

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007781.D
 Acq On : 08 Mar 2022 15:41
 Operator : SY/MD
 Sample : N1832-01
 Misc : 6.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:27:19 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)

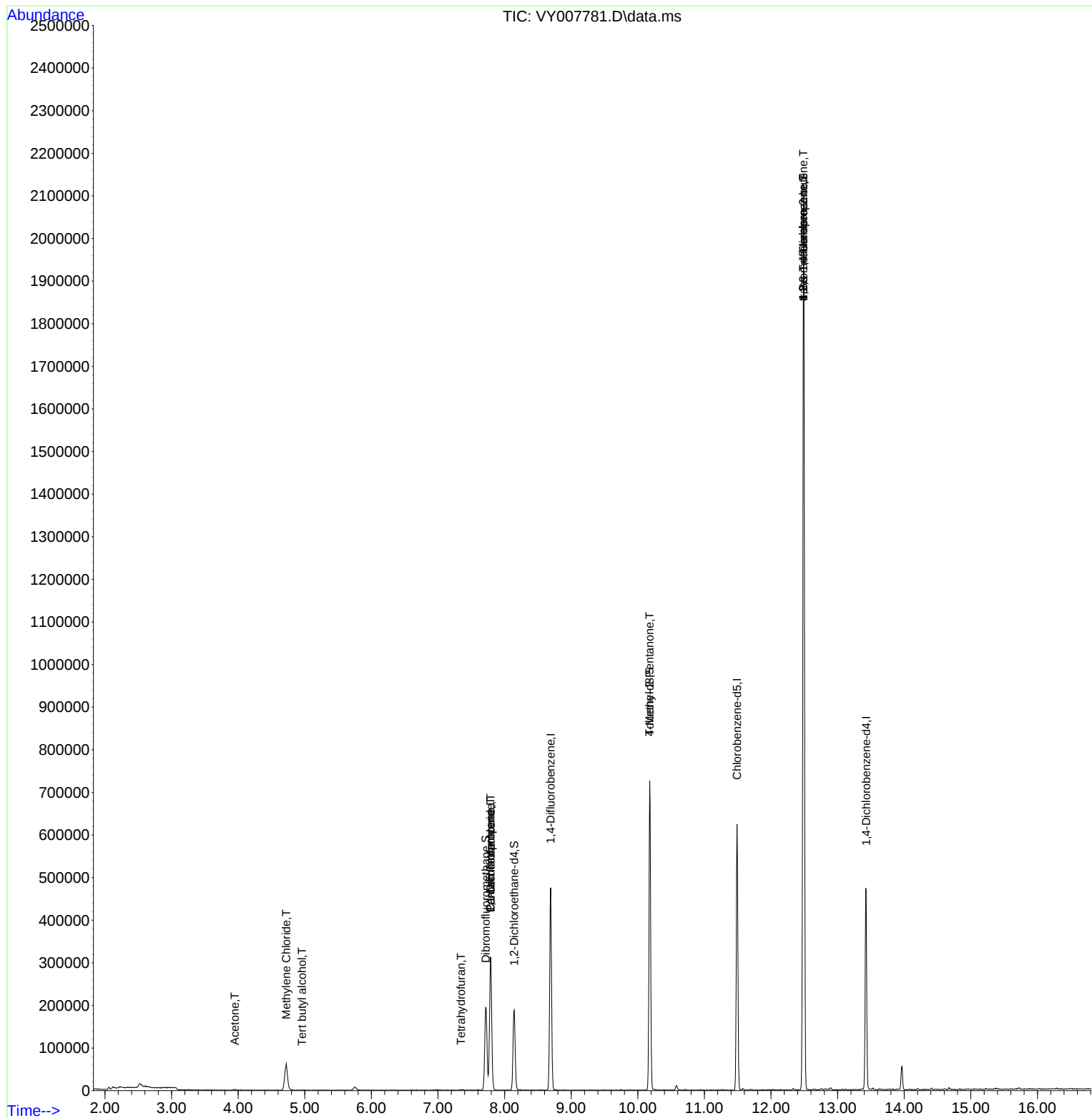
Internal Standards						
1) Pentafluorobenzene	7.789	168	245445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	401287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	335351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	142026	55.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.540%	
35) Dibromofluoromethane	7.716	113	133845	52.170	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.340%	
50) Toluene-d8	10.179	98	466181	49.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.720%	
62) 4-Bromofluorobenzene	12.483	95	130482	42.863	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	39	Below Cal	#	43
3) Chloromethane	2.107	50	2717	Below Cal		92
11) Tert butyl alcohol	4.960	59	284	1.277	ug/l	96
13) Acrolein	3.777	56	20	Below Cal	#	14
16) Acetone	3.948	43	2646	5.062	ug/l	# 85
17) Carbon Disulfide	4.204	76	76	Below Cal	#	75
18) Methyl Acetate	4.479	43	59	Below Cal	#	56
20) Methylene Chloride	4.722	84	44068	14.471	ug/l	# 79
29) Tetrahydrofuran	7.344	42	1157	1.928	ug/l	# 83
31) Cyclohexane	7.795	56	5420	Below Cal	#	2
36) 1,1-Dichloropropene	7.789	75	18351	4.547	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	22424	5.209	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.179	43	2258	1.024	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	86198	63.837	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	86198	130.507	ug/l	# 9

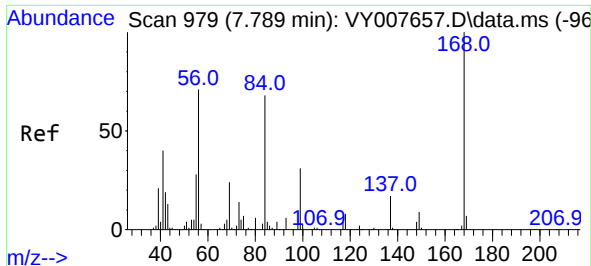
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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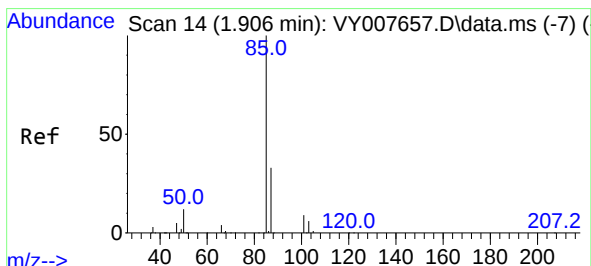
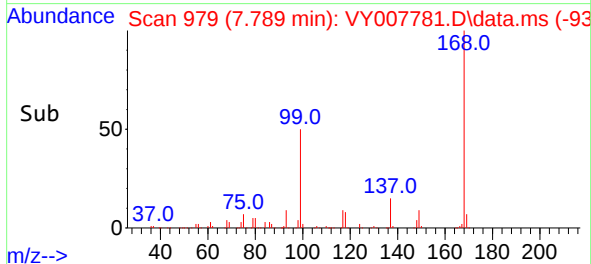
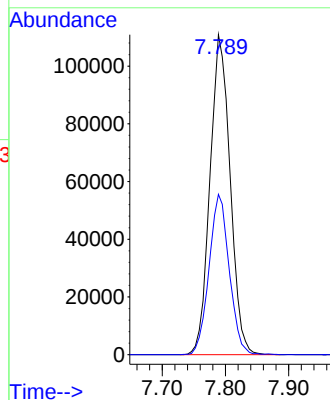
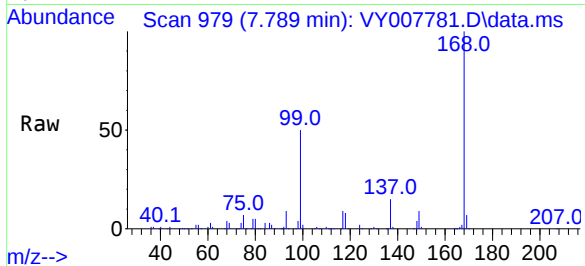




