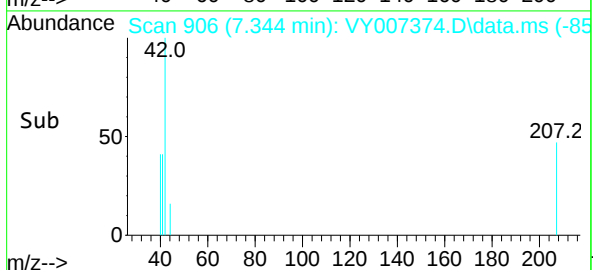
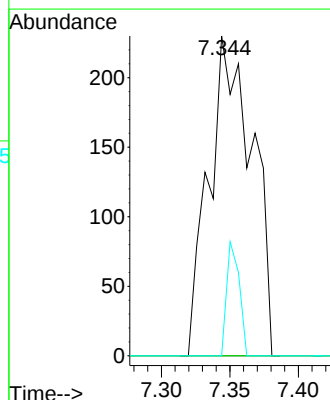
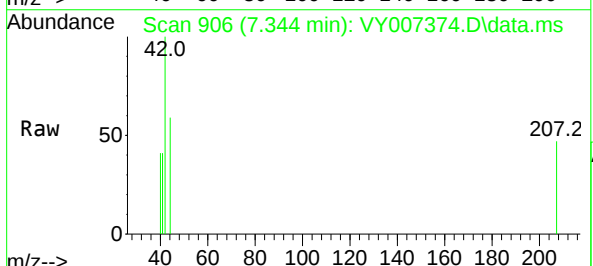
Tgt Ion: 42 Resp: 506

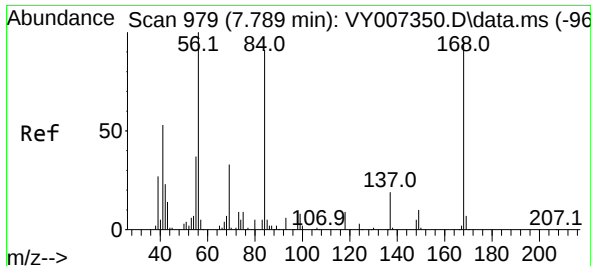
Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

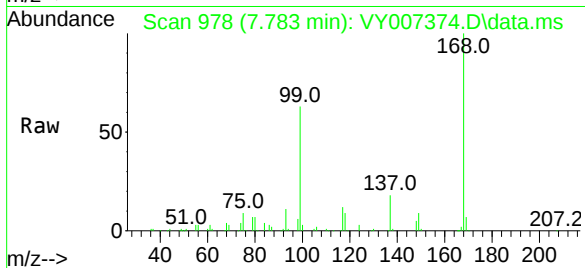
71 10.3 29.0 43.4#



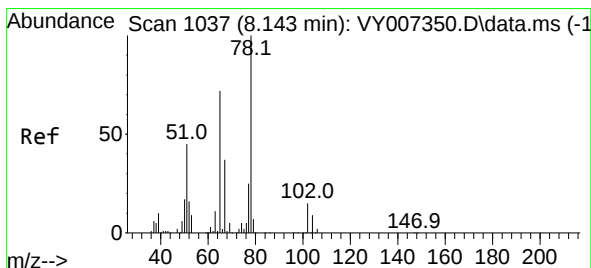
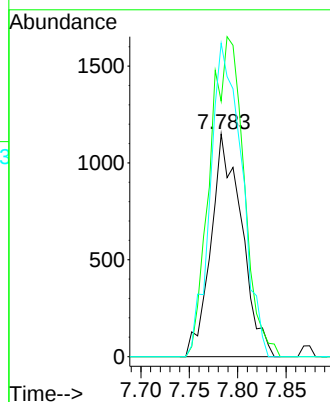
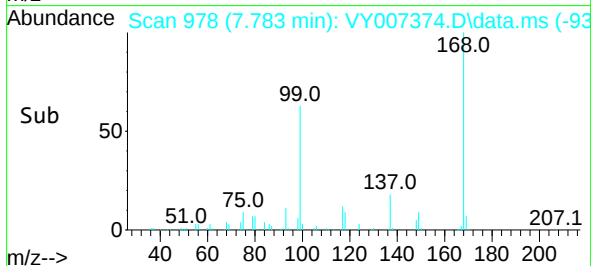


#31
Cyclohexane
Concen: 1.039 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

