

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007711.D
 Acq On : 03 Mar 2022 17:52
 Operator : SY/MD
 Sample : N1759-02
 Misc : 6.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DISP-2

Quant Time: Mar 04 00:42:57 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)

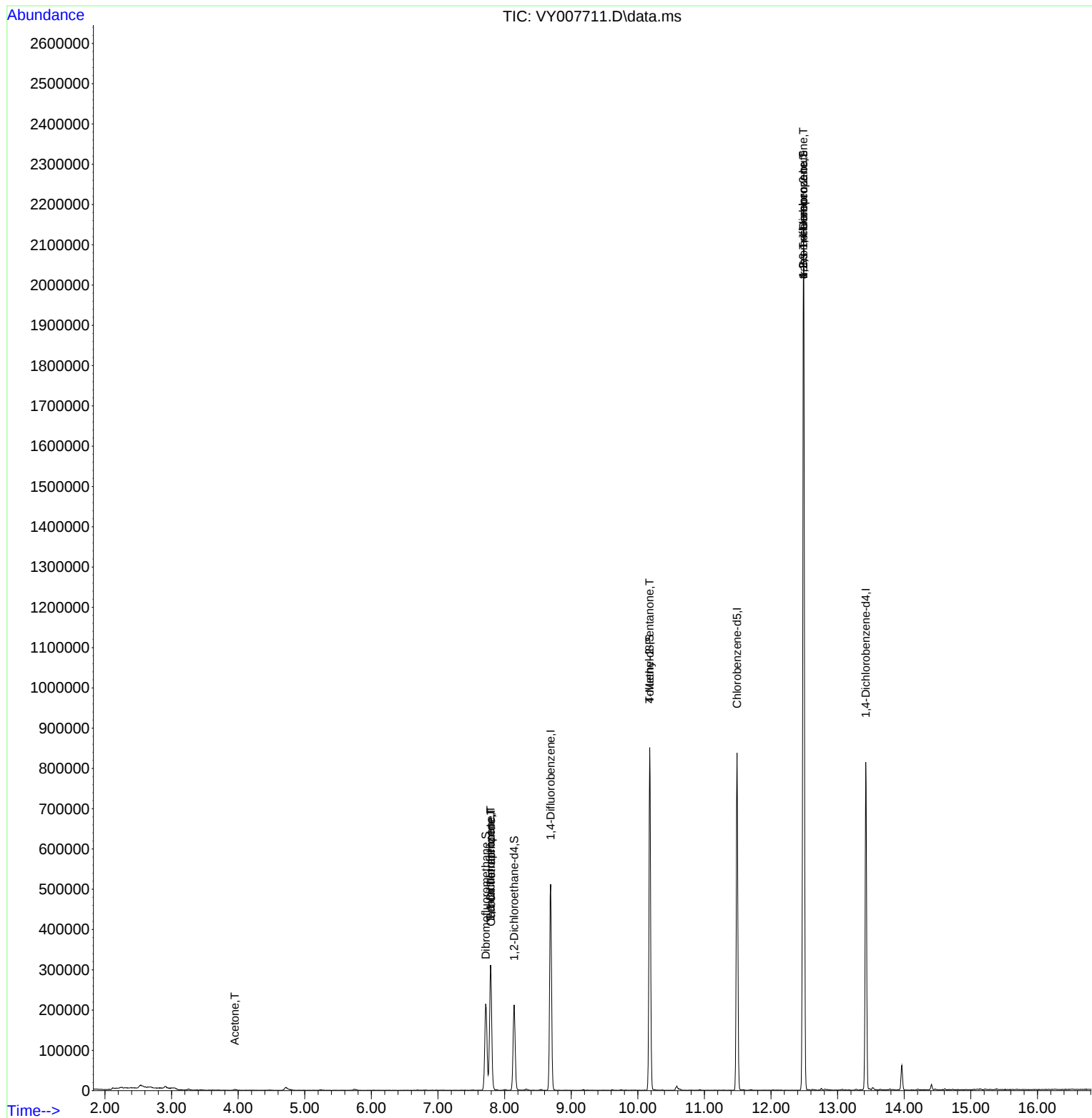
Internal Standards						
1) Pentafluorobenzene	7.789	168	238613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	434305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	438926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	159346	63.788	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.580%			
35) Dibromofluoromethane	7.716	113	148176	53.365	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.740%			
50) Toluene-d8	10.179	98	551036	53.912	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.820%			
62) 4-Bromofluorobenzene	12.483	95	190896	57.941	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	120	Below Cal		98
3) Chloromethane	2.113	50	1359	Below Cal	#	82
13) Acrolein	3.686	56	51	Below Cal	#	1
16) Acetone	3.948	43	3737	7.354	ug/l #	82
18) Methyl Acetate	4.472	43	769	Below Cal		94
20) Methylene Chloride	4.710	84	4445	Below Cal	#	69
31) Cyclohexane	7.789	56	6005	Below Cal	#	38
36) 1,1-Dichloropropene	7.789	75	18665	4.273	ug/l #	46
38) Carbon Tetrachloride	7.795	117	23224	4.984	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	2757	1.155	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	118302	52.479	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	118302	107.287	ug/l #	9