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

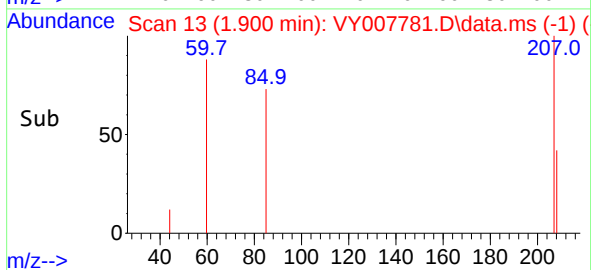
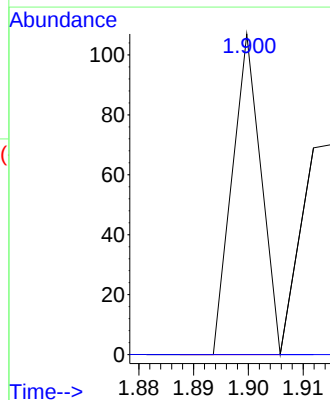
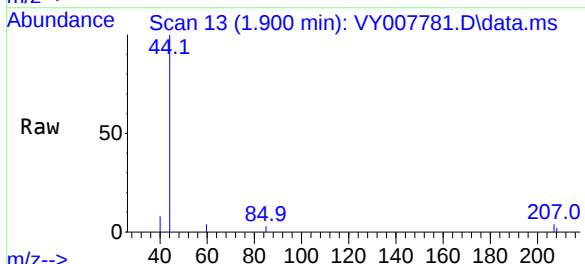
Instrument :
MSVOA_Y
ClientSampleId :

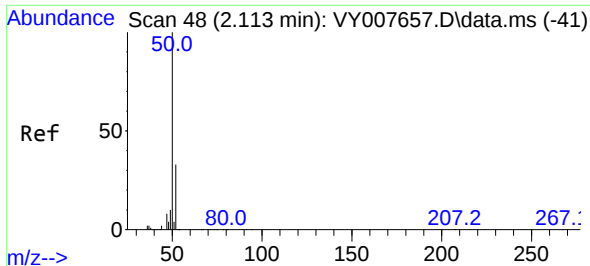
Tgt Ion:168 Resp: 245445
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 85 Resp: 39
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

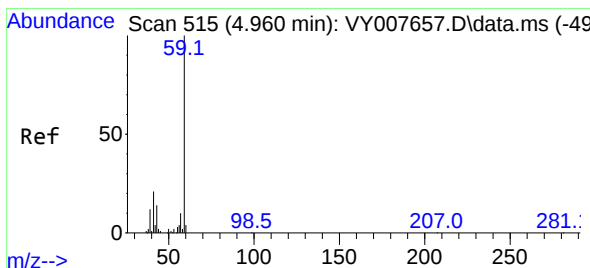
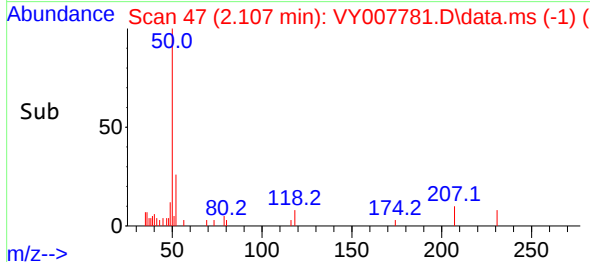
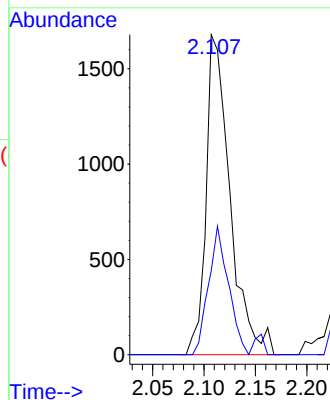
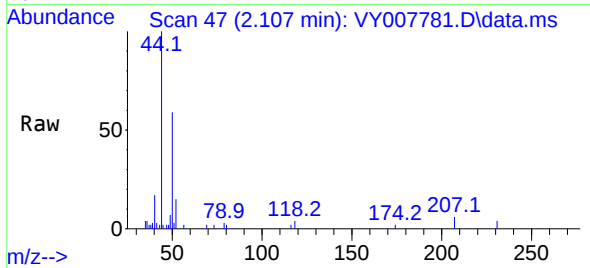




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

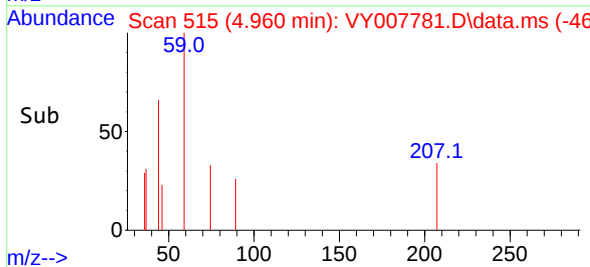
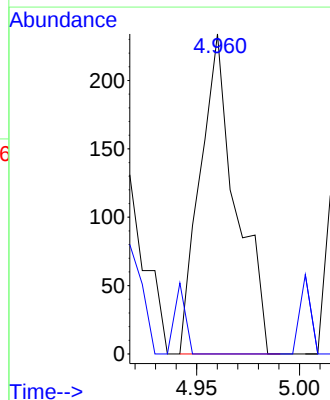
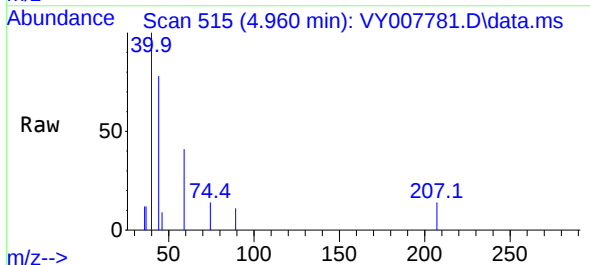
Instrument :
MSVOA_Y
ClientSampleId :

