

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007751.D
 Acq On : 04 Mar 2022 18:50
 Operator : SY/MD
 Sample : N1790-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:26:19 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)

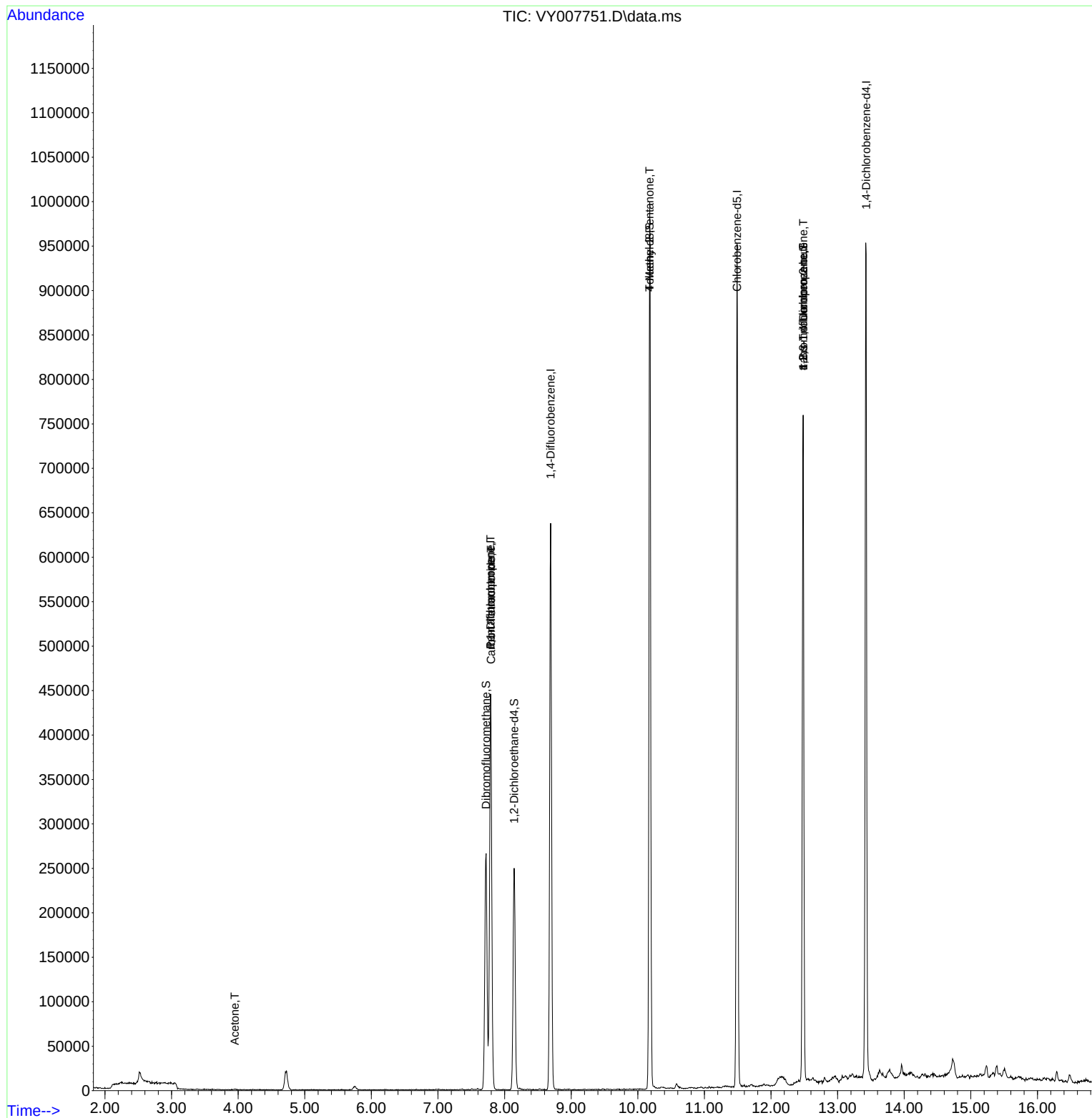
Internal Standards						
1) Pentafluorobenzene	7.789	168	359607	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	558799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	510556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	242247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	191490	50.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.720%	
35) Dibromofluoromethane	7.722	113	181983	50.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.880%	
50) Toluene-d8	10.179	98	670210	50.963	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.920%	
62) 4-Bromofluorobenzene	12.483	95	203329	47.965	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.940%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	72	Below Cal		85
3) Chloromethane	2.113	50	1425	Below Cal	#	85
13) Acrolein	3.729	56	26	Below Cal	#	80
16) Acetone	3.948	43	1038	1.355	ug/l #	72
17) Carbon Disulfide	4.314	76	41	Below Cal	#	75
18) Methyl Acetate	4.460	43	64	Below Cal	#	56
31) Cyclohexane	7.789	56	7453	Below Cal	#	17
36) 1,1-Dichloropropene	7.789	75	26346	4.688	ug/l #	52
38) Carbon Tetrachloride	7.795	117	33926	5.659	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	3104	1.011	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	113345	41.897	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	113345	85.653	ug/l #	7