Instrument :
MSVOA_Y
ClientSampleId :

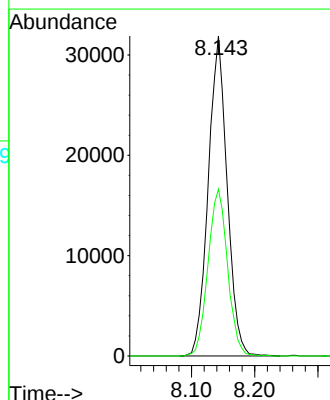
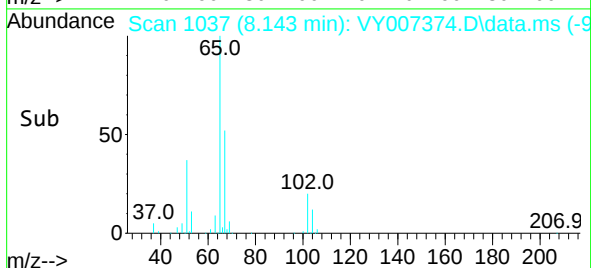
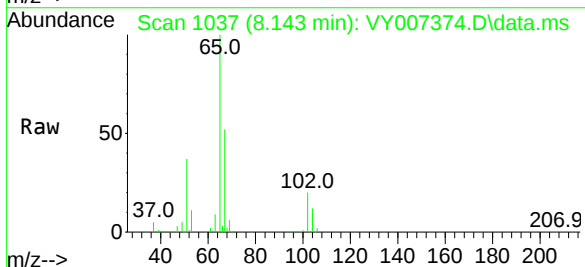


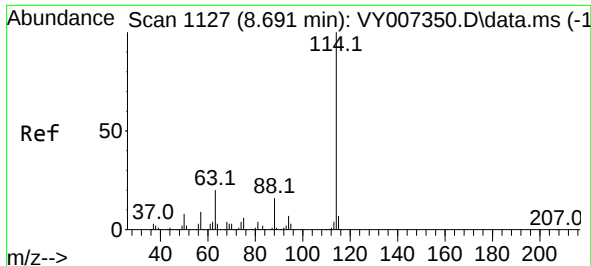
Tgt Ion: 56 Resp: 2534
Ion Ratio Lower Upper
56 100
69 114.7 26.7 40.1#
84 140.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 52.946 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

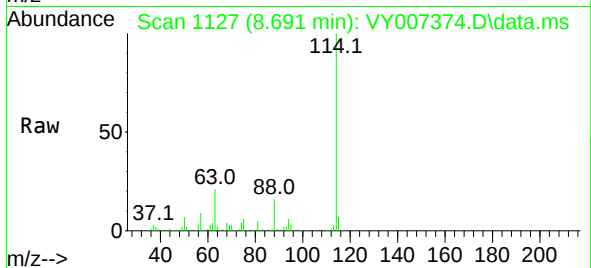
Tgt Ion: 65 Resp: 66196
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4



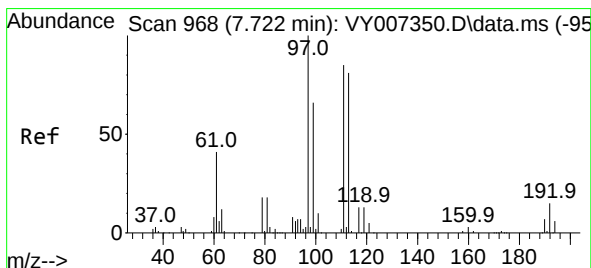
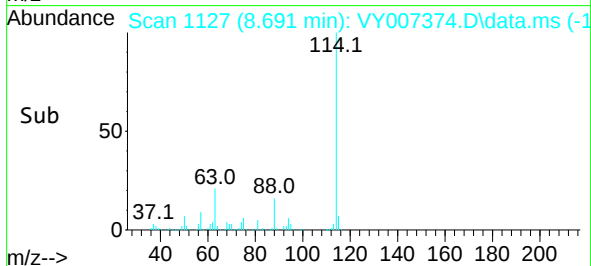
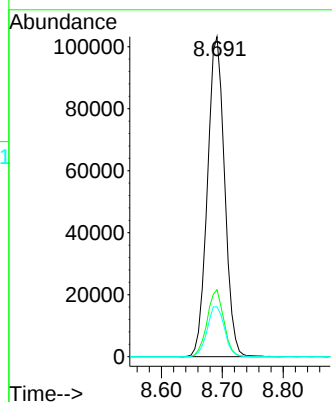