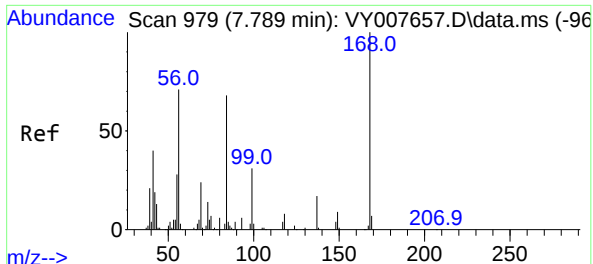
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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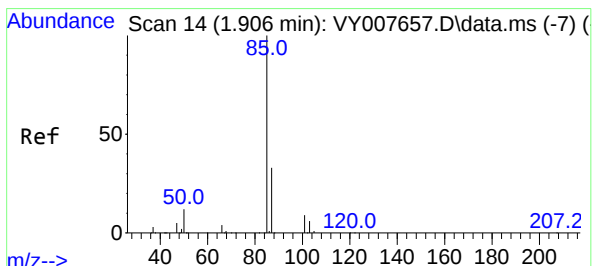
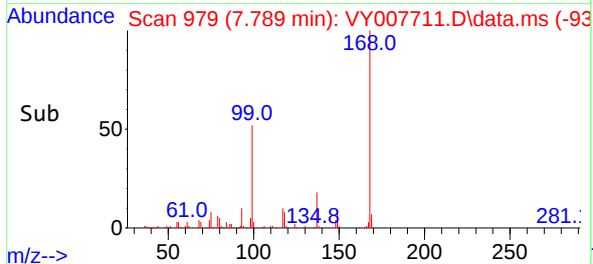
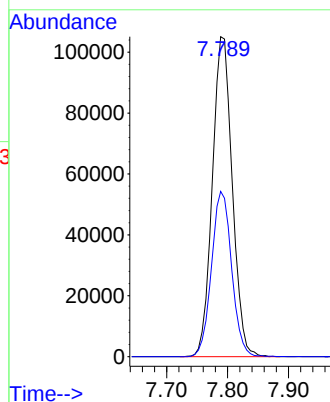
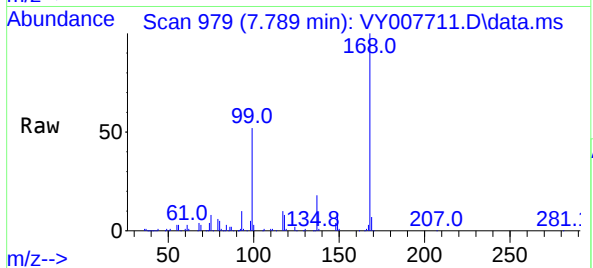




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

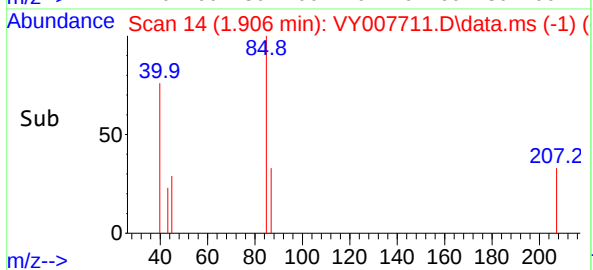
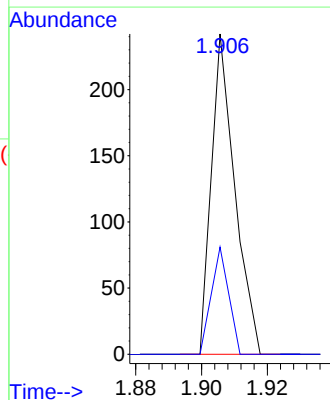
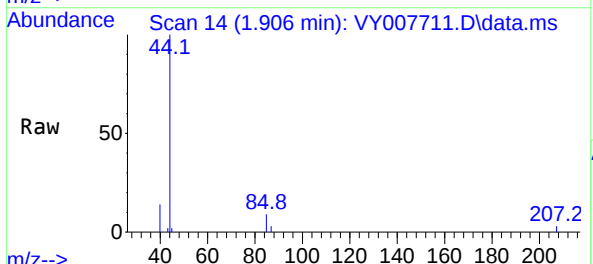
Instrument :
MSVOA_Y
ClientSampleId :
DISP-2

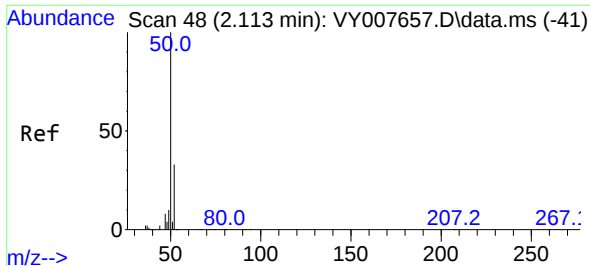
Tgt Ion:168 Resp: 238613
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

Tgt Ion: 85 Resp: 120
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2

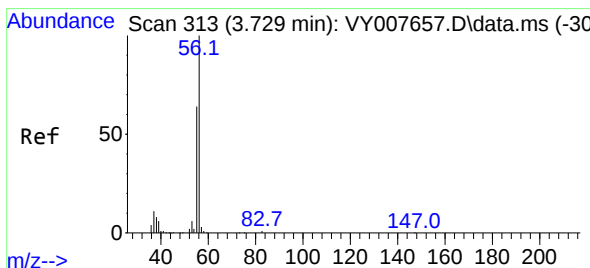
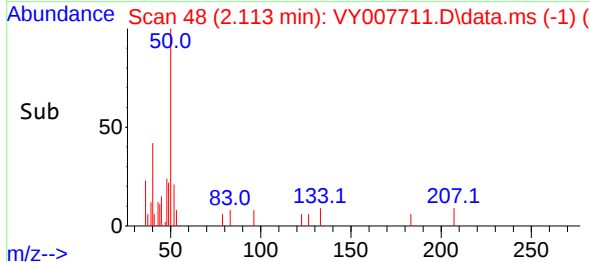
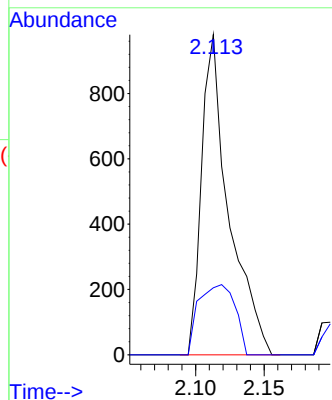
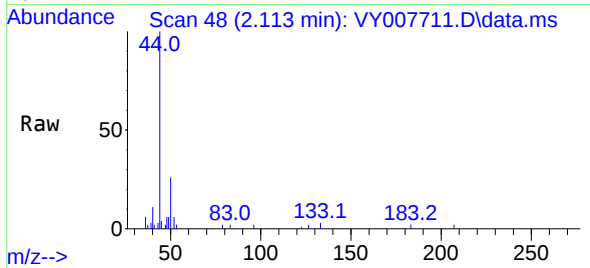