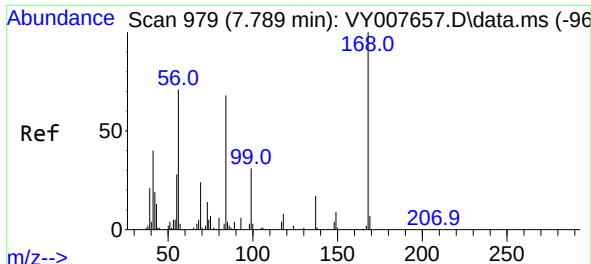
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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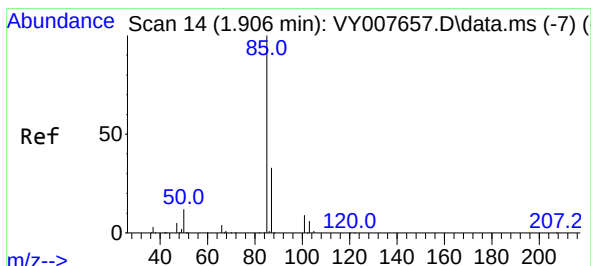
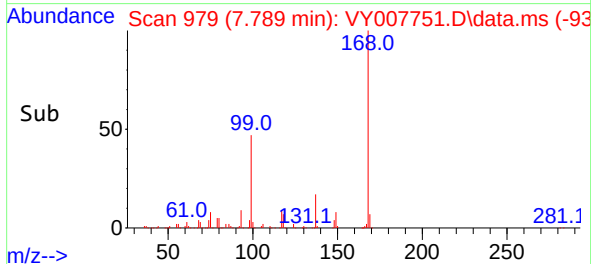
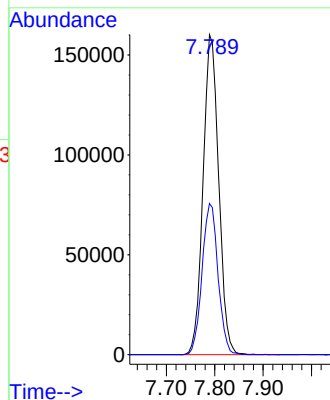
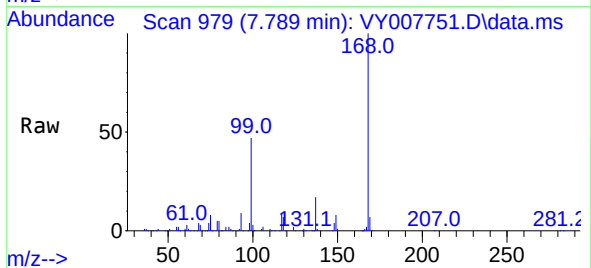




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

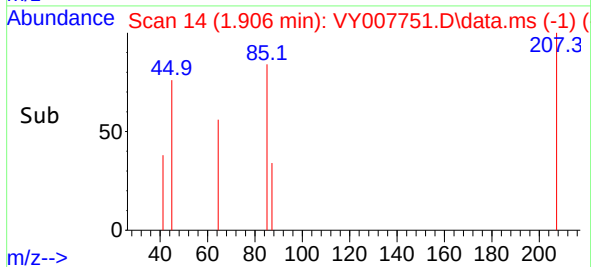
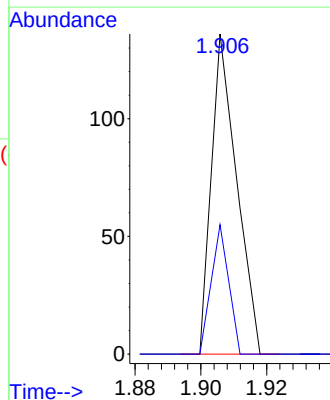
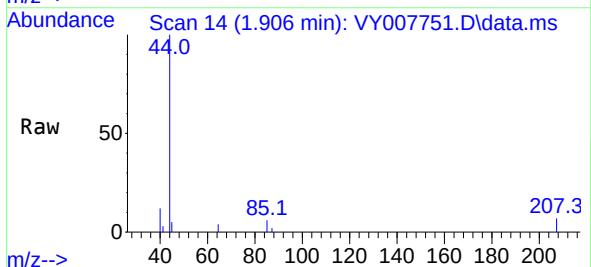
Instrument :
MSVOA_Y
ClientSampleId :

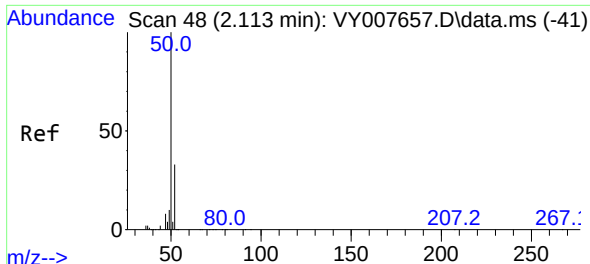
Tgt Ion:168 Resp: 359607
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

Tgt Ion: 85 Resp: 72
Ion Ratio Lower Upper
85 100
87 40.4 16.1 48.2

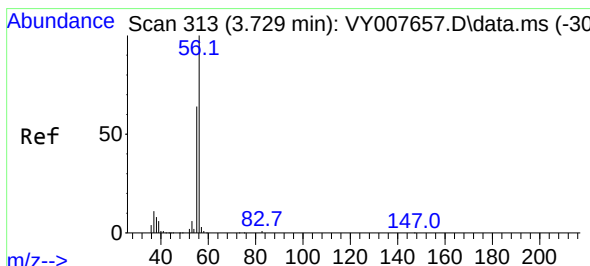
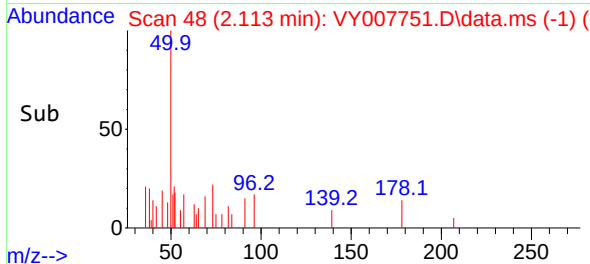
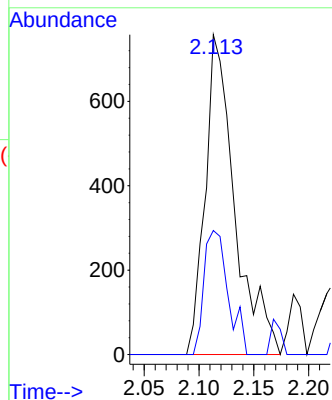
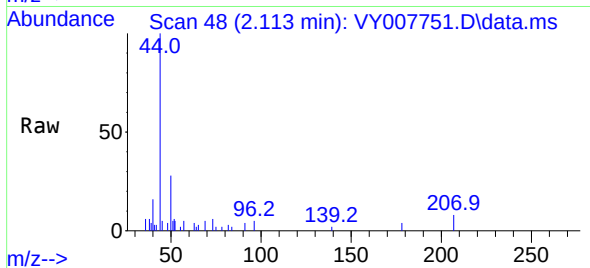