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

Instrument :
MSVOA_Y
ClientSampleId :

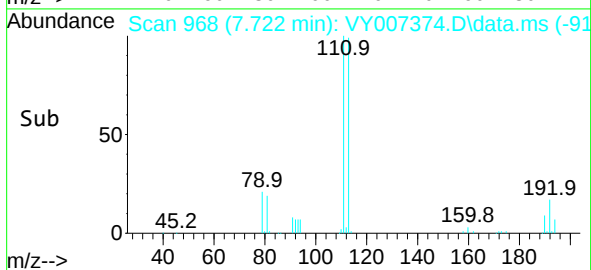
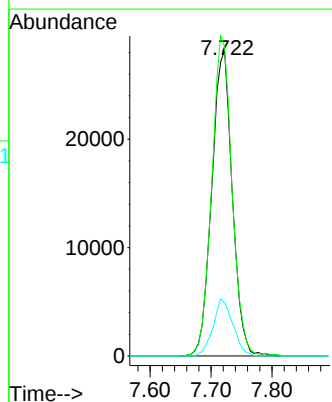
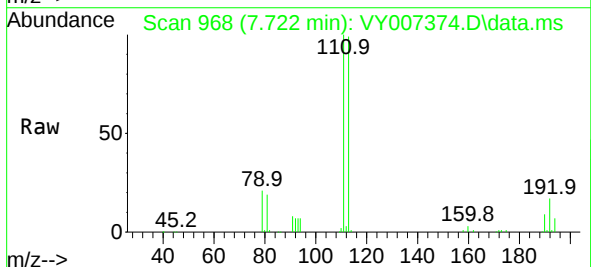


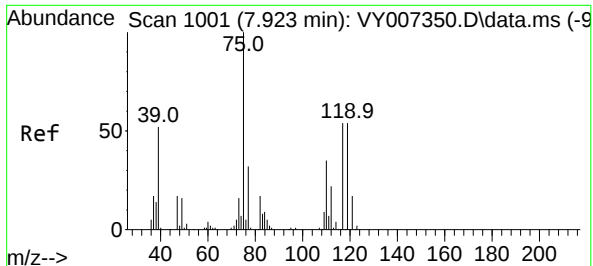
Tgt Ion:114 Resp: 201635
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.882 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

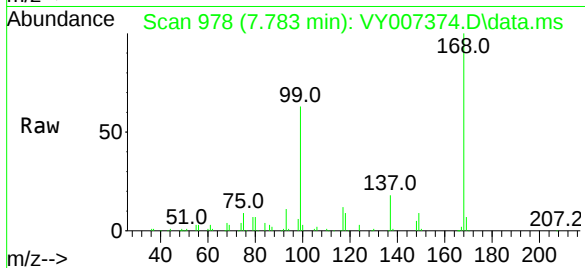
Tgt Ion:113 Resp: 65881
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.0 17.6 26.4



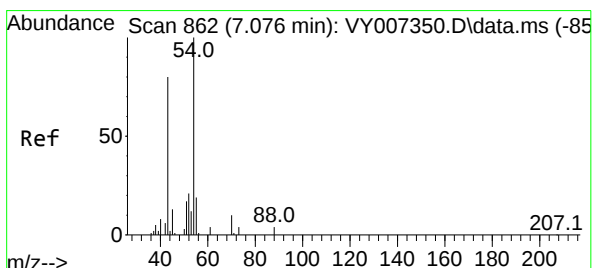
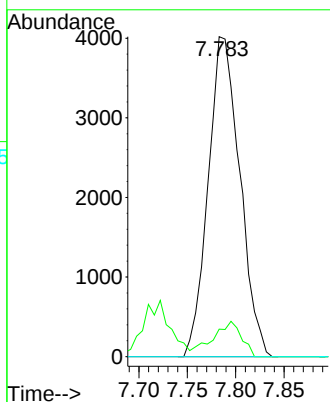
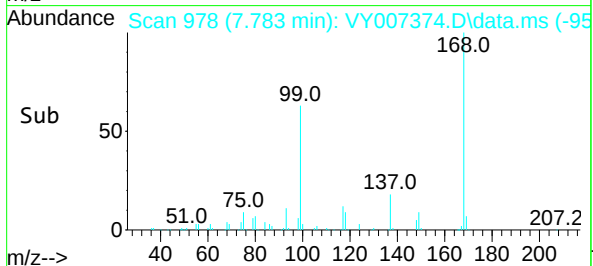