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

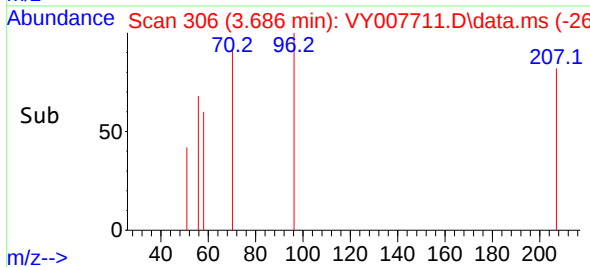
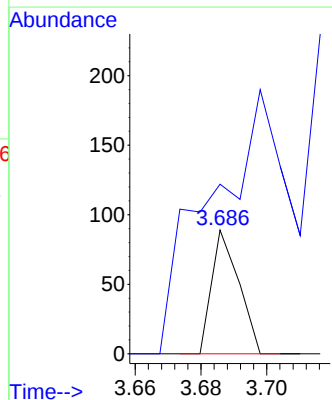
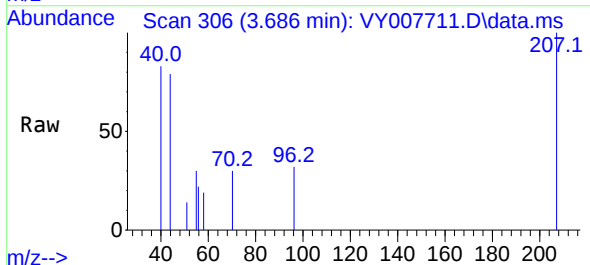
Instrument :
MSVOA_Y
ClientSampleId :
DISP-2

Tgt Ion: 50 Resp: 1359
Ion Ratio Lower Upper
50 100
52 20.9 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.686 min Scan# 306
Delta R.T. -0.043 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 609.8 57.6 86.4#

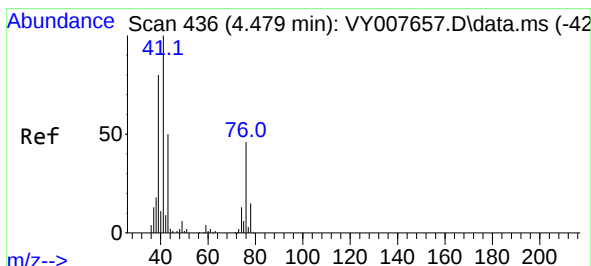
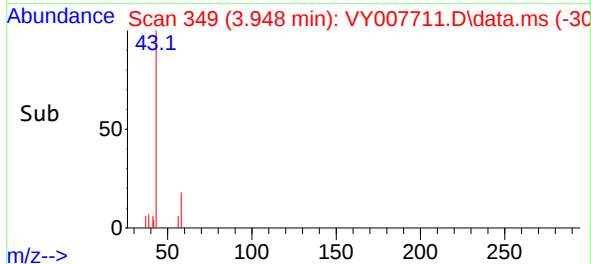
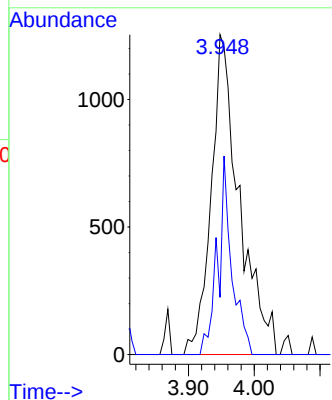
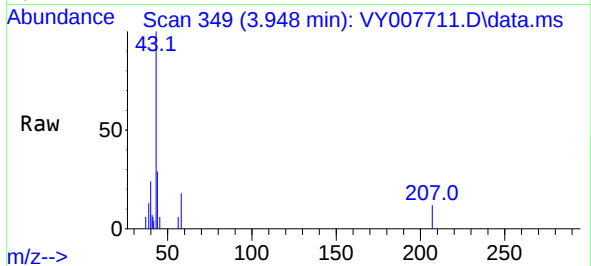




#16
Acetone
Concen: 7.354 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

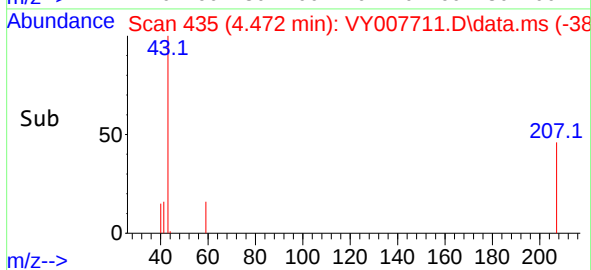
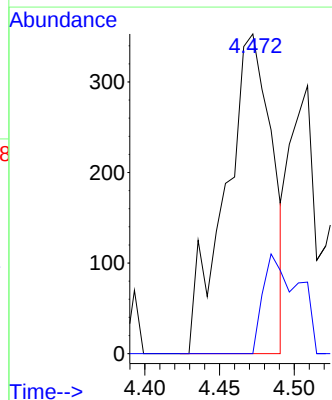
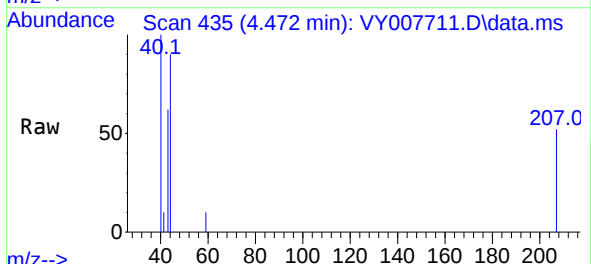
Instrument :
MSVOA_Y
ClientSampleId :
DISP-2