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

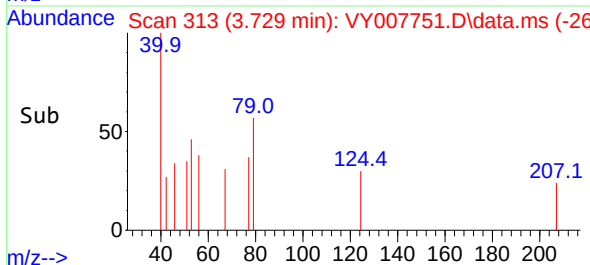
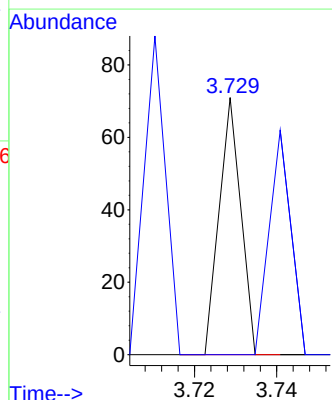
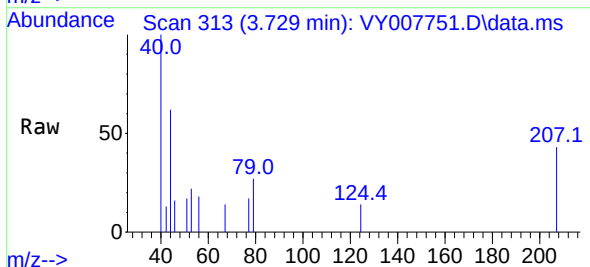
Instrument :
MSVOA_Y
ClientSampleId :

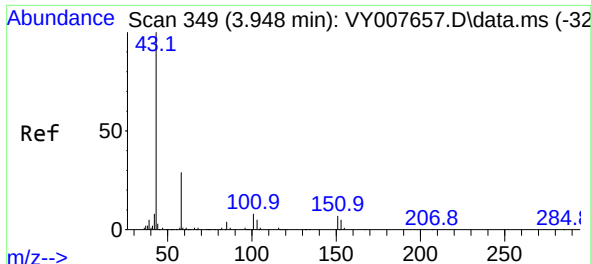
Tgt Ion: 50 Resp: 1425
Ion Ratio Lower Upper
50 100
52 38.8 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 88.5 57.6 86.4#

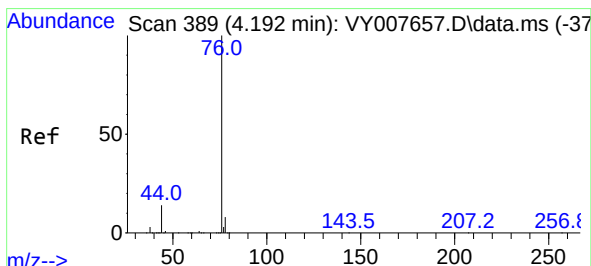
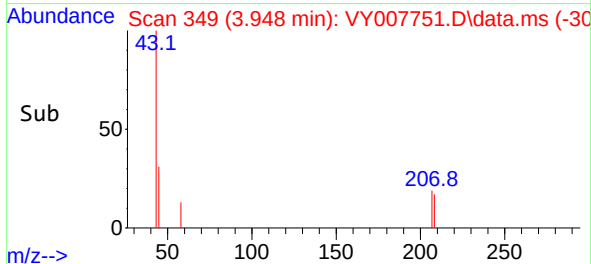
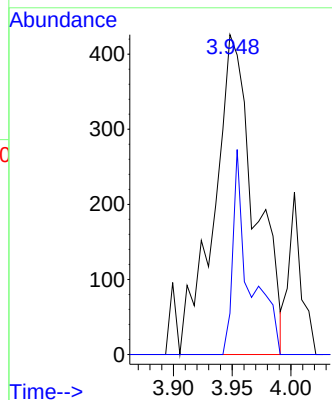
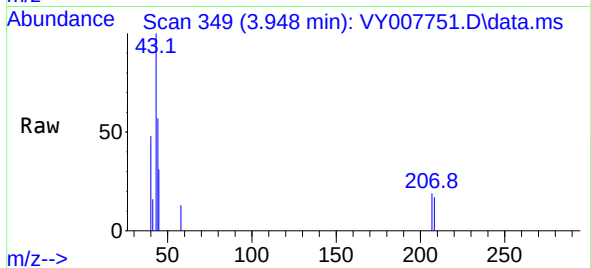




#16
Acetone
Concen: 1.355 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

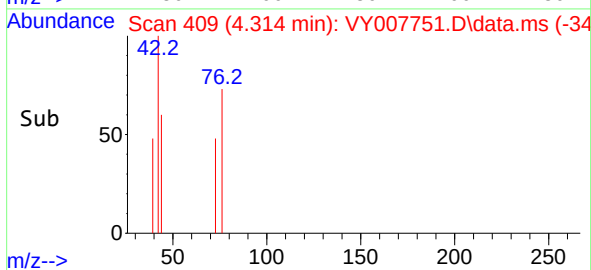
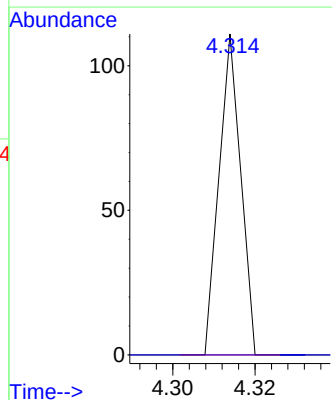
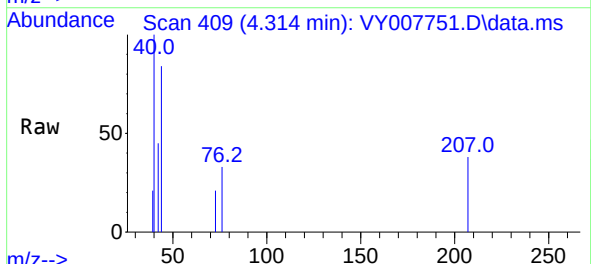
Instrument :
MSVOA_Y
ClientSampleId :