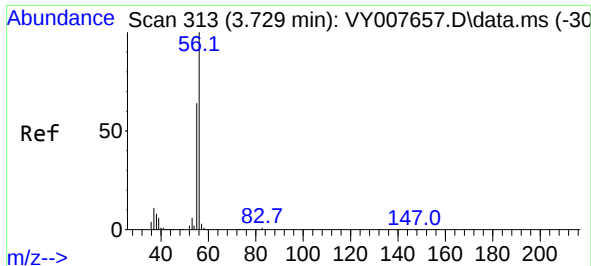
Tgt Ion: 50 Resp: 2717
Ion Ratio Lower Upper
50 100
52 26.2 24.6 37.0



#11
Tert butyl alcohol
Concen: 1.277 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 59 Resp: 284
Ion Ratio Lower Upper
59 100
57 6.7 6.4 9.6

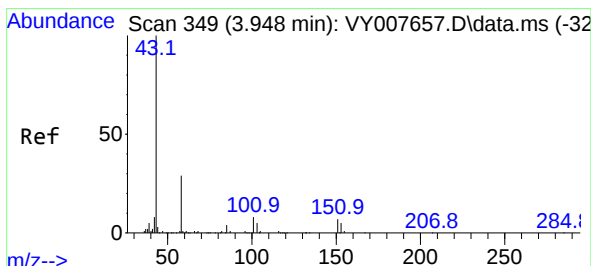
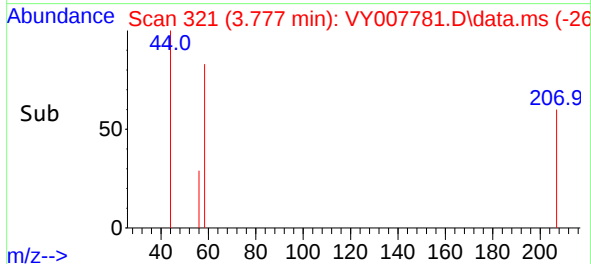
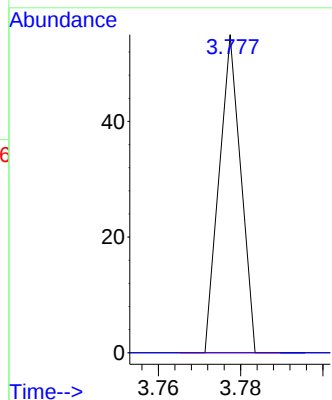
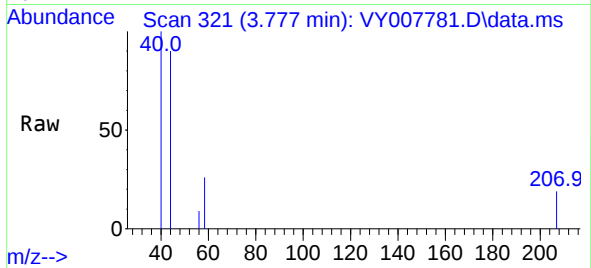




#13
Acrolein
Concen: Below Cal
RT: 3.777 min Scan# 313
Delta R.T. 0.048 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

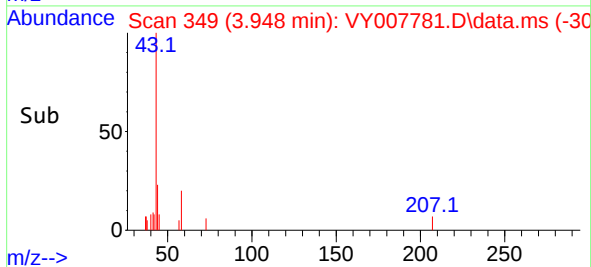
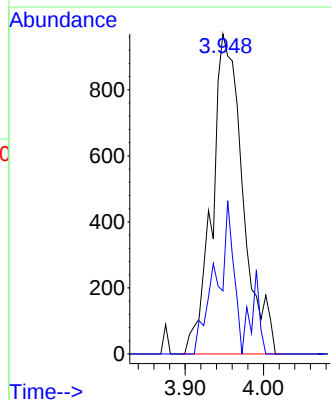
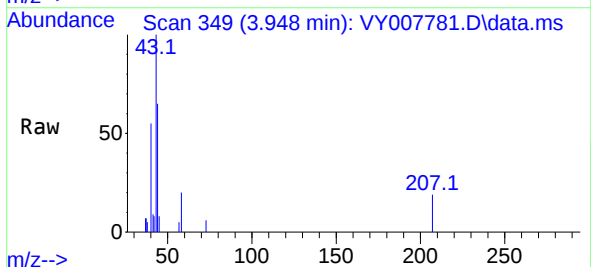
Instrument :
MSVOA_Y
ClientSampleId :

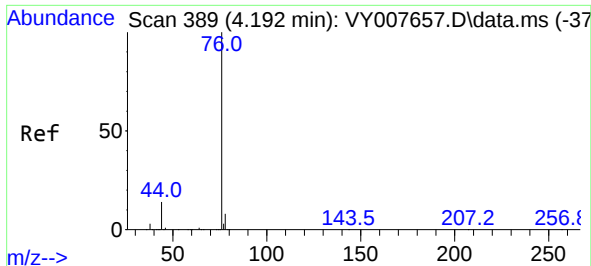
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 5.062 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 43 Resp: 2646
Ion Ratio Lower Upper
43 100
58 19.7 22.0 33.0#





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.204 min Scan# 391

Delta R.T. 0.012 min

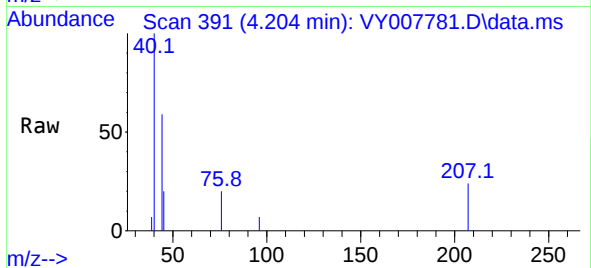
Lab File: VY007781.D

Acq: 08 Mar 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

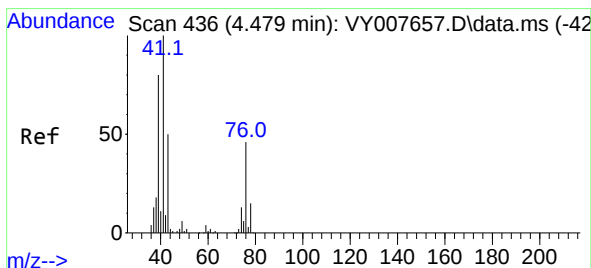
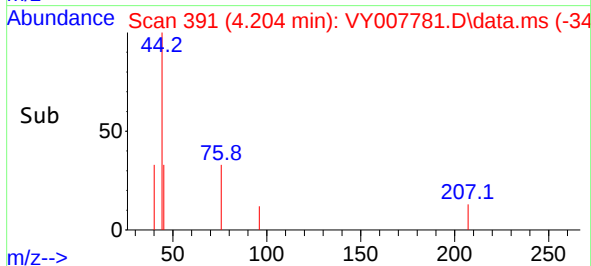
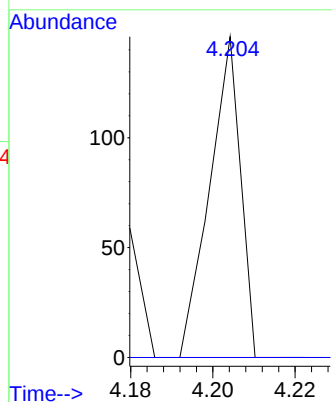