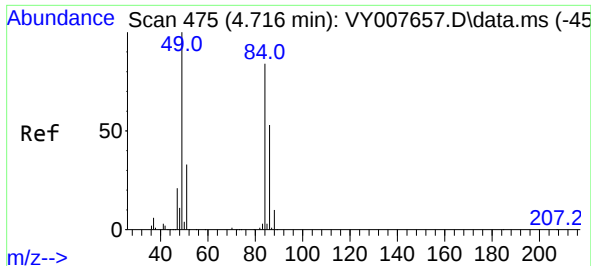
Tgt Ion: 43 Resp: 3737
Ion Ratio Lower Upper
43 100
58 17.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

Tgt Ion: 43 Resp: 769
Ion Ratio Lower Upper
43 100
74 23.4 16.6 24.8





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY007711.D

Acq: 03 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

DISP-2

Tgt Ion: 84 Resp: 4445

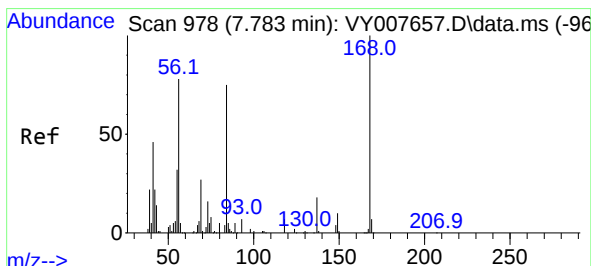
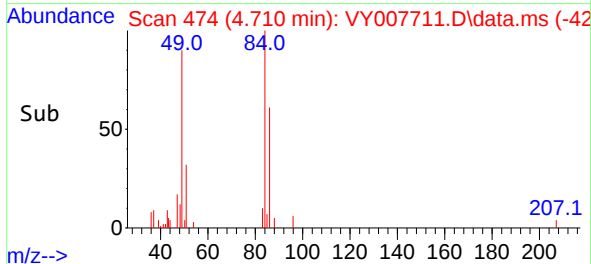
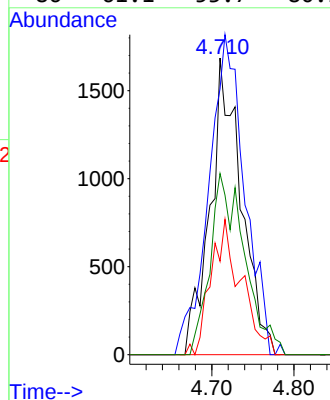
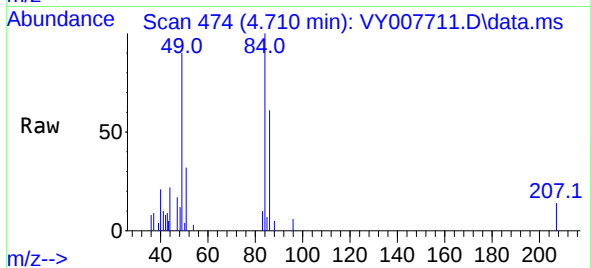
Ion Ratio Lower Upper

84 100

49 86.2 114.4 171.6#

51 31.5 35.3 52.9#

86 61.1 53.7 80.5



#31

Cyclohexane

Concen: Below Cal

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY007711.D

Acq: 03 Mar 2022 17:52

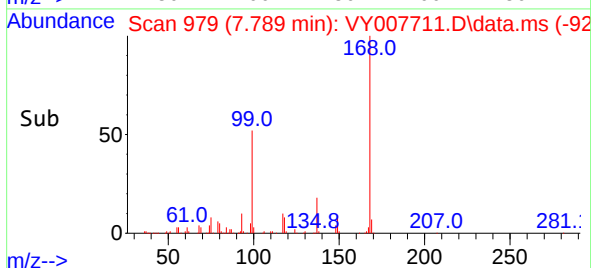
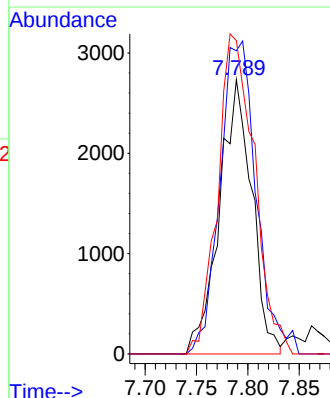
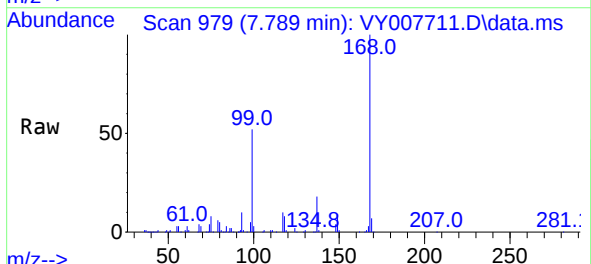
Tgt Ion: 56 Resp: 6005

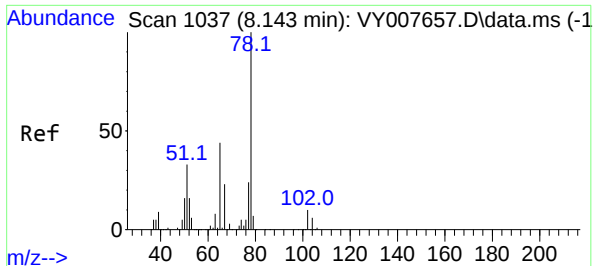
Ion Ratio Lower Upper

56 100

69 110.5 26.7 40.1#

84 114.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.788 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007711.D