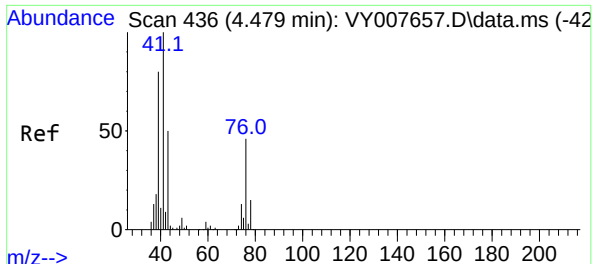
Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 12.9 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.314 min Scan# 409
Delta R.T. 0.122 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

Tgt Ion: 76 Resp: 41
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.460 min Scan# 41

Delta R.T. -0.019 min

Lab File: VY007751.D

Acq: 04 Mar 2022 18:50

Instrument :

MSVOA_Y

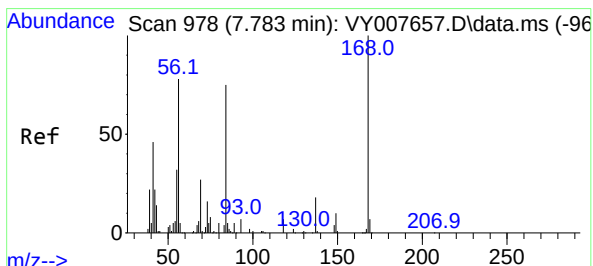
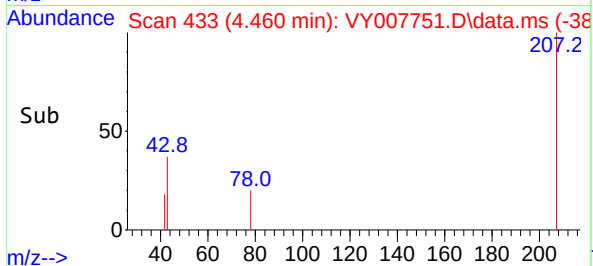
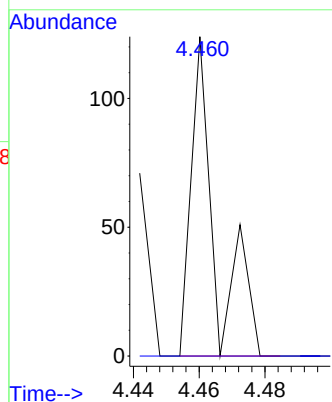
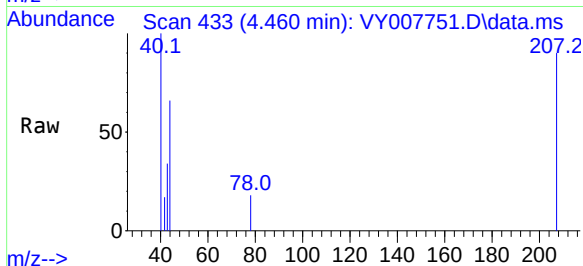
ClientSampleId :

Tgt Ion: 43 Resp: 64

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY007751.D

Acq: 04 Mar 2022 18:50

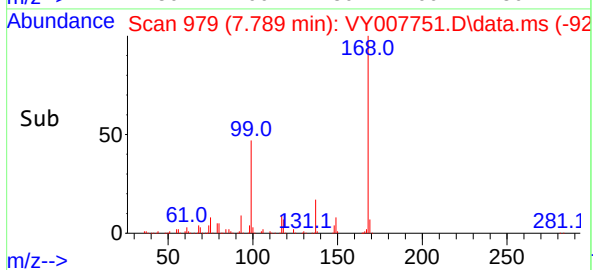
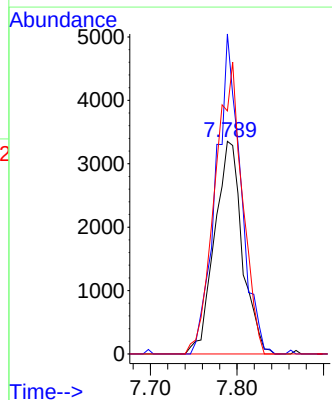
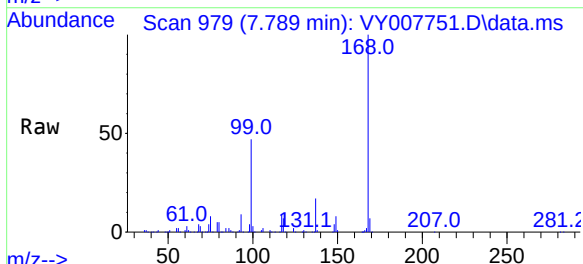
Tgt Ion: 56 Resp: 7453

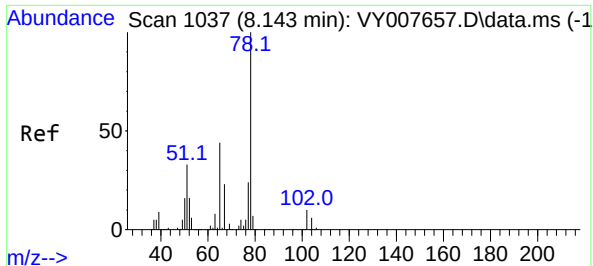
Ion Ratio Lower Upper

56 100

69 150.5 26.7 40.1#

84 114.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 50.864 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007751.D

Acq: 04 Mar 2022 18:50

Instrument :

