

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007707.D
 Acq On : 03 Mar 2022 16:18
 Operator : SY/MD
 Sample : N1759-03
 Misc : 6.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 00:42:16 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)

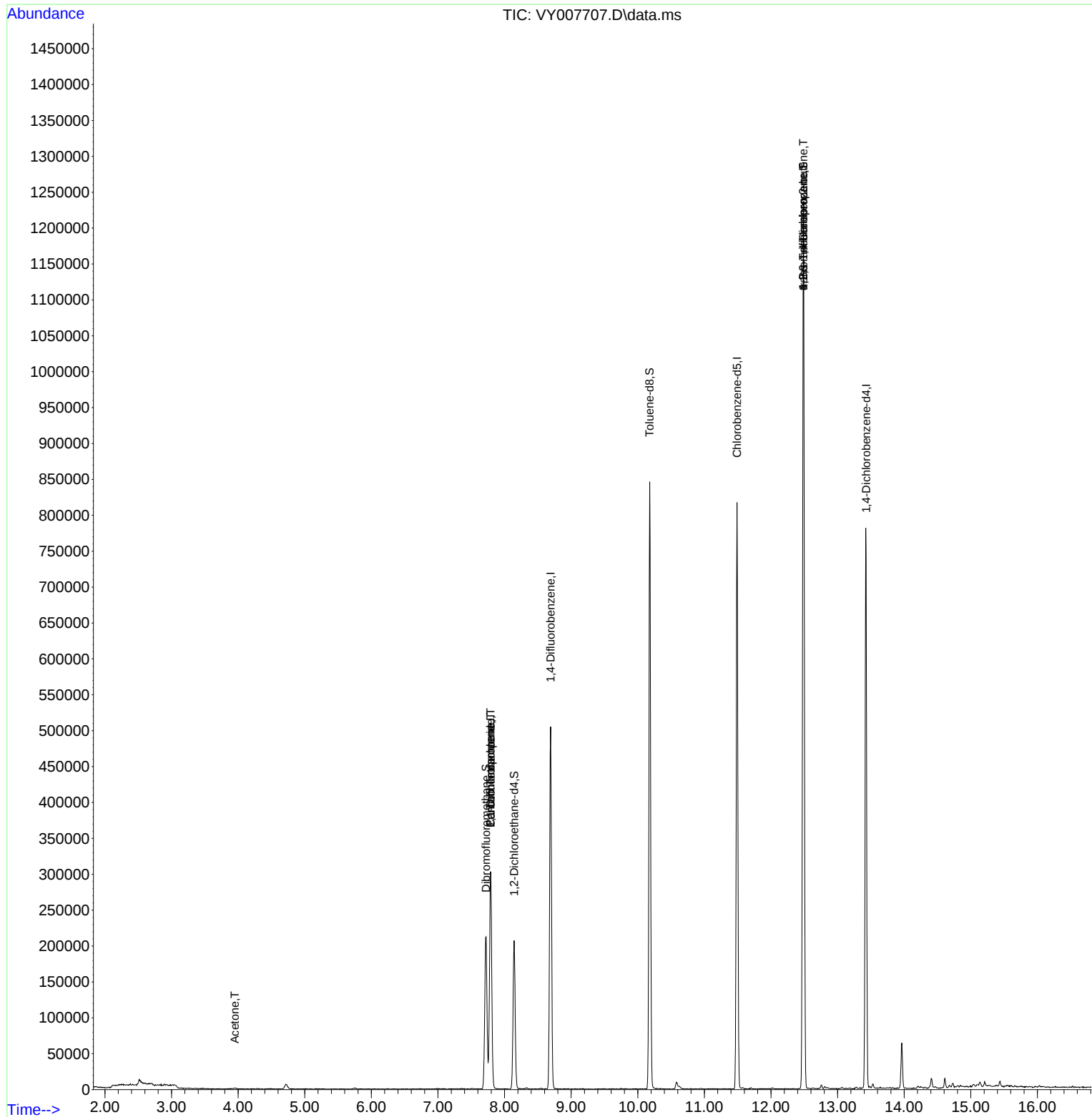
Internal Standards						
1) Pentafluorobenzene	7.789	168	239437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	435057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	434856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	155926	62.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.400%	
35) Dibromofluoromethane	7.722	113	146732	52.754	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.500%	
50) Toluene-d8	10.179	98	545701	53.298	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.600%	
62) 4-Bromofluorobenzene	12.483	95	178613	54.119	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.240%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.918	85	47	Below Cal	#	43
3) Chloromethane	2.113	50	1437	Below Cal		97
13) Acrolein	3.735	56	44	Below Cal	#	1
16) Acetone	3.948	43	1939	3.802	ug/l	92
18) Methyl Acetate	4.491	43	726	Below Cal	#	56
20) Methylene Chloride	4.716	84	4416	Below Cal		91
31) Cyclohexane	7.795	56	5427	Below Cal	#	16
36) 1,1-Dichloropropene	7.789	75	18130	4.144	ug/l #	51
38) Carbon Tetrachloride	7.789	117	24257	5.197	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	106282	48.253	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	106282	98.648	ug/l #	8