#36
1,1-Dichloropropene
Concen: 4.040 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

Instrument :
MSVOA_Y
ClientSampleId :

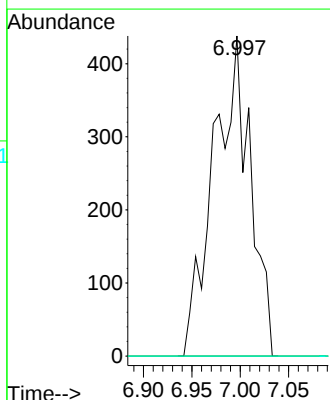
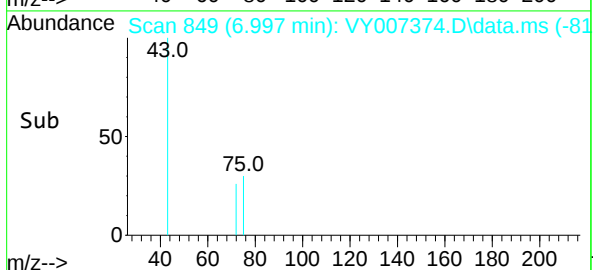
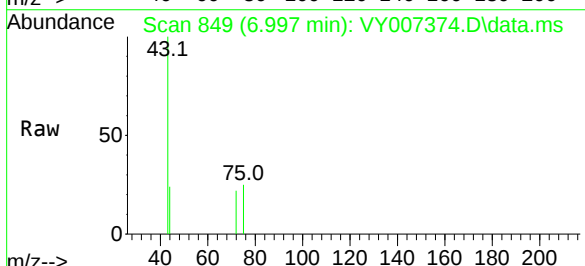


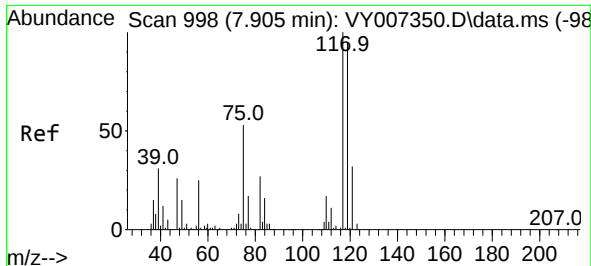
Tgt Ion: 75 Resp: 9145
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.024 ug/l
RT: 6.997 min Scan# 849
Delta R.T. -0.079 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

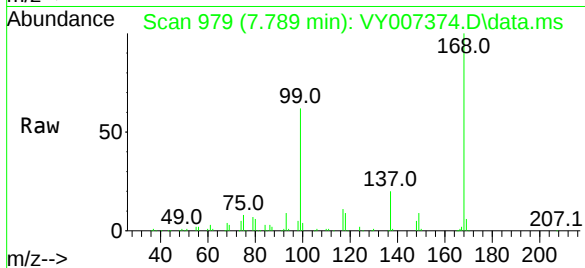
Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



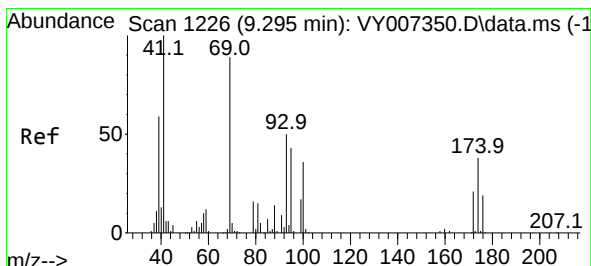
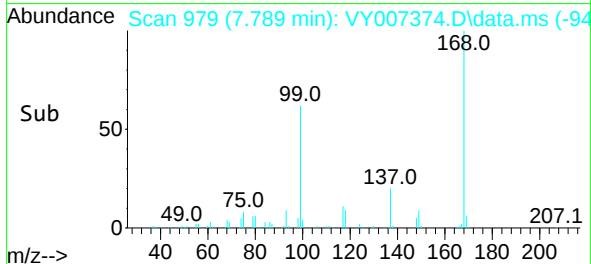
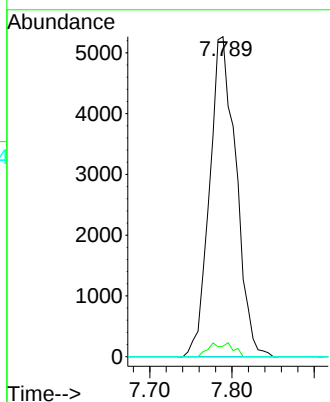