Tgt Ion: 76 Resp: 76

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY007781.D

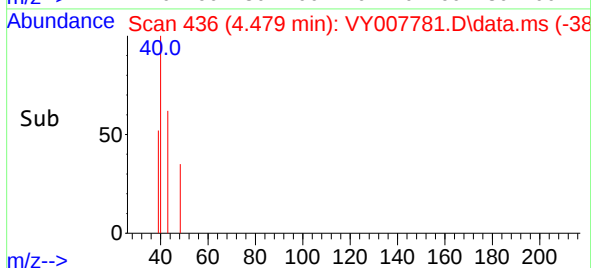
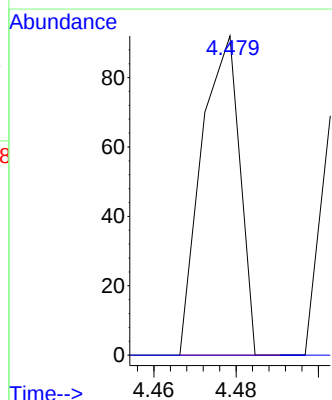
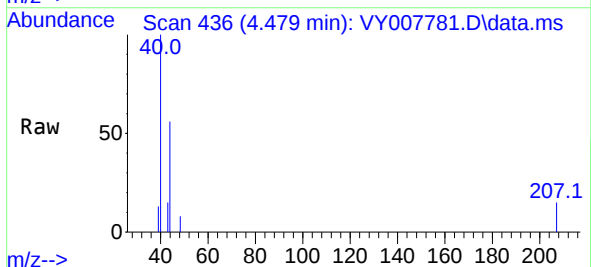
Acq: 08 Mar 2022 15:41

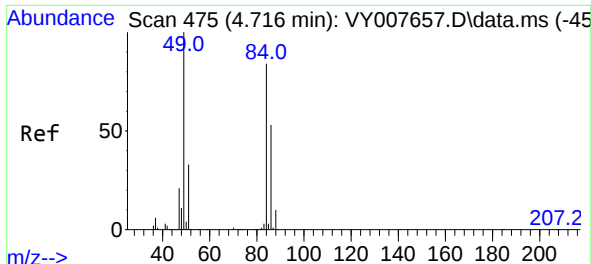
Tgt Ion: 43 Resp: 59

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: 14.471 ug/l

RT: 4.722 min Scan# 41

Delta R.T. 0.006 min

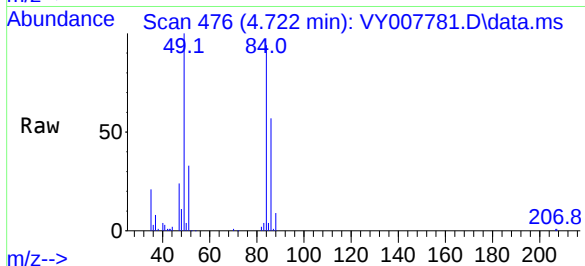
Lab File: VY007781.D

Acq: 08 Mar 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 44068

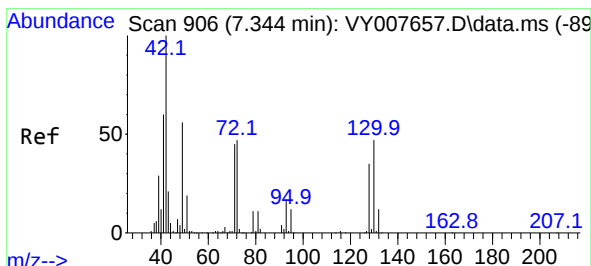
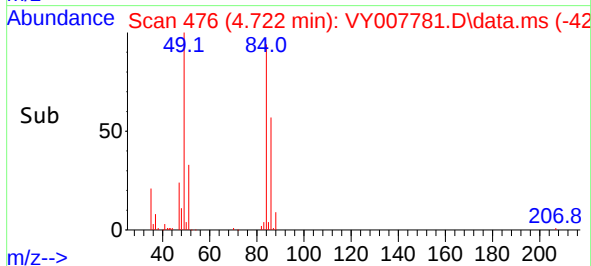
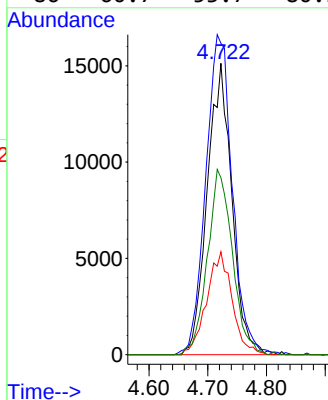
Ion Ratio Lower Upper

84 100

49 106.2 114.4 171.6#

51 35.3 35.3 52.9

86 60.7 53.7 80.5



#29

Tetrahydrofuran

Concen: 1.928 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY007781.D

Acq: 08 Mar 2022 15:41

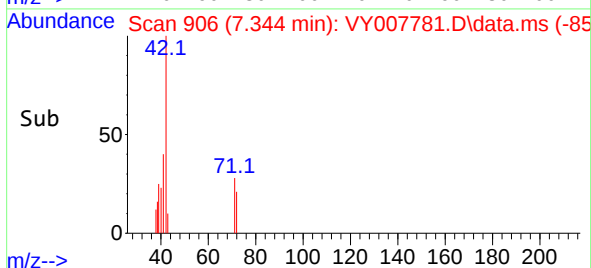
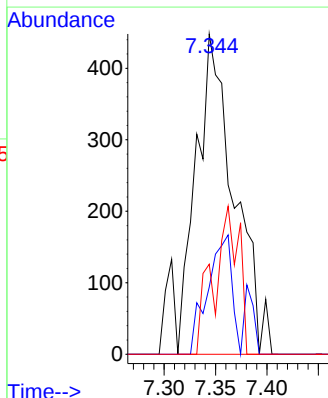
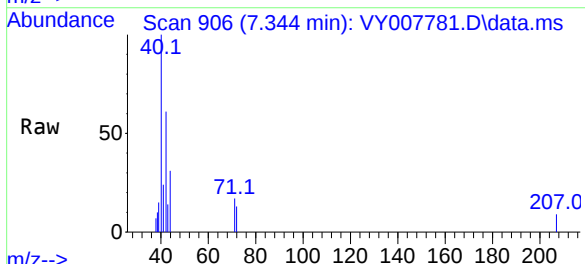
Tgt Ion: 42 Resp: 1157