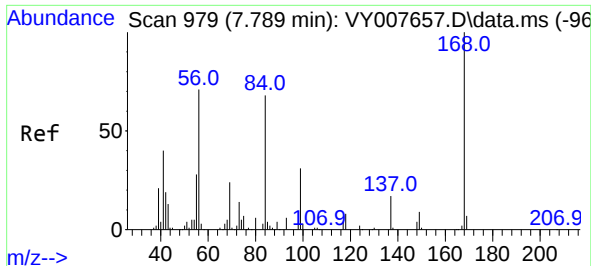
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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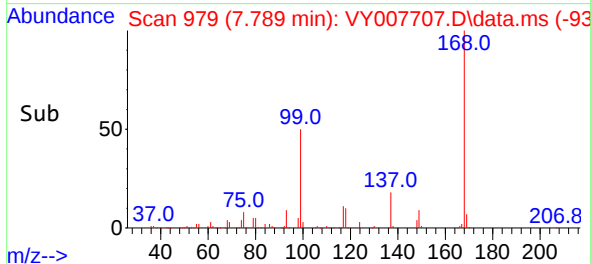
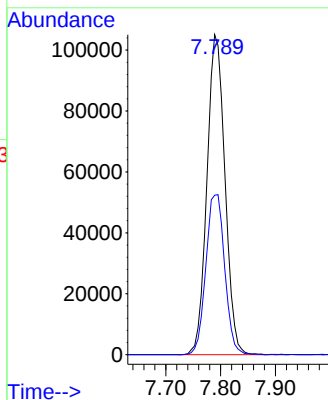
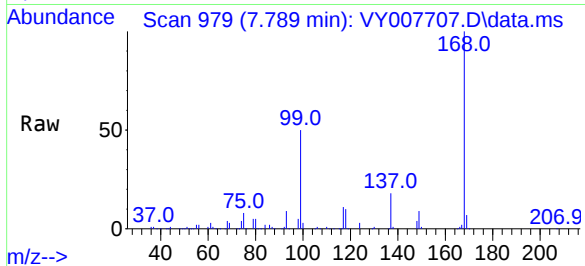




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18

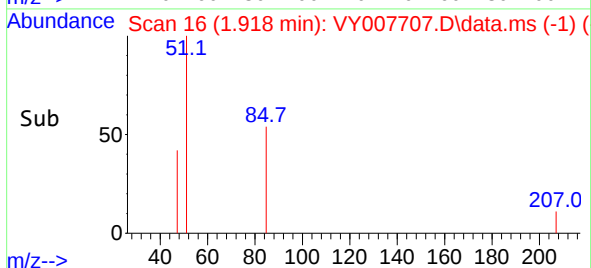
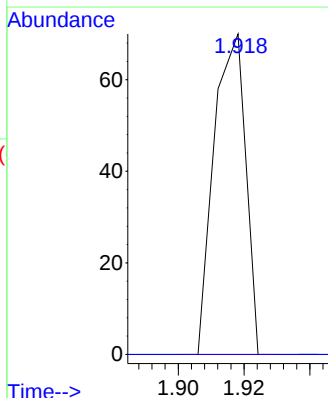
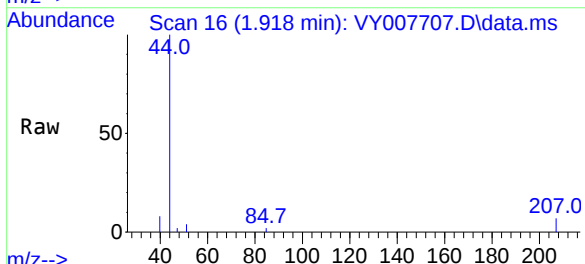
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 239437
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3