#38
Carbon Tetrachloride
Concen: 4.945 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

Instrument :
MSVOA_Y
ClientSampleId :

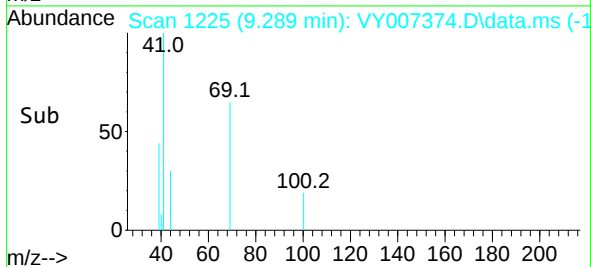
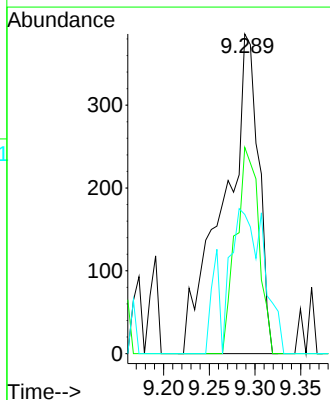
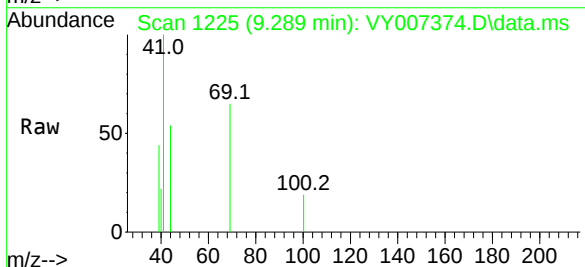


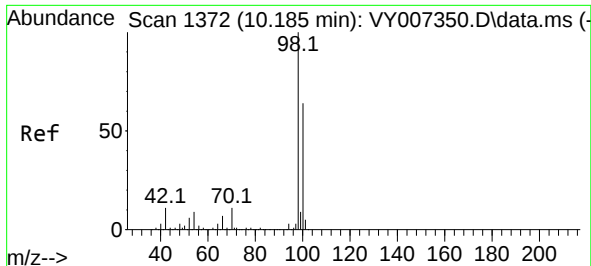
Tgt Ion:117 Resp: 11760
Ion Ratio Lower Upper
117 100
119 3.3 77.9 116.9#
121 0.0 24.8 37.2#



#48
Methyl methacrylate
Concen: 1.059 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

Tgt Ion: 41 Resp: 1008
Ion Ratio Lower Upper
41 100
69 43.1 58.2 87.2#
39 43.6 47.4 71.0#

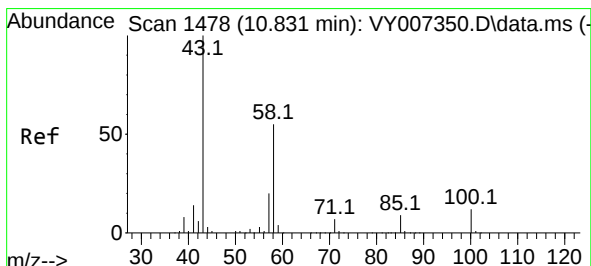
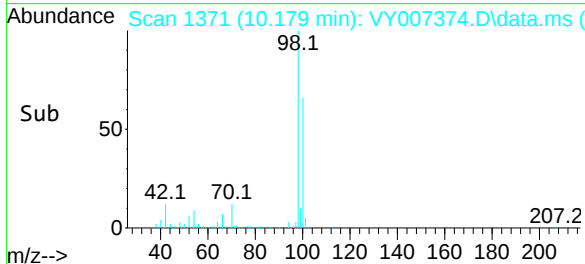
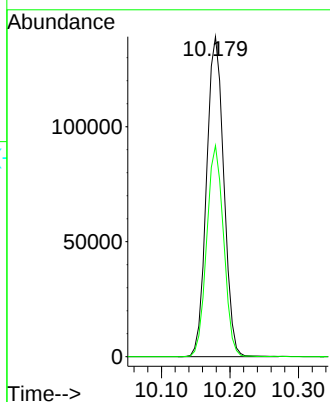
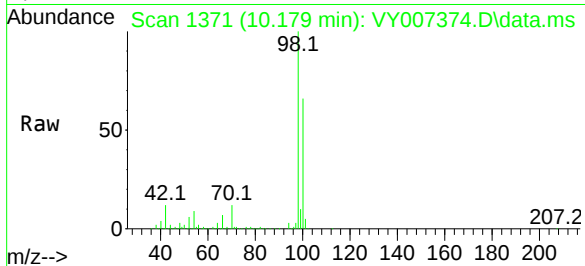