Acq: 03 Mar 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

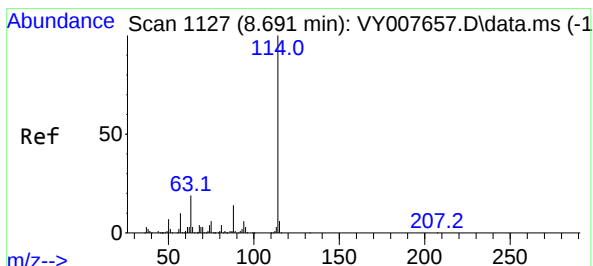
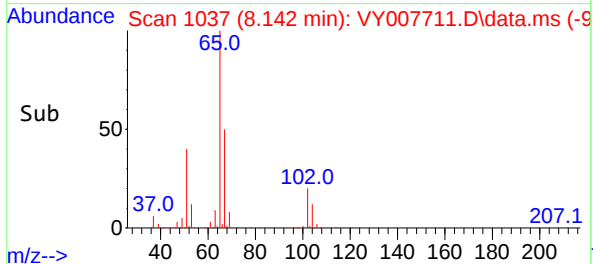
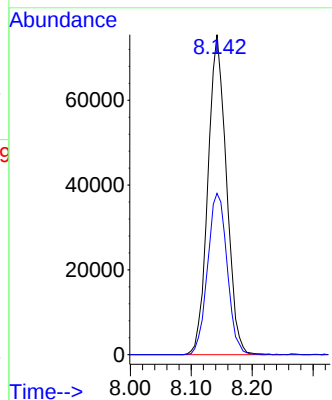
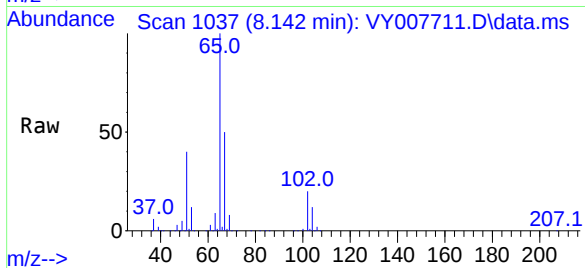
DISP-2

Tgt Ion: 65 Resp: 159346

Ion Ratio Lower Upper

65 100

67 53.2 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: VY007711.D

Acq: 03 Mar 2022 17:52

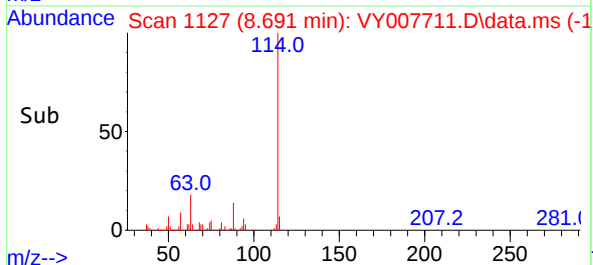
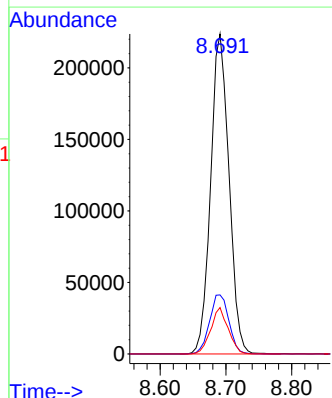
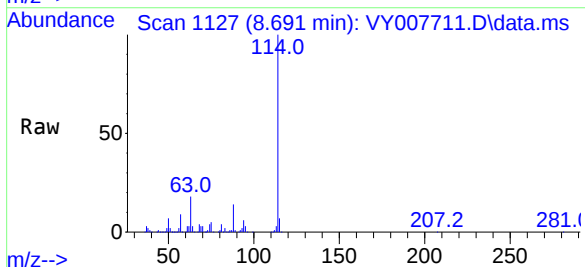
Tgt Ion: 114 Resp: 434305

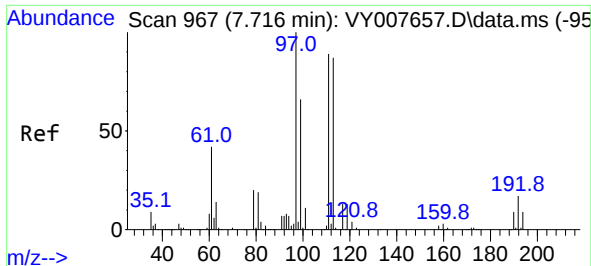
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.5 0.0 31.8

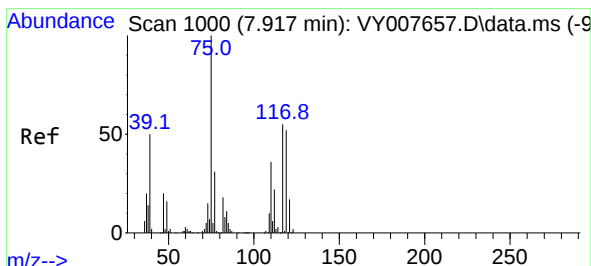
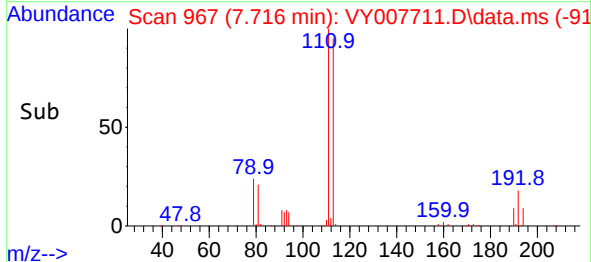
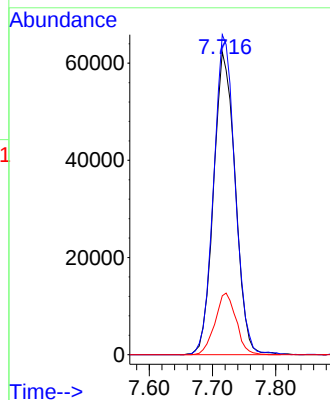
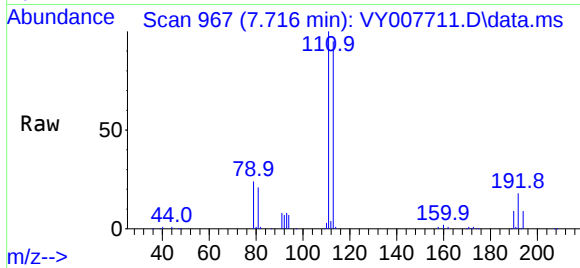




#35
Dibromofluoromethane
Concen: 53.365 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