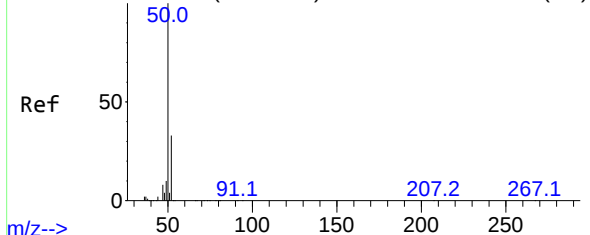


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.918 min Scan# 16
Delta R.T. 0.012 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18

Tgt Ion: 85 Resp: 47
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: VY007707.D

Acq: 03 Mar 2022 16:18

Instrument :

MSVOA_Y

ClientSampleId :

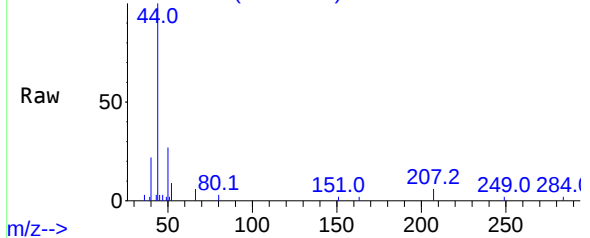
Tgt Ion: 50 Resp: 1437

Ion Ratio Lower Upper

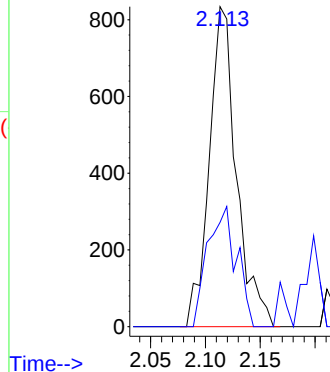
50 100

52 32.6 24.6 37.0

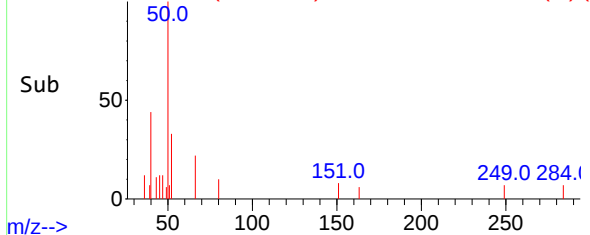
Abundance Scan 48 (2.113 min): VY007707.D\data.ms



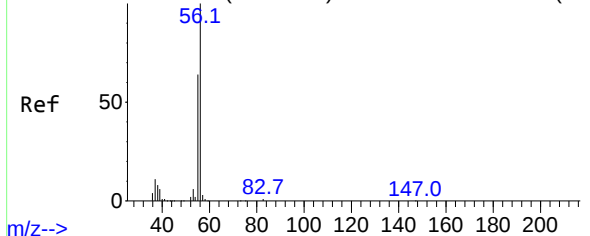
Abundance



Abundance Scan 48 (2.113 min): VY007707.D\data.ms (-1)