#50
Toluene-d8
Concen: 50.831 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

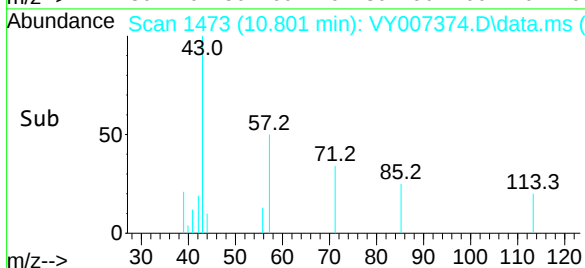
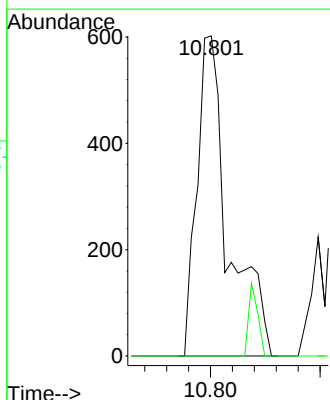
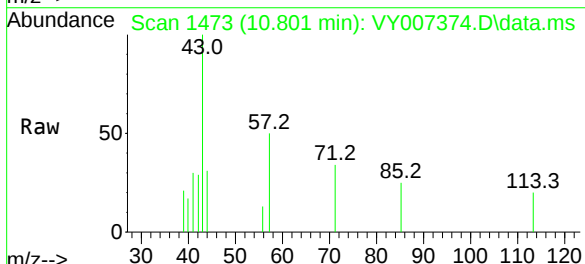
Instrument :
MSVOA_Y
ClientSampleId :

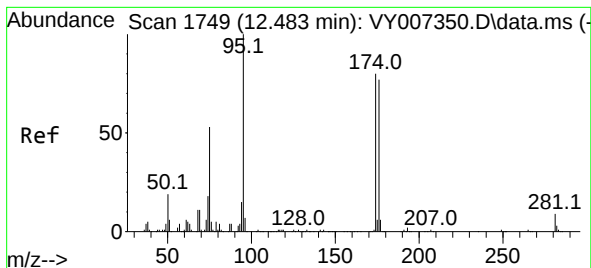
Tgt Ion: 98 Resp: 243151
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#59
2-Hexanone
Concen: 1.540 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

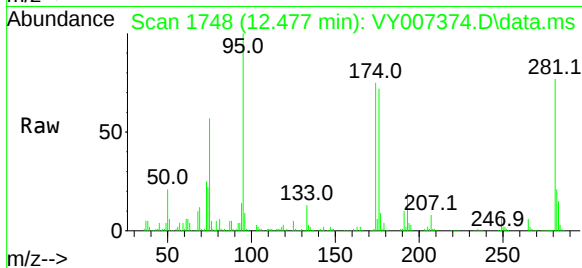
Tgt Ion: 43 Resp: 1198
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



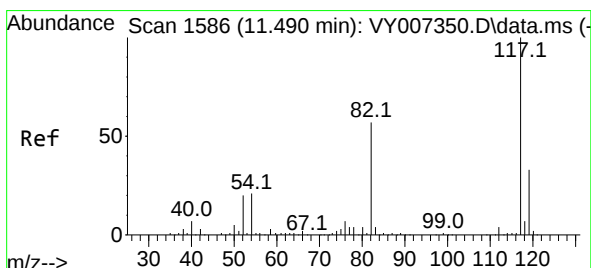
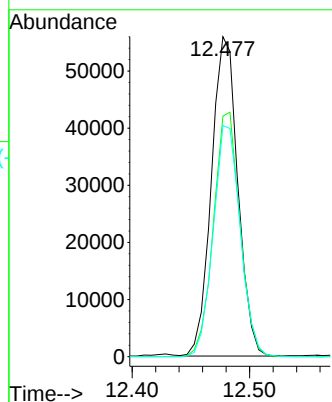
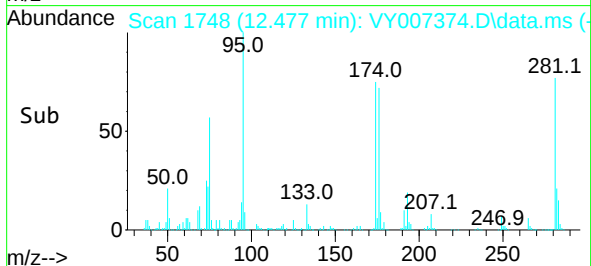