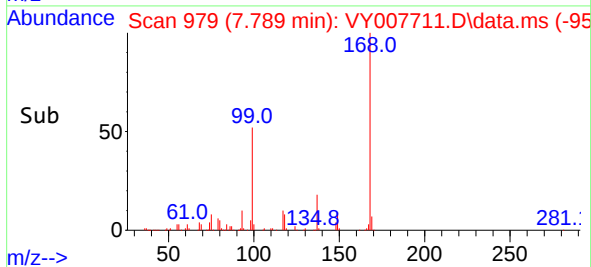
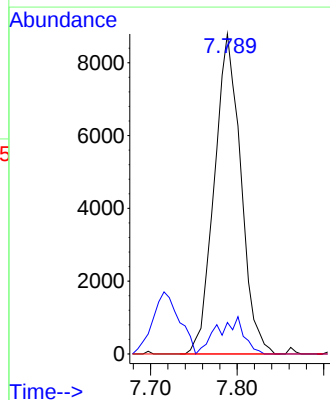
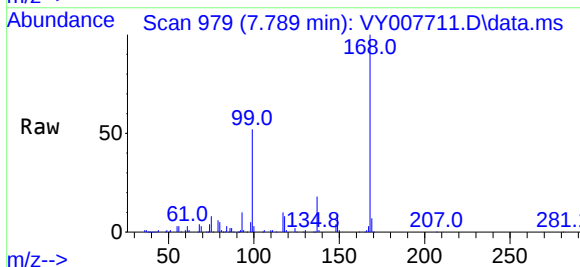
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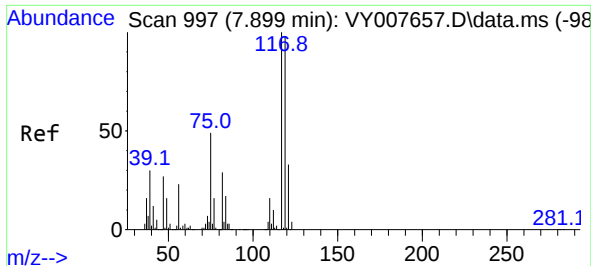
Tgt Ion:113 Resp: 148176
Ion Ratio Lower Upper
113 100
111 104.4 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.273 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

Tgt Ion: 75 Resp: 18665
Ion Ratio Lower Upper
75 100
110 4.6 17.1 51.2#
77 0.0 24.4 36.6#

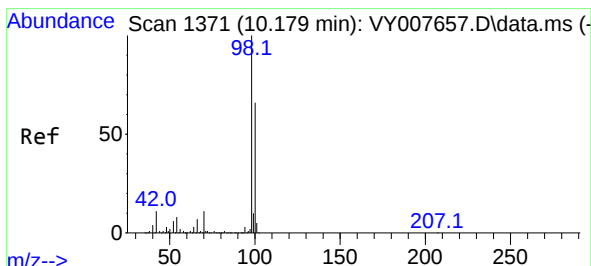
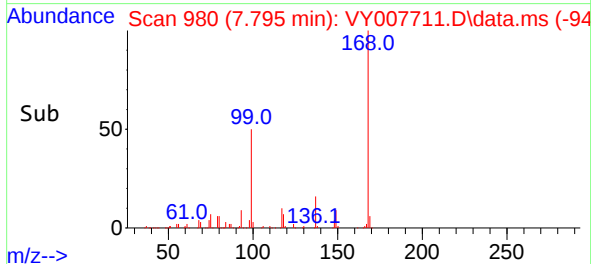
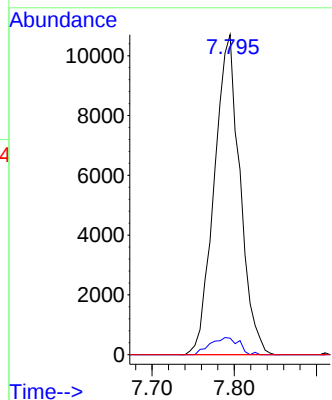
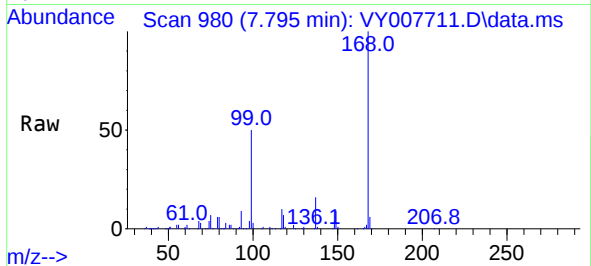




#38
Carbon Tetrachloride
Concen: 4.984 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

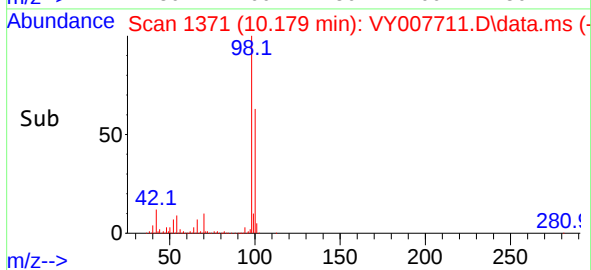
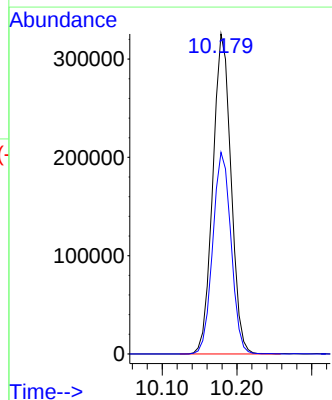
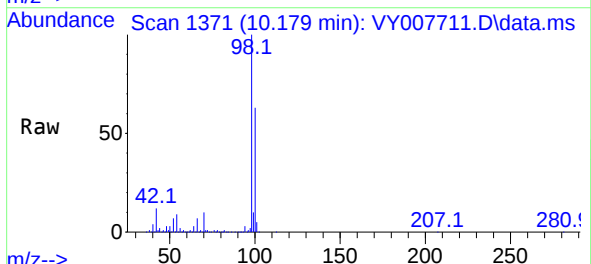
Instrument :
MSVOA_Y
ClientSampleId :
DISP-2