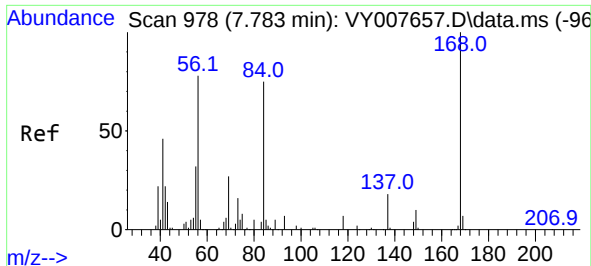
Ion Ratio Lower Upper

42 100

72 23.4 30.3 45.5#

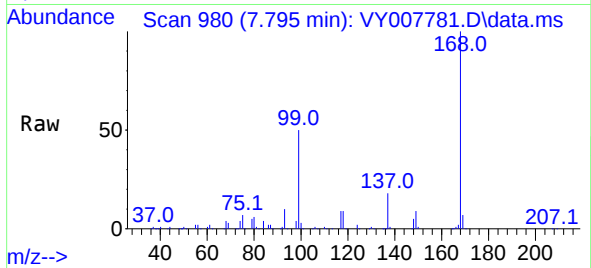
71 30.6 29.0 43.4



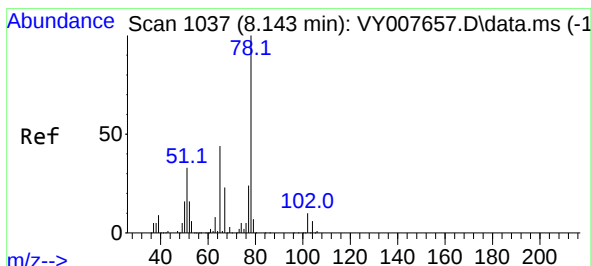
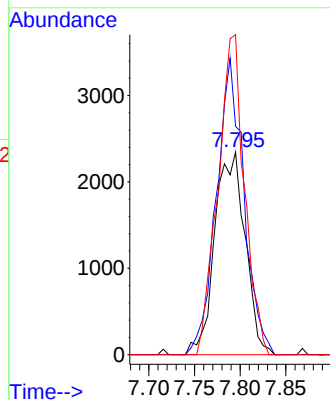
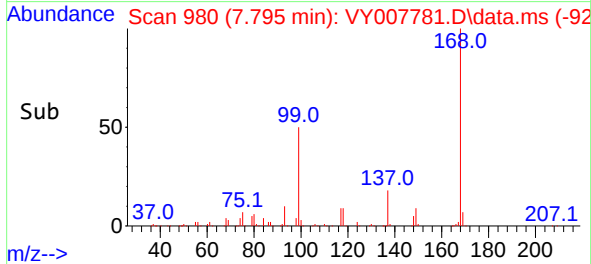


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

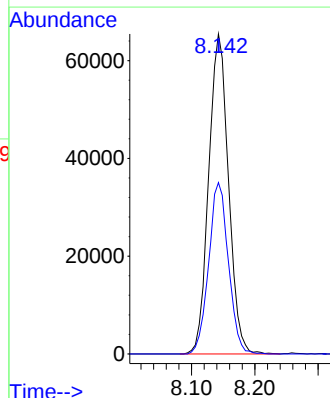
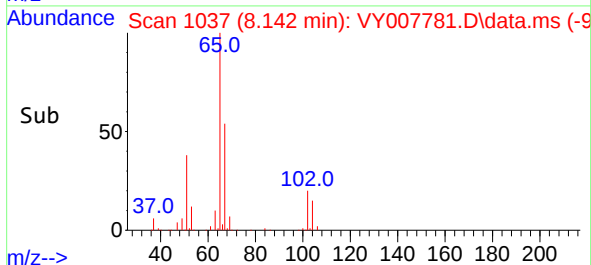
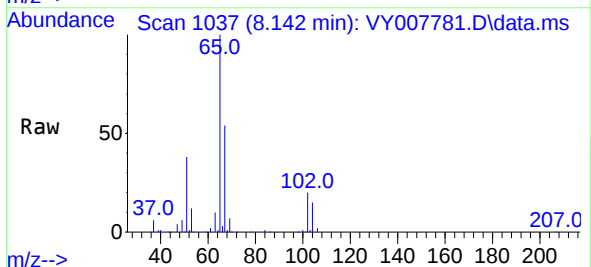


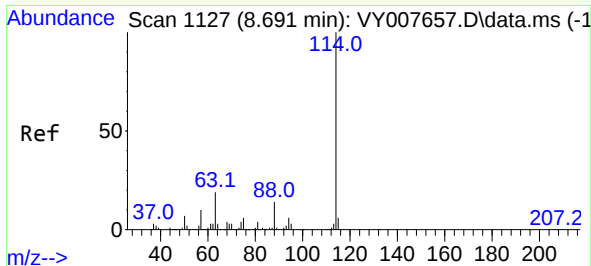
Tgt Ion: 56 Resp: 5420
Ion Ratio Lower Upper
56 100
69 112.8 26.7 40.1#
84 157.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.272 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 65 Resp: 142026
Ion Ratio Lower Upper
65 100
67 53.4 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: VY007781.D

Acq: 08 Mar 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :

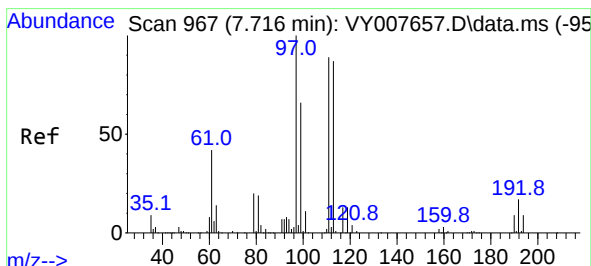
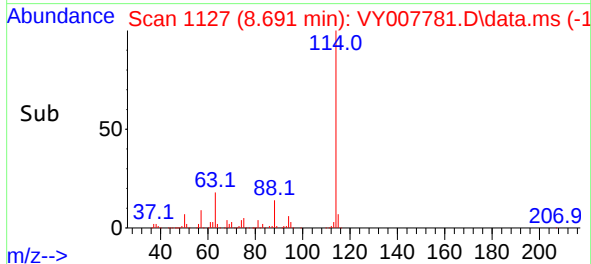
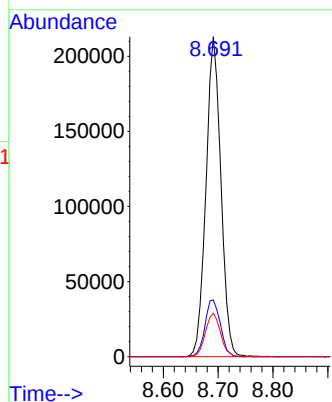
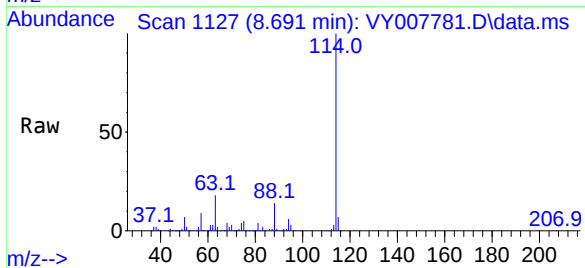
Tgt Ion:114 Resp: 401287