MSVOA_Y

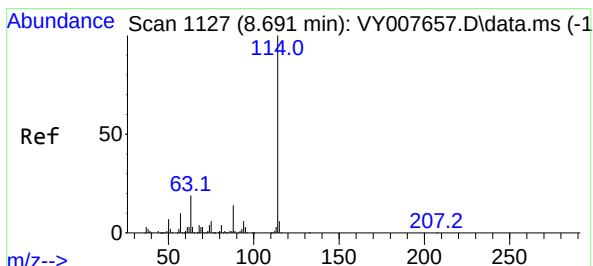
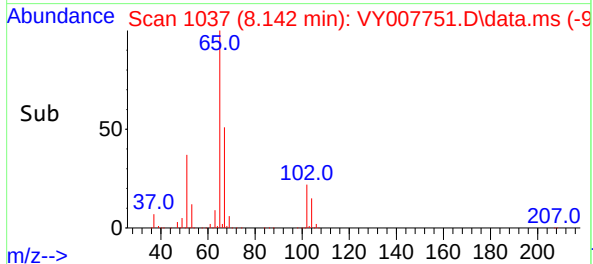
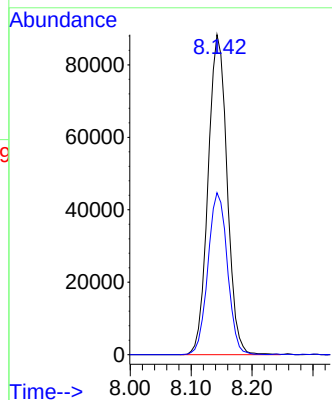
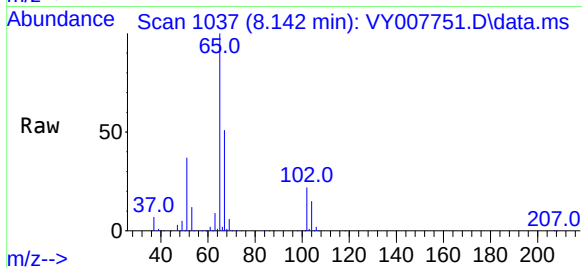
ClientSampleId :

Tgt Ion: 65 Resp: 191490

Ion Ratio Lower Upper

65 100

67 51.8 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: VY007751.D

Acq: 04 Mar 2022 18:50

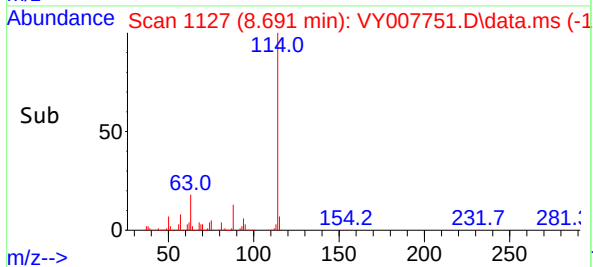
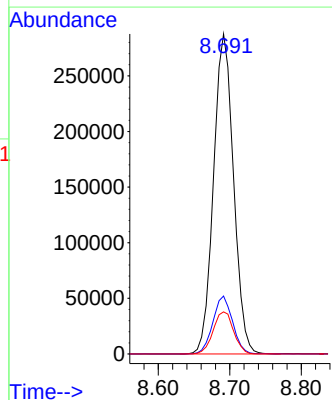
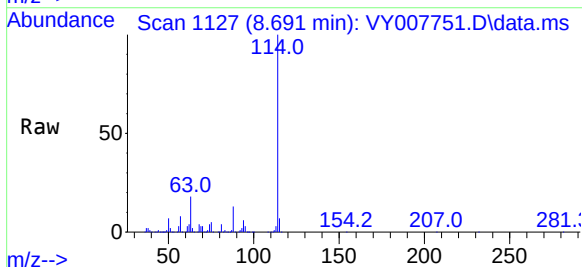
Tgt Ion: 114 Resp: 558799

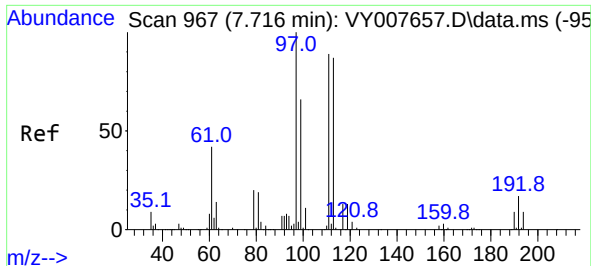
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.2 0.0 31.8

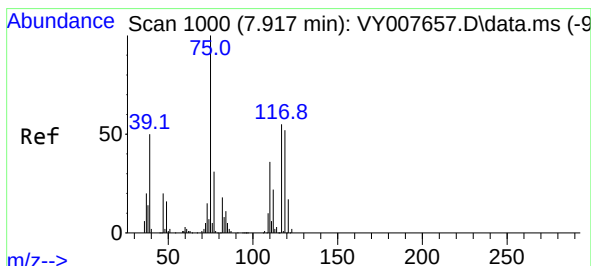
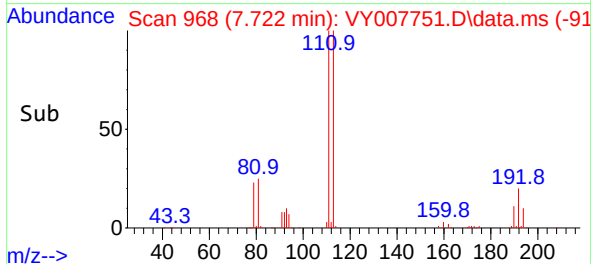
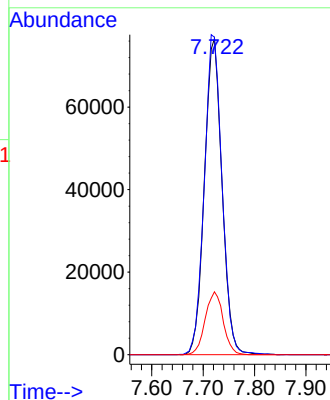
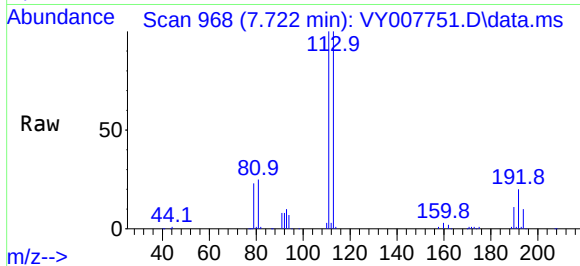




#35
Dibromofluoromethane
Concen: 50.939 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