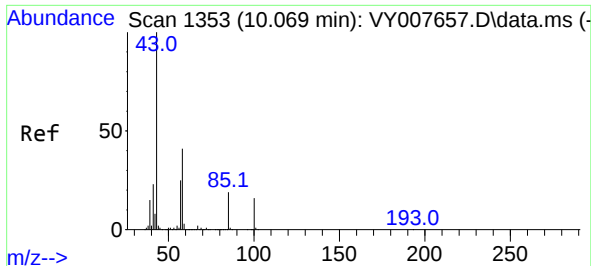
Tgt Ion:117 Resp: 23224
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.912 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

Tgt Ion: 98 Resp: 551036
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2

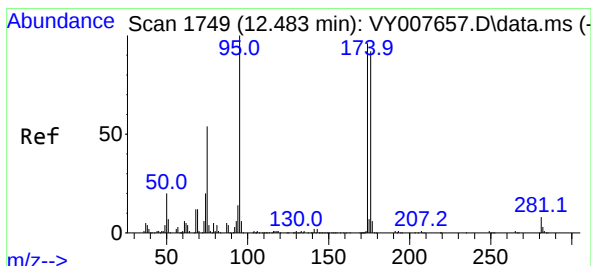
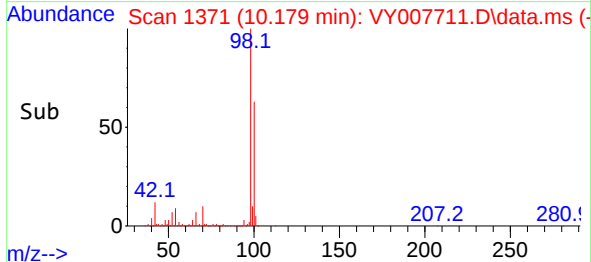
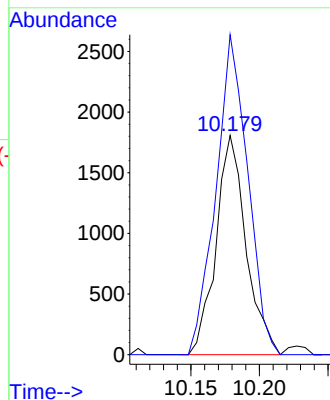
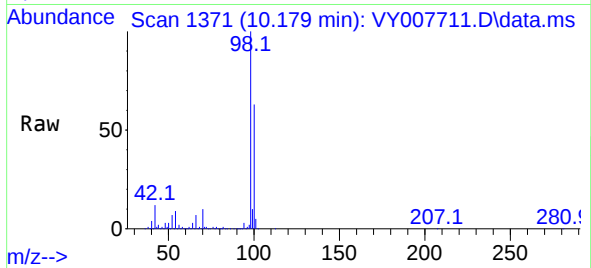




#51
4-Methyl-2-Pentanone
Concen: 1.155 ug/l
RT: 10.179 min Scan# 1353
Delta R.T. 0.110 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

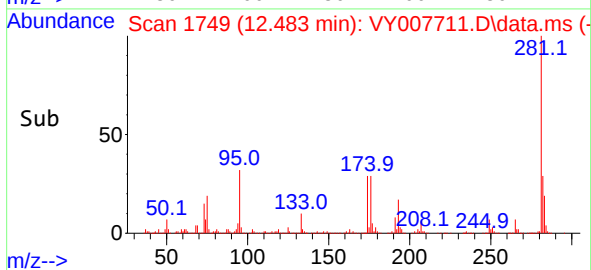
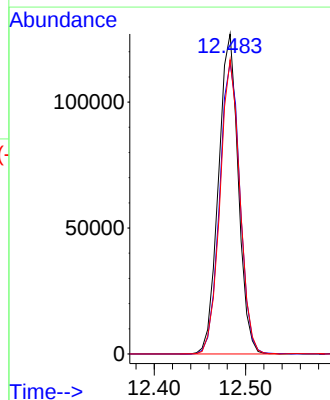
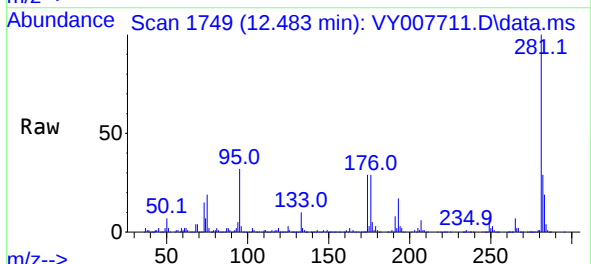
Instrument :
MSVOA_Y
ClientSampleId :
DISP-2

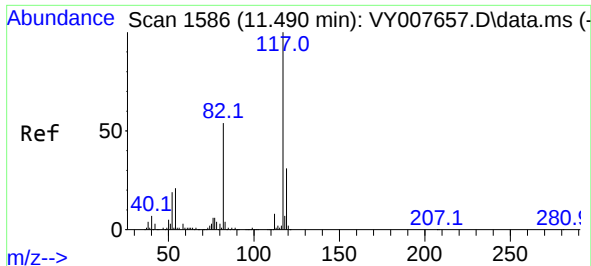
Tgt Ion: 43 Resp: 2757
Ion Ratio Lower Upper
43 100
58 154.5 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 57.941 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

Tgt Ion: 95 Resp: 190896
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 92.1 0.0 175.8