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.170 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007781.D

Acq: 08 Mar 2022 15:41

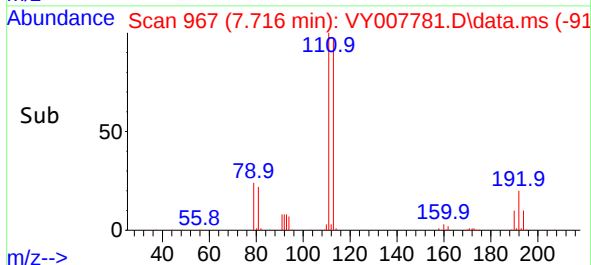
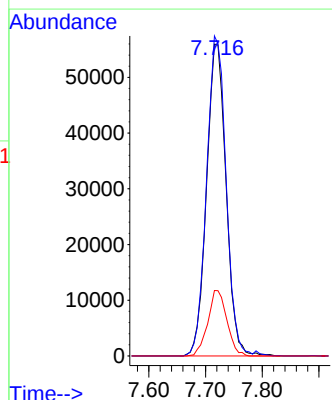
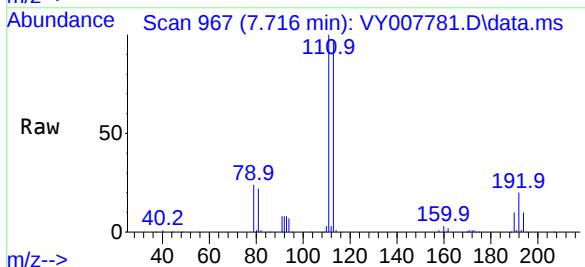
Tgt Ion:113 Resp: 133845

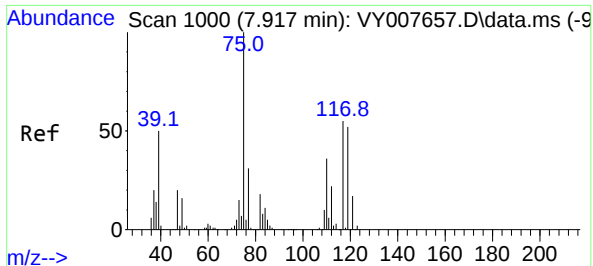
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 20.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.547 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

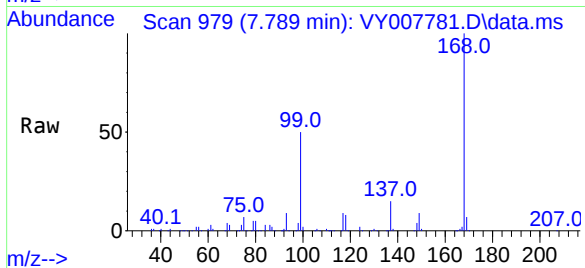
Lab File: VY007781.D

Acq: 08 Mar 2022 15:41

Instrument :

MSVOA_Y

ClientSampleId :



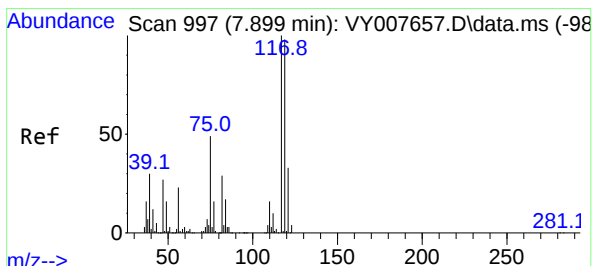
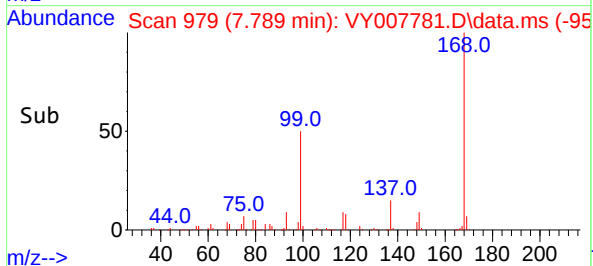
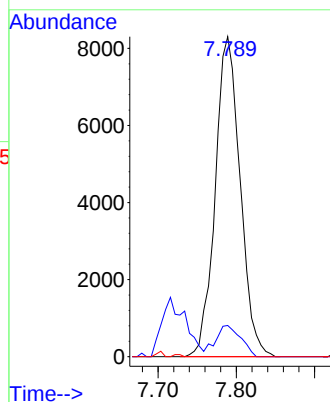
Tgt Ion: 75 Resp: 18351

Ion Ratio Lower Upper

75 100

110 9.8 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.209 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY007781.D

Acq: 08 Mar 2022 15:41

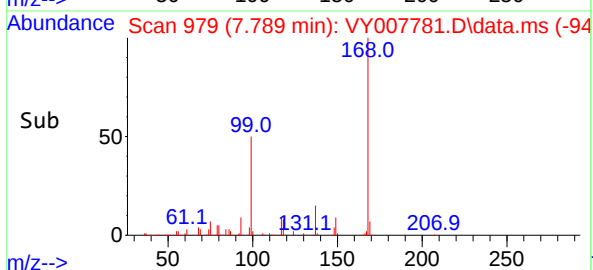
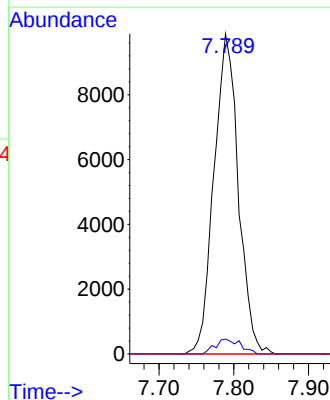
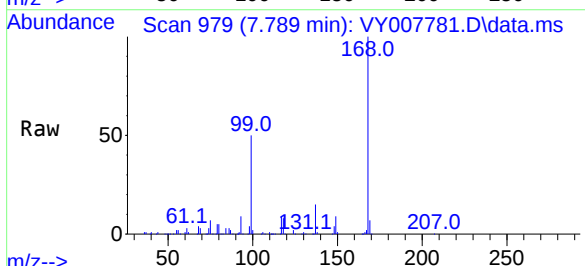
Tgt Ion: 117 Resp: 22424