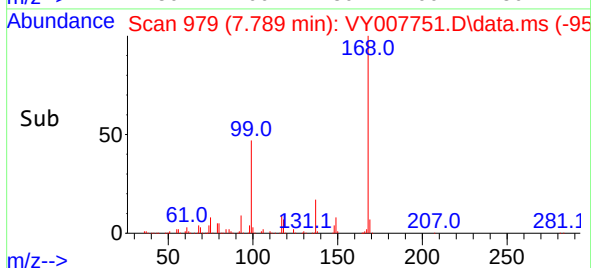
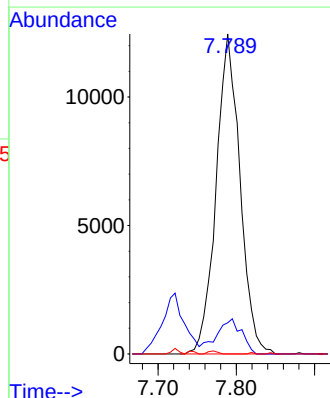
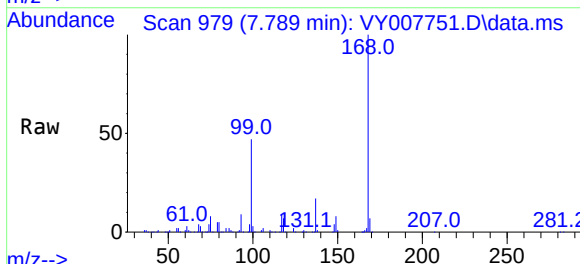
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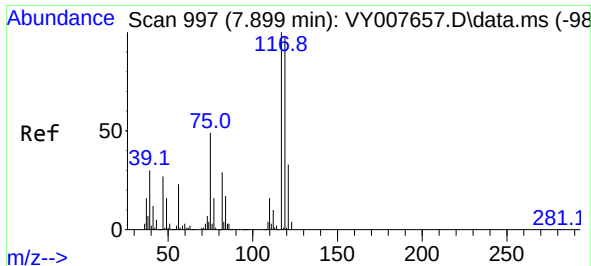
Tgt Ion:113 Resp: 181983
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 20.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

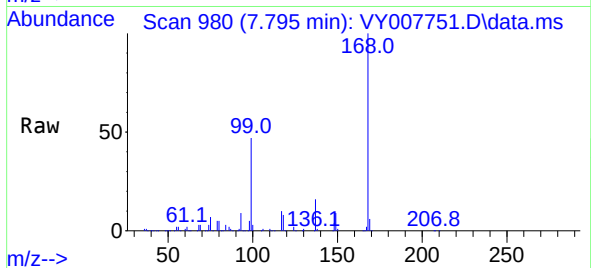
Tgt Ion: 75 Resp: 26346
Ion Ratio Lower Upper
75 100
110 11.0 17.1 51.2#
77 0.0 24.4 36.6#



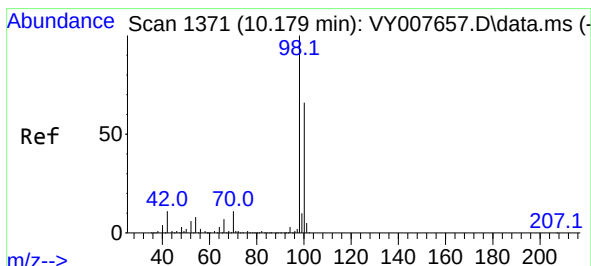
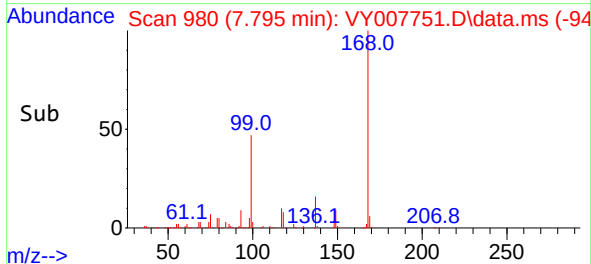
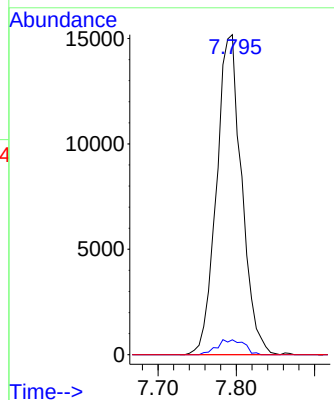


#38
Carbon Tetrachloride
Concen: 5.659 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

Instrument :
MSVOA_Y
ClientSampleId :

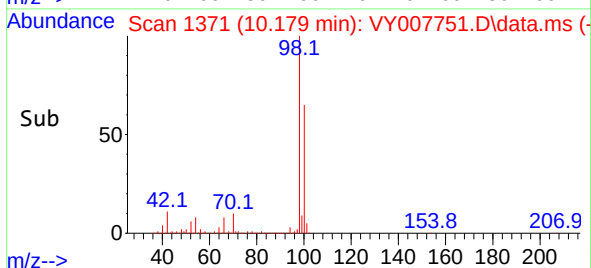
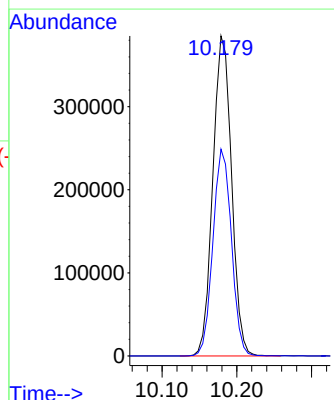
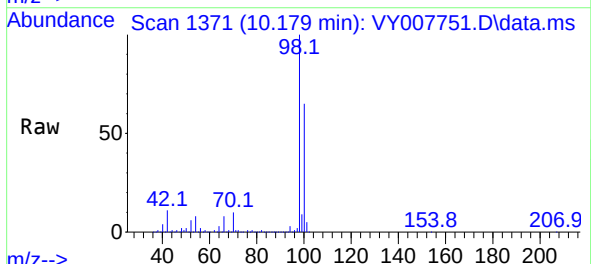