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



#13

Acrolein

Concen: Below Cal

RT: 3.735 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY007707.D

Acq: 03 Mar 2022 16:18

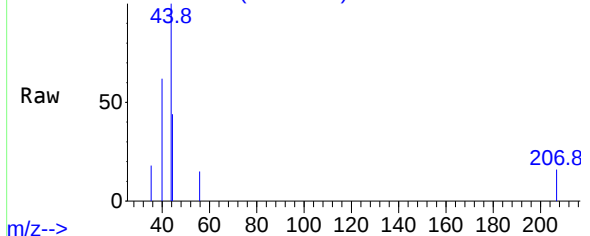
Tgt Ion: 56 Resp: 44

Ion Ratio Lower Upper

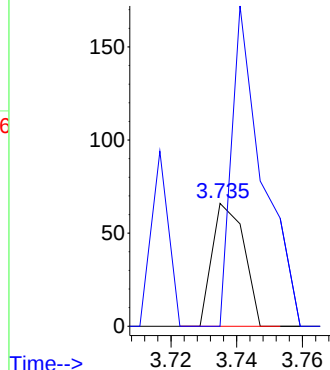
56 100

55 256.8 57.6 86.4#

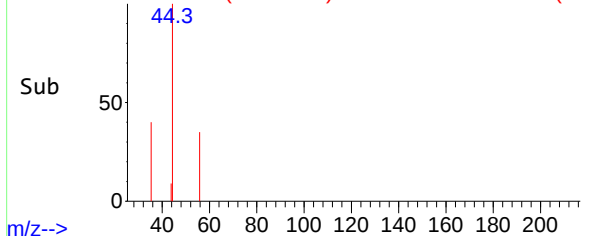
Abundance Scan 314 (3.735 min): VY007707.D\data.ms

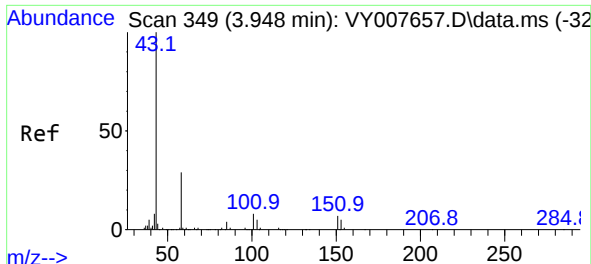


Abundance



Abundance Scan 314 (3.735 min): VY007707.D\data.ms (-26)

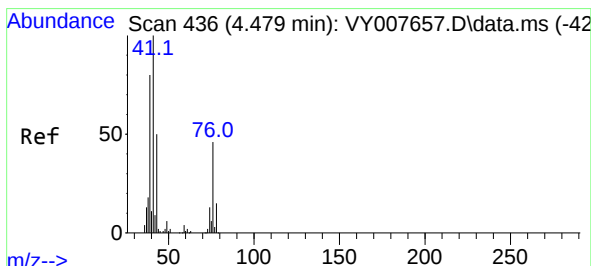
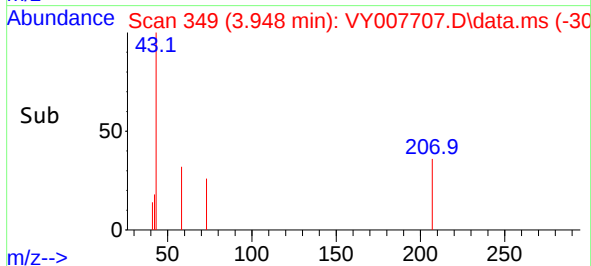
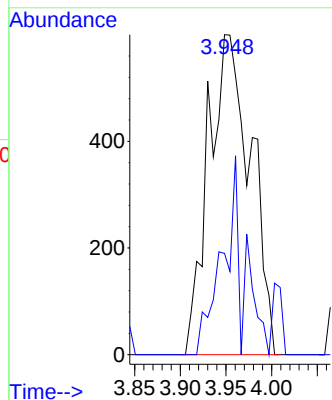
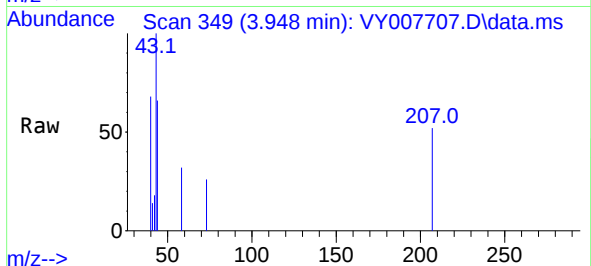




#16
Acetone
Concen: 3.802 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18