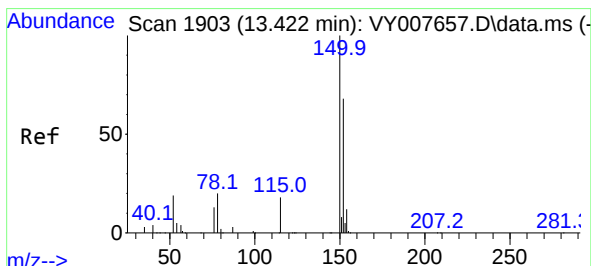
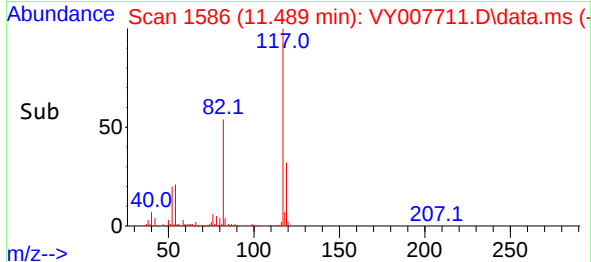
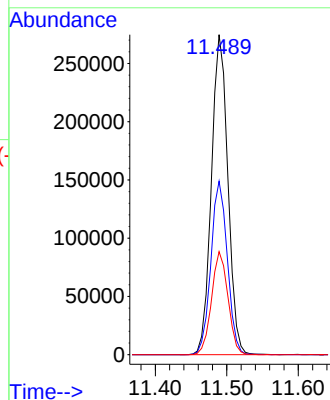
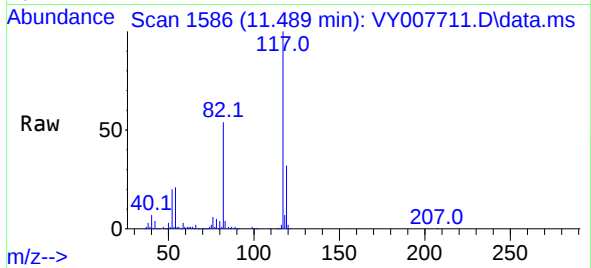




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

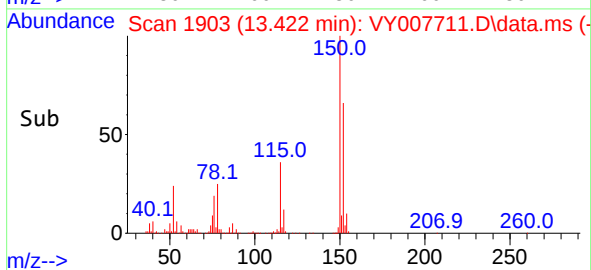
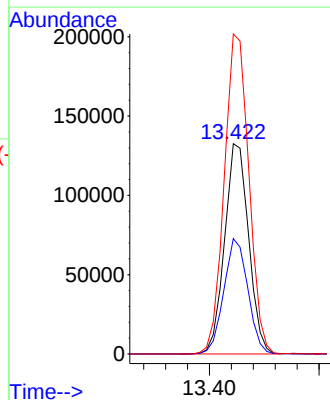
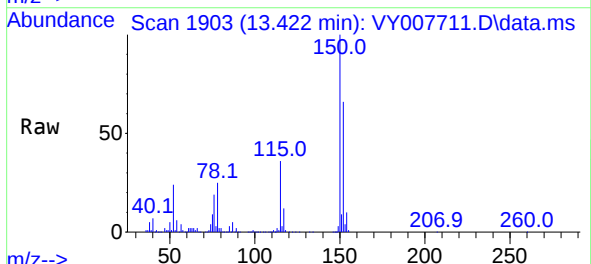
Instrument :
MSVOA_Y
ClientSampleId :
DISP-2

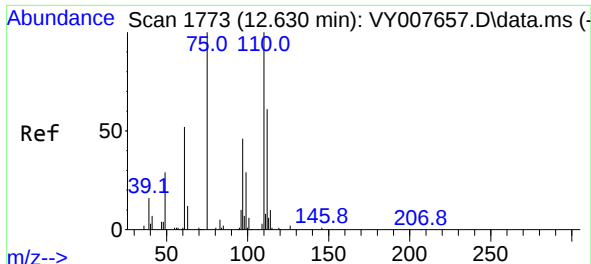
Tgt Ion:117 Resp: 438926
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

Tgt Ion:152 Resp: 201856
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 155.9 0.0 347.6

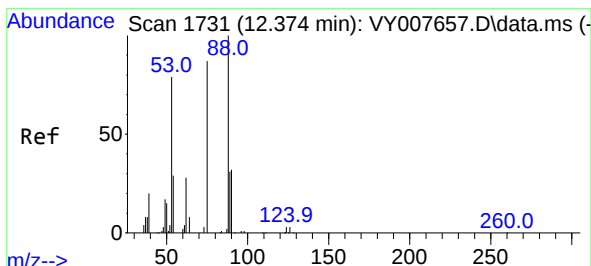
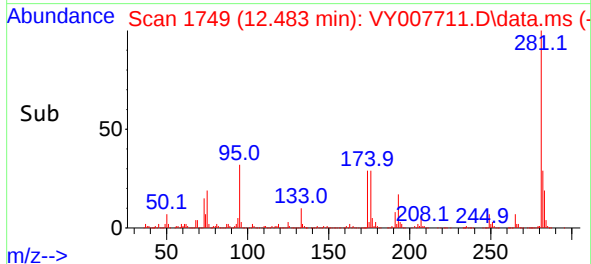
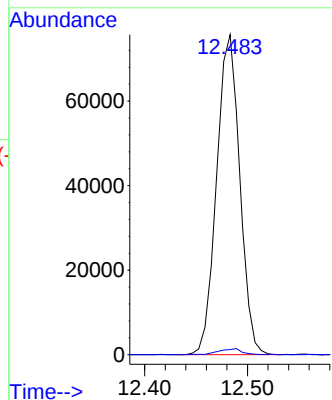
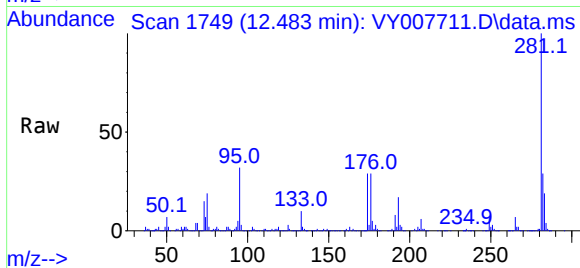




#76
1,2,3-Trichloropropane
Concen: 52.479 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

Instrument :
MSVOA_Y
ClientSampleId :
DISP-2

Tgt Ion: 75 Resp: 118302
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.287 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007711.D
Acq: 03 Mar 2022 17:52

Tgt Ion: 75 Resp: 118302
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 3.5 37.0 55.4#