#62
4-Bromofluorobenzene
Concen: 53.692 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

Instrument :
MSVOA_Y
ClientSampleId :

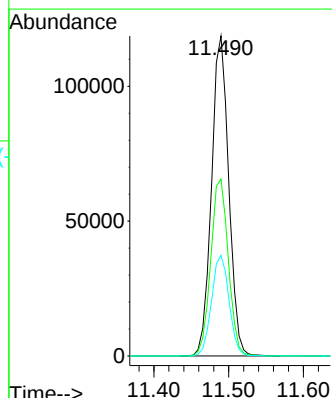
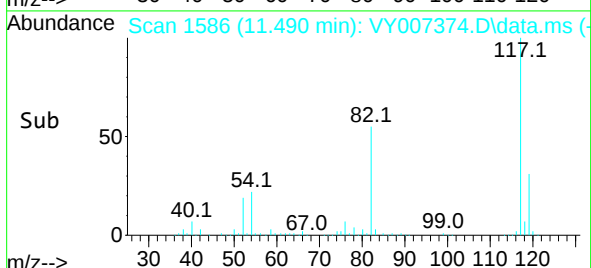
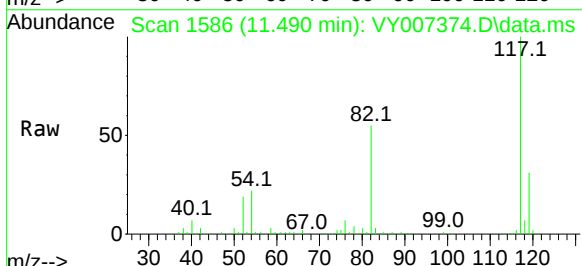


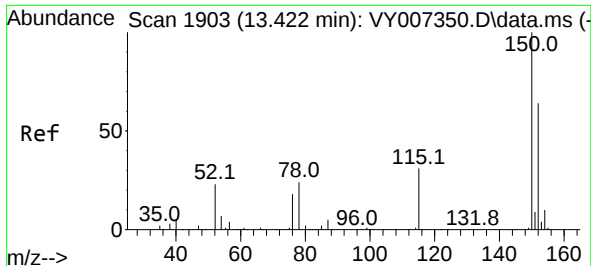
Tgt Ion: 95 Resp: 87296
Ion Ratio Lower Upper
95 100
174 77.0 0.0 177.0
176 74.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007374.D
Acq: 03 Feb 2022 13:22

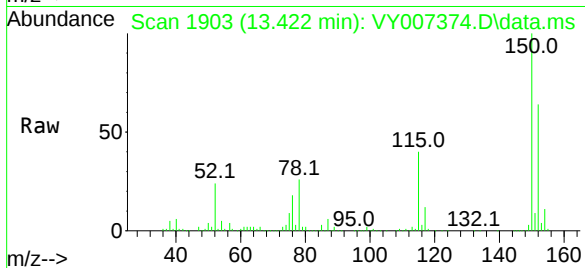
Tgt Ion: 117 Resp: 189682
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 31.5 25.4 38.0