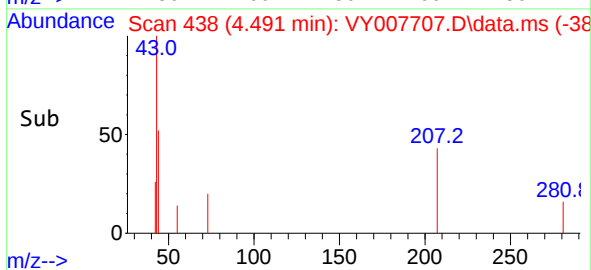
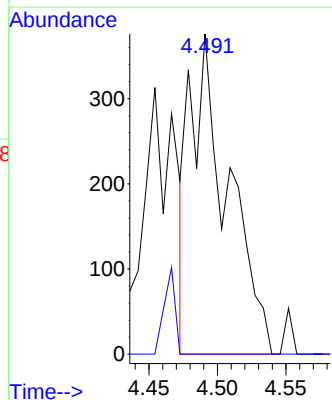
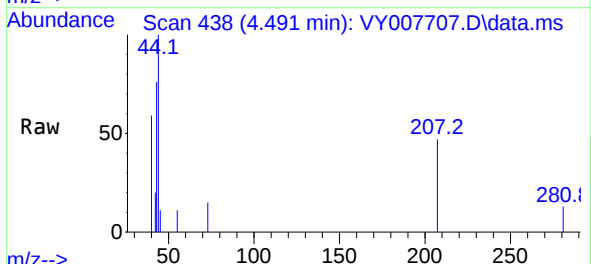
Instrument :
MSVOA_Y
ClientSampleId :

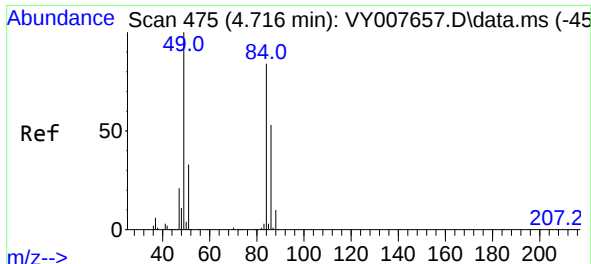
Tgt Ion: 43 Resp: 1939
Ion Ratio Lower Upper
43 100
58 31.7 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18

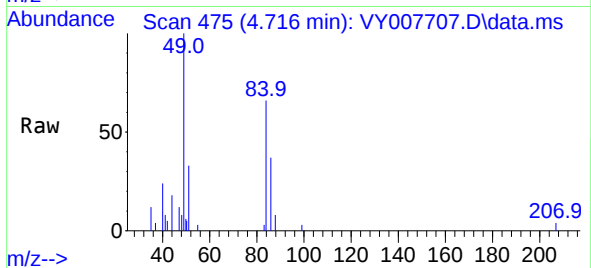
Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



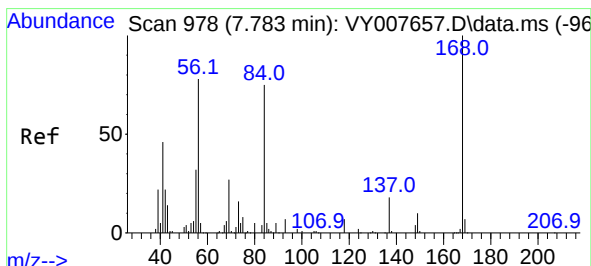
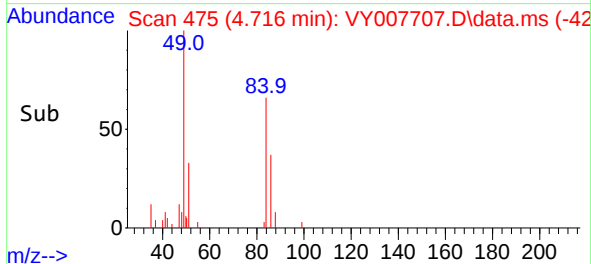
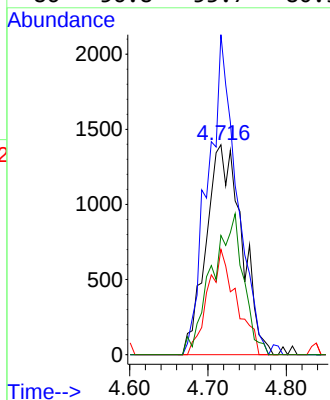


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :