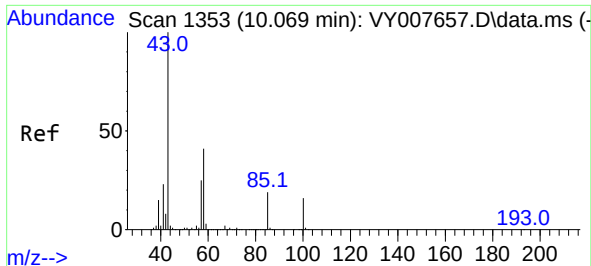
Tgt Ion:117 Resp: 33926
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.963 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

Tgt Ion: 98 Resp: 670210
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 1.011 ug/l

RT: 10.179 min Scan# 1353

Delta R.T. 0.110 min

Lab File: VY007751.D

Acq: 04 Mar 2022 18:50

Instrument :

MSVOA_Y

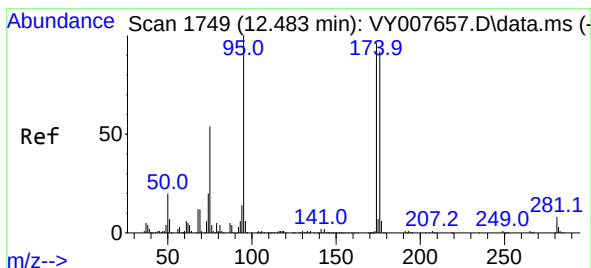
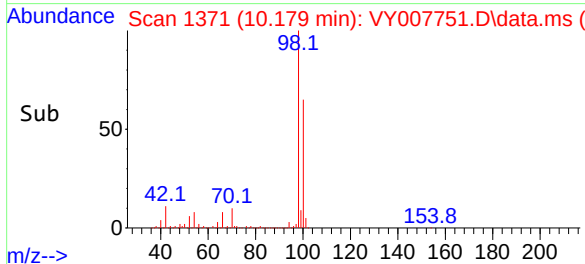
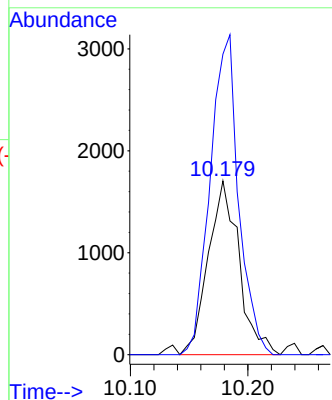
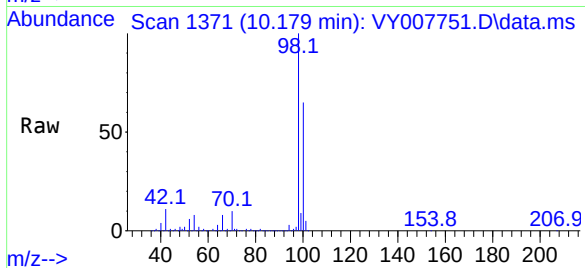
ClientSampleId :

Tgt Ion: 43 Resp: 3104

Ion Ratio Lower Upper

43 100

58 170.8 28.1 42.1#



#62

4-Bromofluorobenzene

Concen: 47.965 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY007751.D

Acq: 04 Mar 2022 18:50

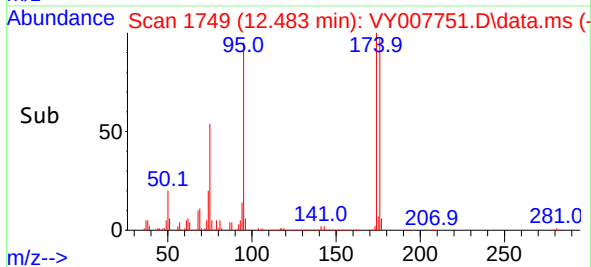
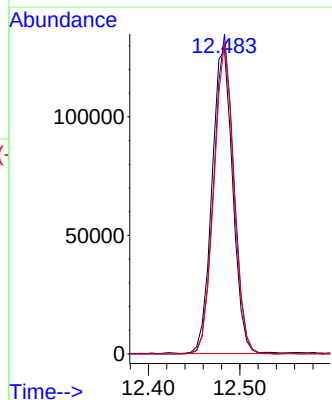
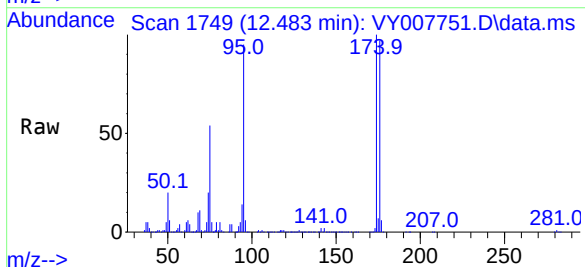
Tgt Ion: 95 Resp: 203329