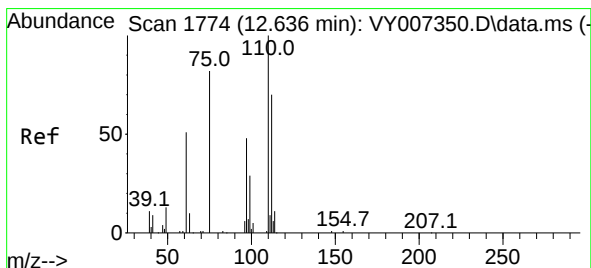
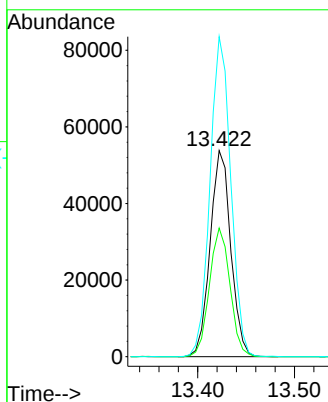
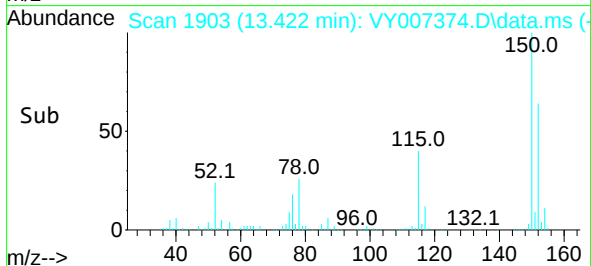


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007374.D
 Acq: 03 Feb 2022 13:22

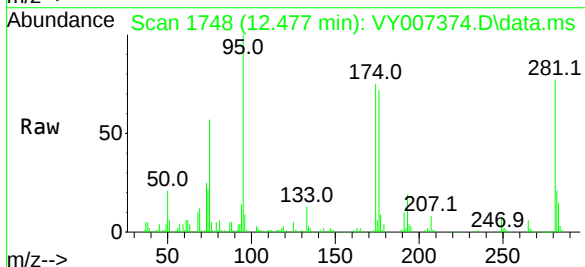
Instrument :
 MSVOA_Y
 ClientSampleId :



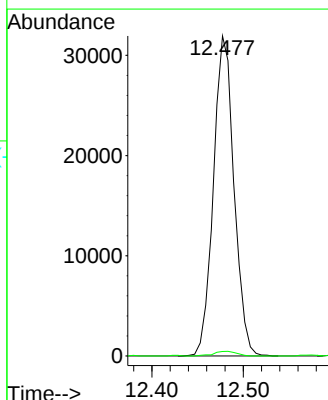
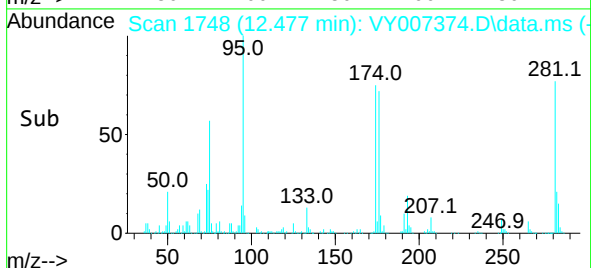
Tgt Ion:152 Resp: 79884
 Ion Ratio Lower Upper
 152 100
 115 62.2 28.2 84.7
 150 156.2 0.0 347.6

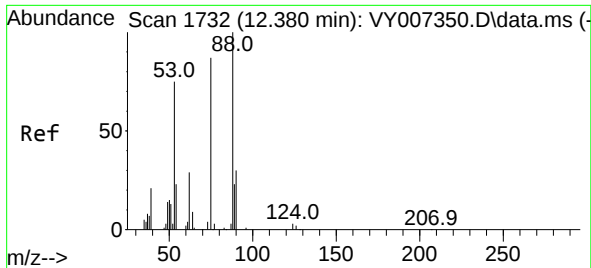


#76
 1,2,3-Trichloropropane
 Concen: 52.730 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY007374.D
 Acq: 03 Feb 2022 13:22



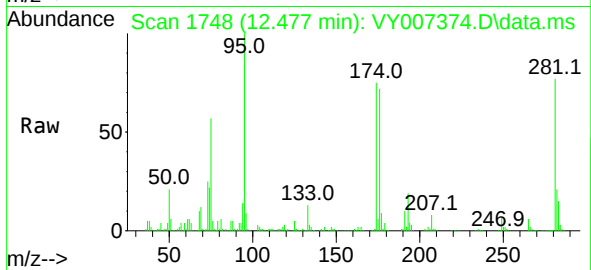
Tgt Ion: 75 Resp: 50076
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.640 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY007374.D
 Acq: 03 Feb 2022 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 50076
 Ion Ratio Lower Upper
 75 100
 53 0.4 85.3 127.9#
 89 2.4 37.0 55.4#