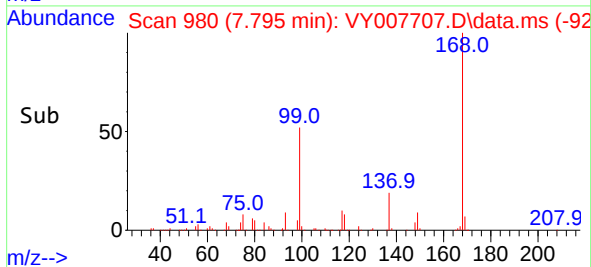
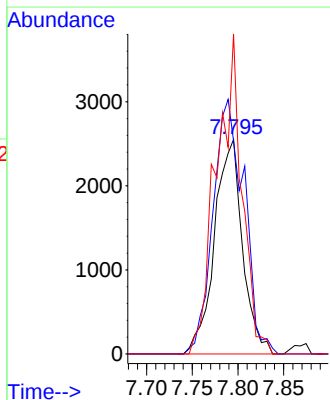
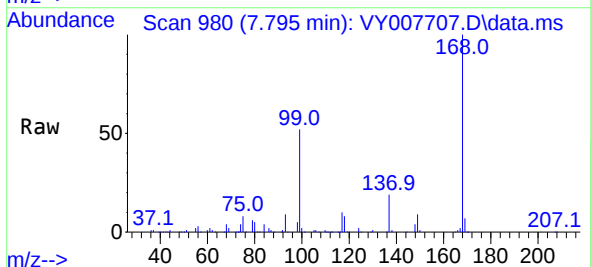


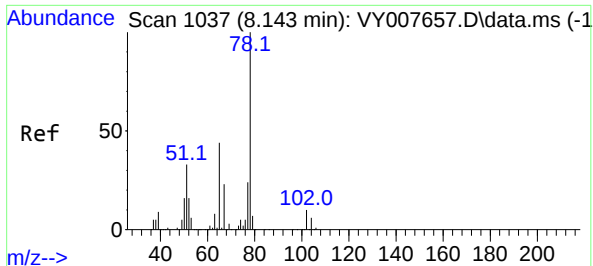
Tgt Ion: 84 Resp: 4416
Ion Ratio Lower Upper
84 100
49 152.5 114.4 171.6
51 50.2 35.3 52.9
86 56.8 53.7 80.5



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18

Tgt Ion: 56 Resp: 5427
Ion Ratio Lower Upper
56 100
69 99.3 26.7 40.1#
84 149.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 62.204 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007707.D

Acq: 03 Mar 2022 16:18

Instrument :

MSVOA_Y

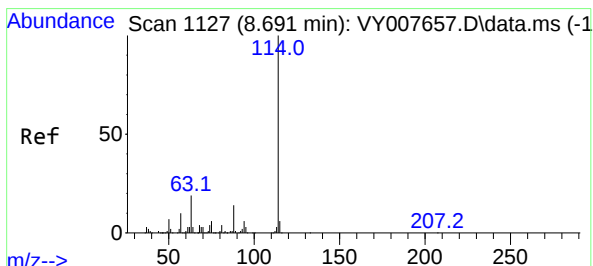
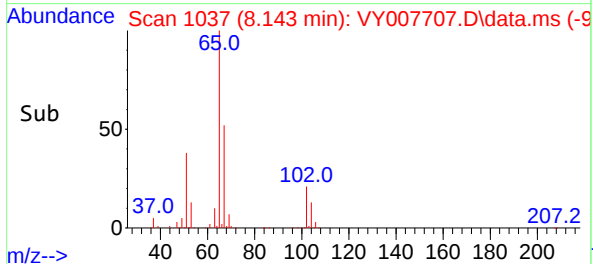
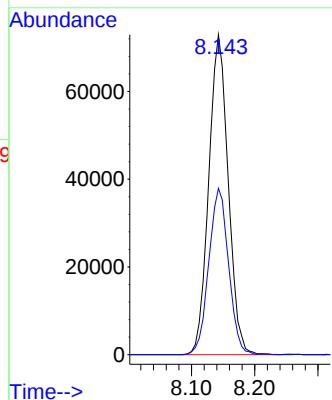
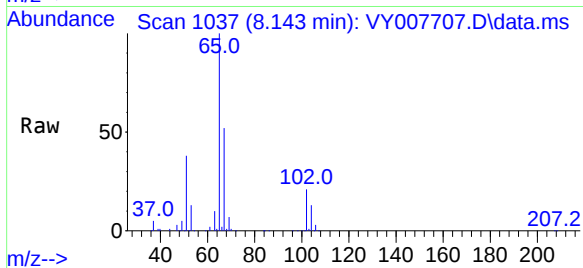
ClientSampleId :