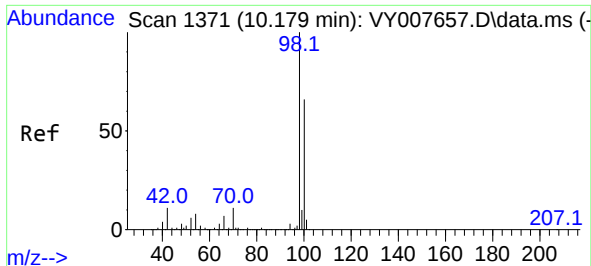
Ion Ratio Lower Upper

117 100

119 4.6 77.9 116.9#

121 0.0 24.8 37.2#

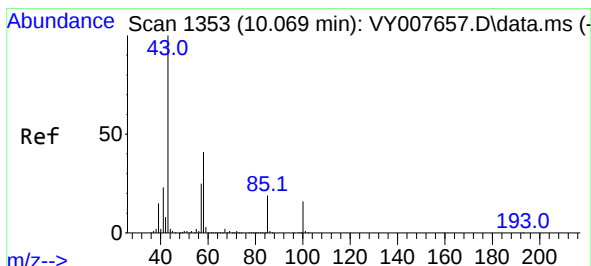
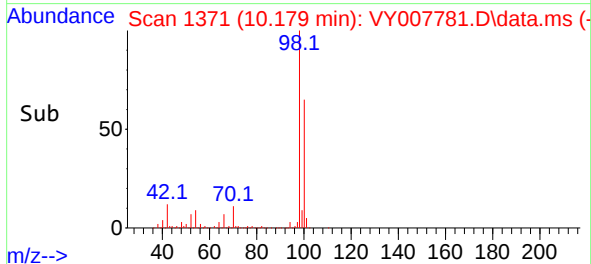
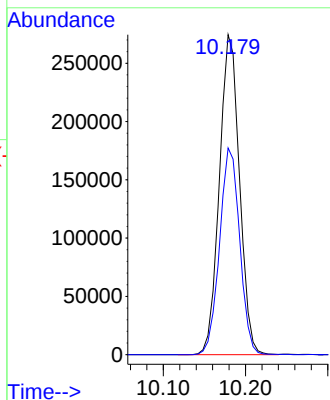
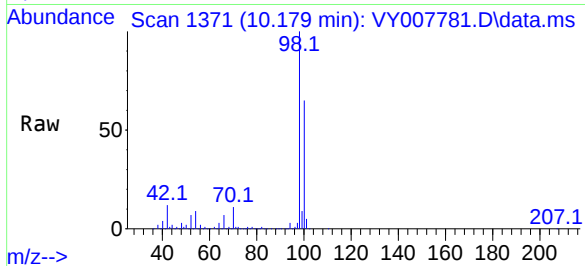




#50
Toluene-d8
Concen: 49.363 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

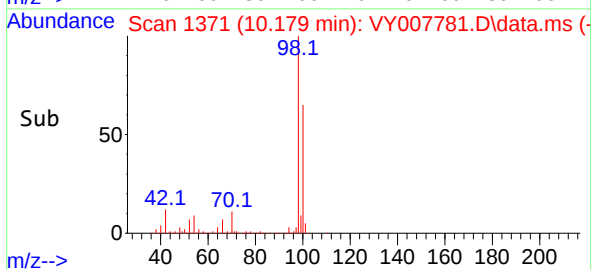
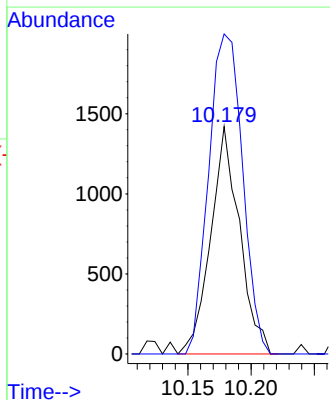
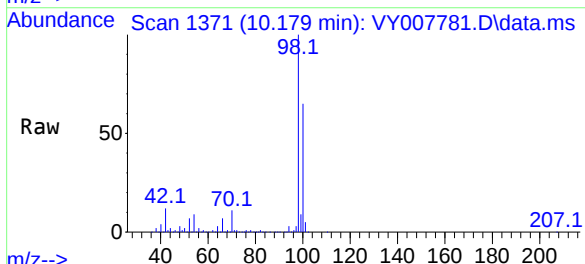
Instrument :
MSVOA_Y
ClientSampleId :

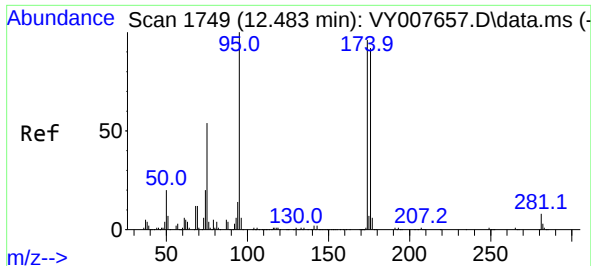
Tgt Ion: 98 Resp: 466181
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.024 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

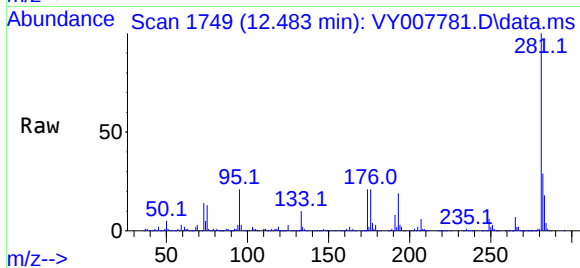
Tgt Ion: 43 Resp: 2258
Ion Ratio Lower Upper
43 100
58 165.0 28.1 42.1#



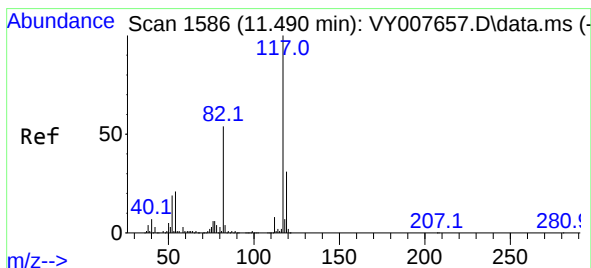
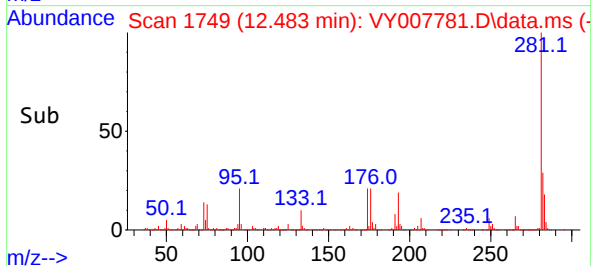
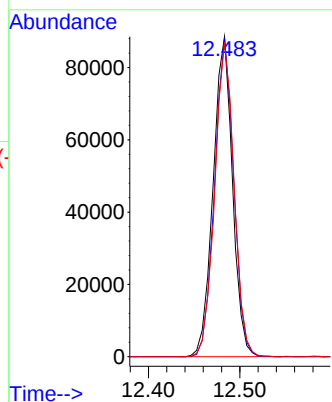


#62
4-Bromofluorobenzene
Concen: 42.863 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :