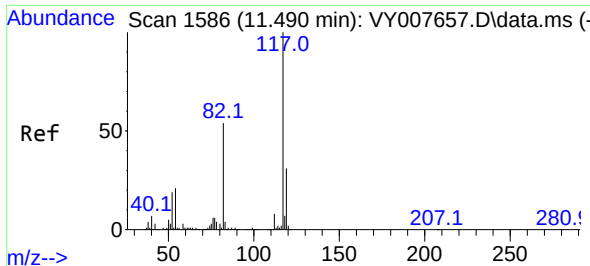
Ion Ratio Lower Upper

95 100

174 100.8 0.0 177.0

176 96.7 0.0 175.8

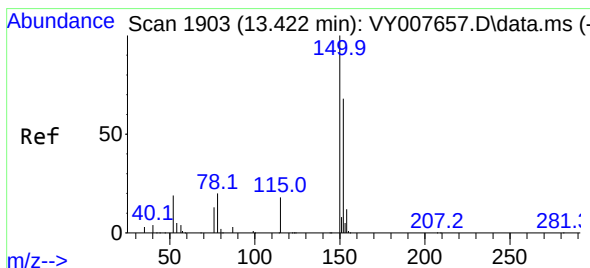
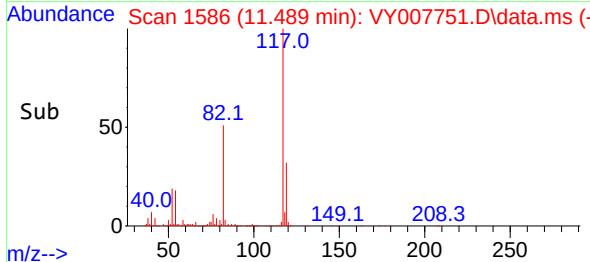
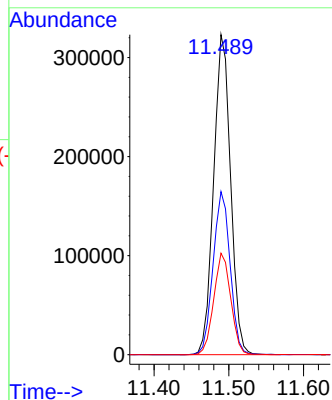
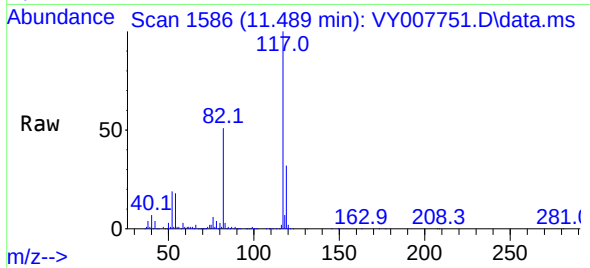




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

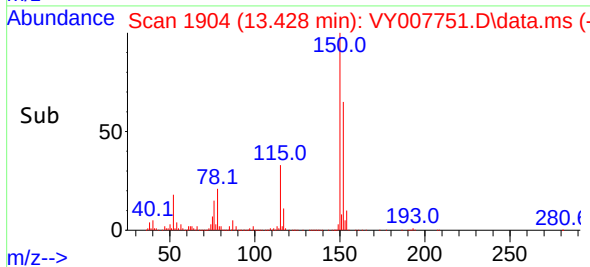
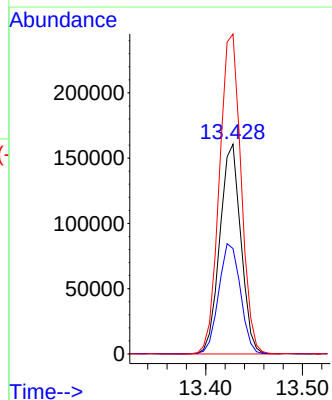
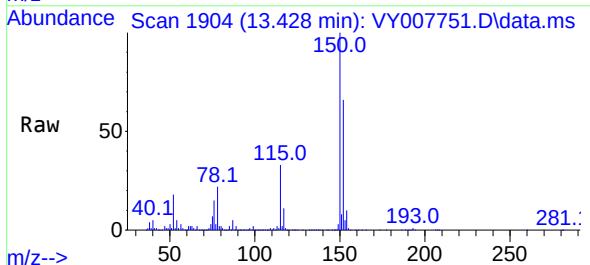
Instrument :
MSVOA_Y
ClientSampleId :

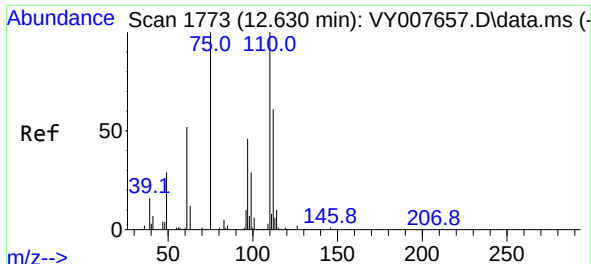
Tgt Ion:117 Resp: 510556
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

Tgt Ion:152 Resp: 242247
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 157.1 0.0 347.6

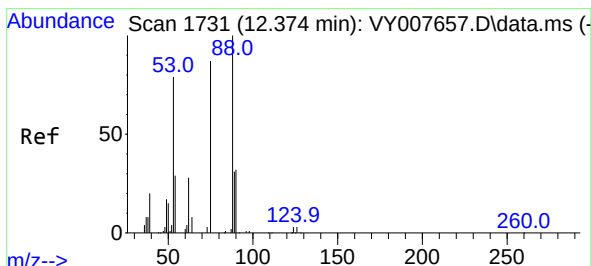
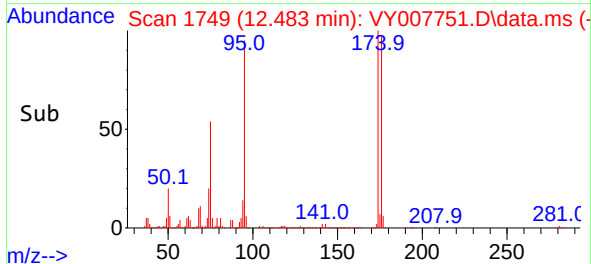
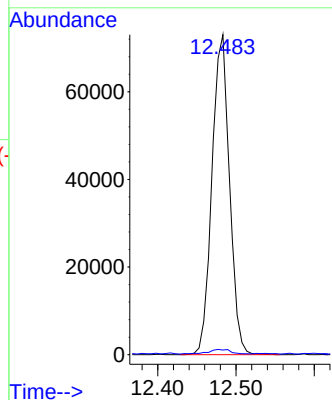
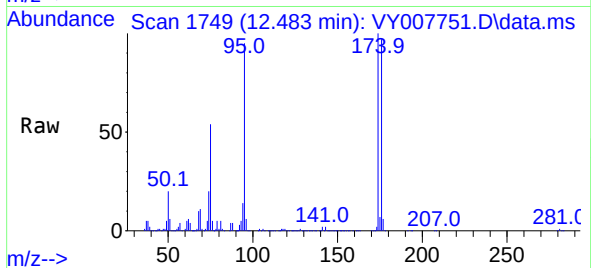




#76
1,2,3-Trichloropropane
Concen: 41.897 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 113345
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.653 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007751.D
Acq: 04 Mar 2022 18:50

Tgt Ion: 75 Resp: 113345
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 0.0 37.0 55.4#