Tgt Ion: 65 Resp: 155926

Ion Ratio Lower Upper

65 100

67 53.0 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: VY007707.D

Acq: 03 Mar 2022 16:18

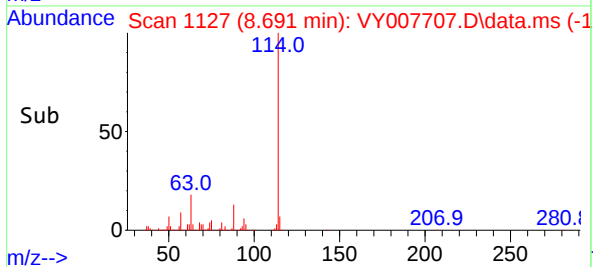
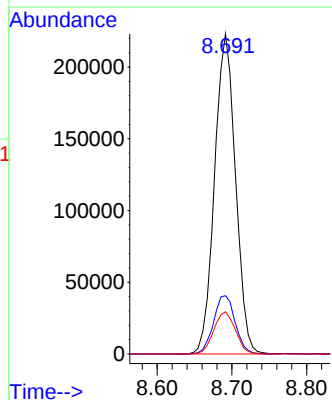
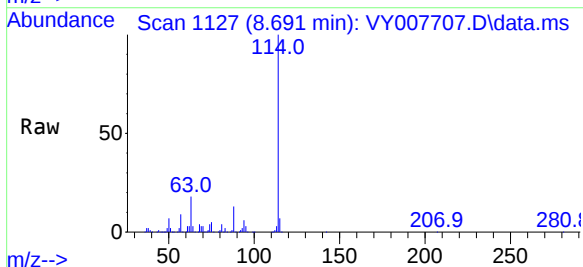
Tgt Ion: 114 Resp: 435057

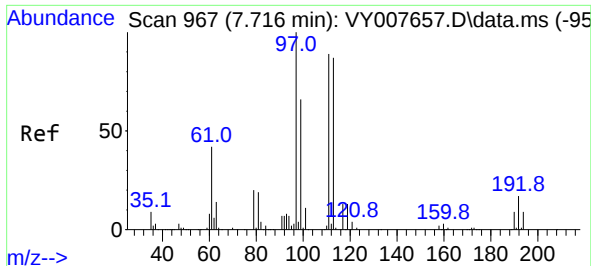
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

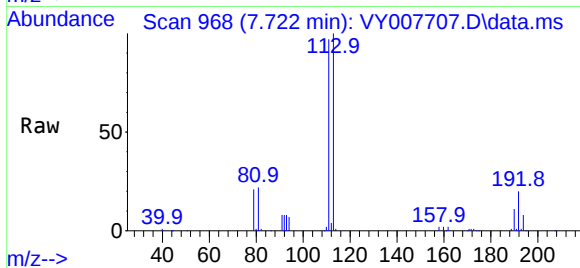
88 13.2 0.0 31.8



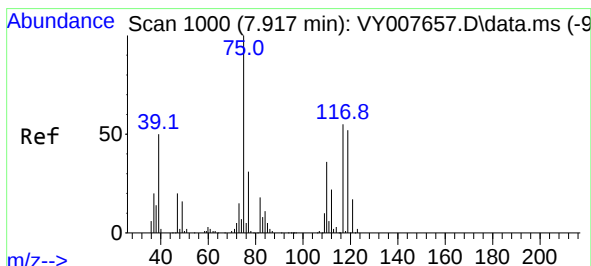
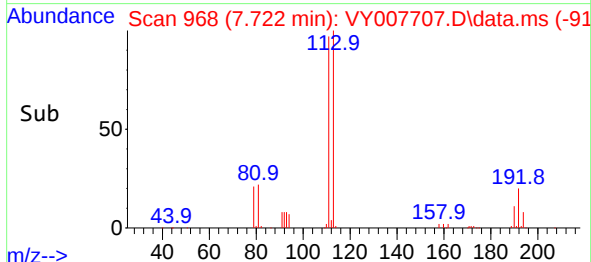
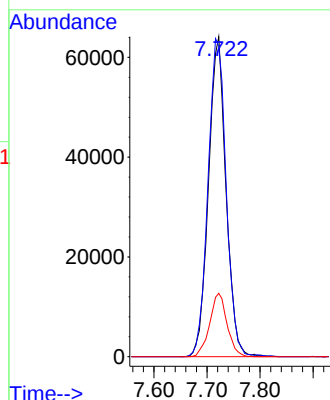