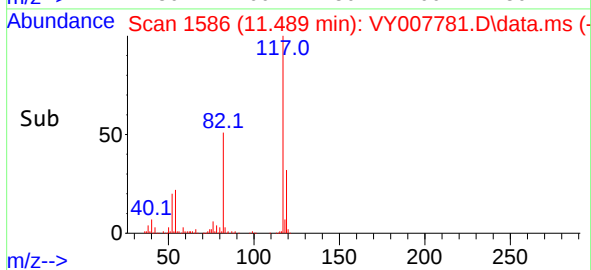
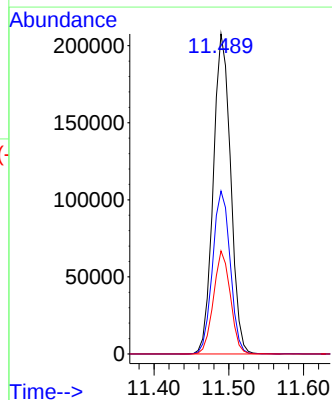
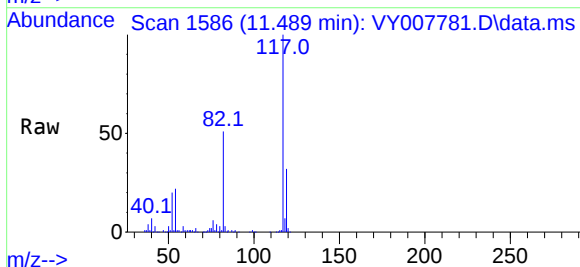


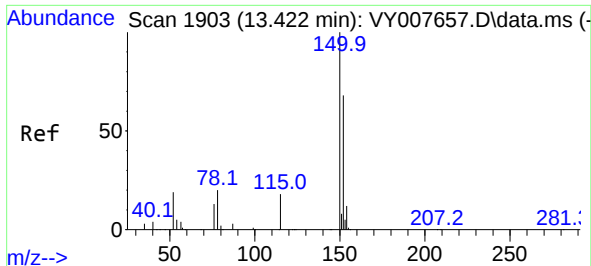
Tgt Ion: 95 Resp: 130482
Ion Ratio Lower Upper
95 100
174 98.5 0.0 177.0
176 98.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

Tgt Ion: 117 Resp: 335351
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.2 25.4 38.0

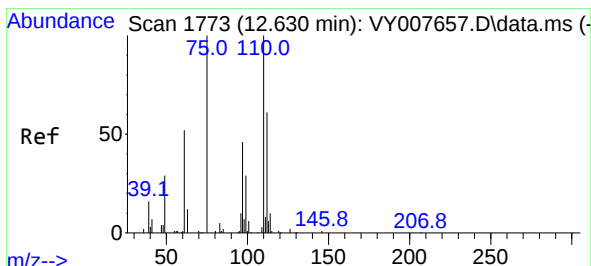
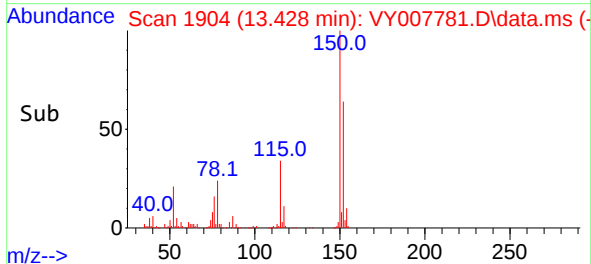
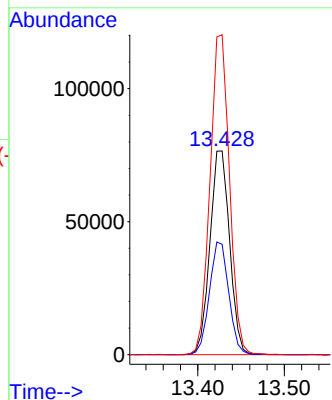
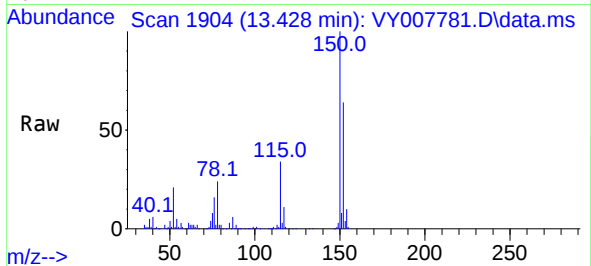




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007781.D
 Acq: 08 Mar 2022 15:41

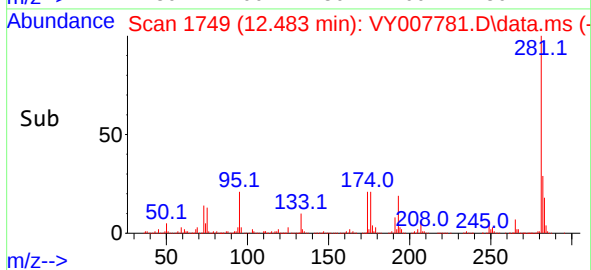
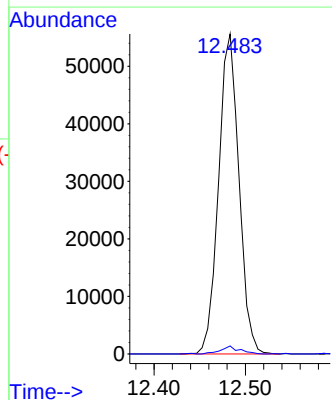
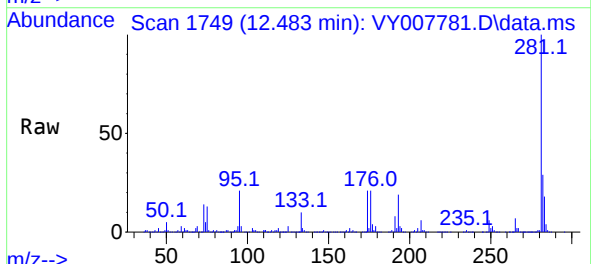
Instrument :
 MSVOA_Y
 ClientSampleId :

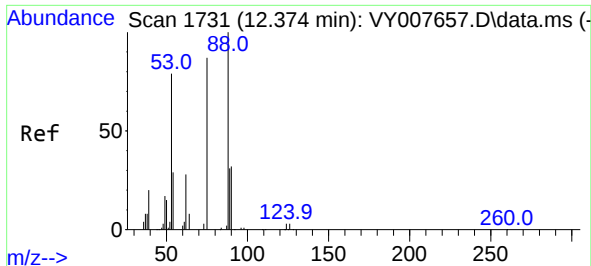
Tgt Ion:152 Resp: 120910
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.7
 150 155.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 63.837 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007781.D
 Acq: 08 Mar 2022 15:41

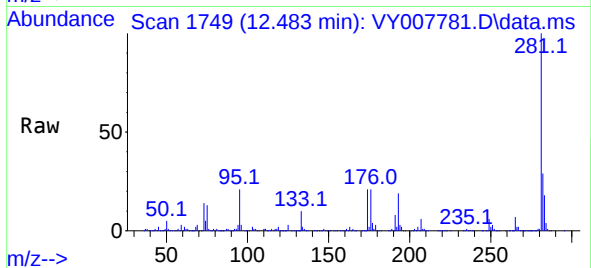
Tgt Ion: 75 Resp: 86198
 Ion Ratio Lower Upper
 75 100
 77 2.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 130.507 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007781.D
Acq: 08 Mar 2022 15:41

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 86198
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 4.2 37.0 55.4#