#35
Dibromofluoromethane
Concen: 52.754 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :

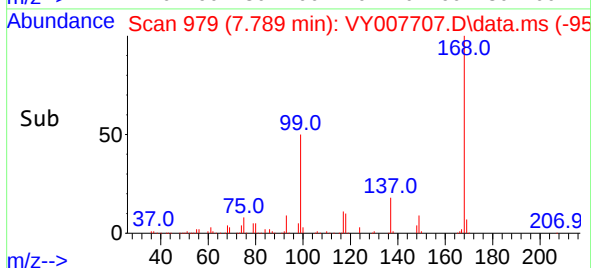
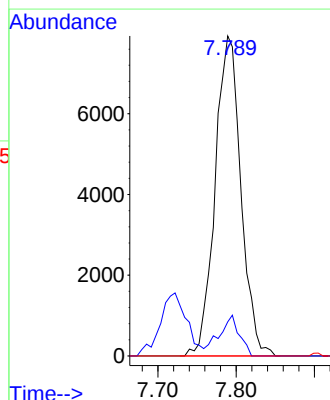
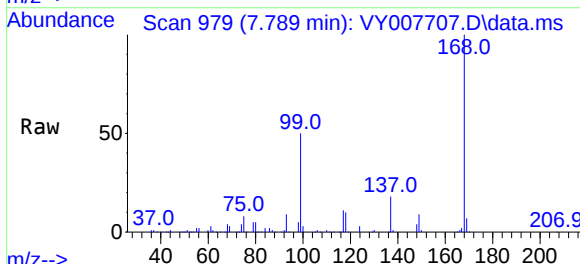


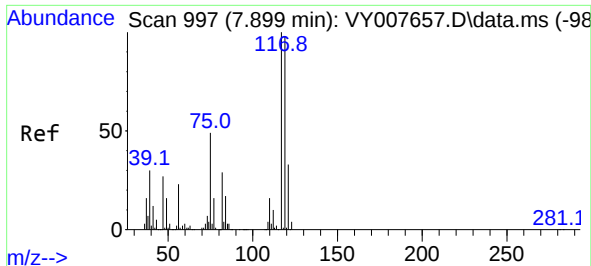
Tgt Ion:113 Resp: 146732
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 19.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.144 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18

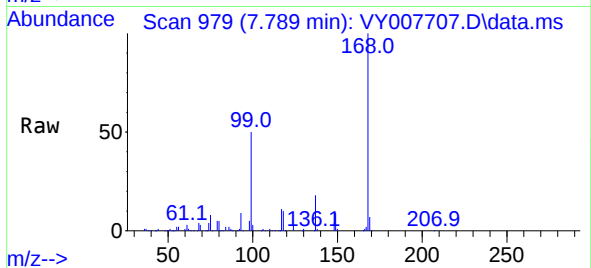
Tgt Ion: 75 Resp: 18130
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#



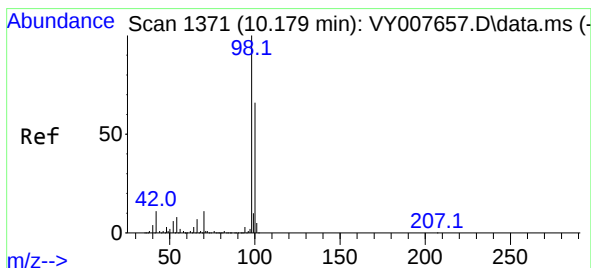
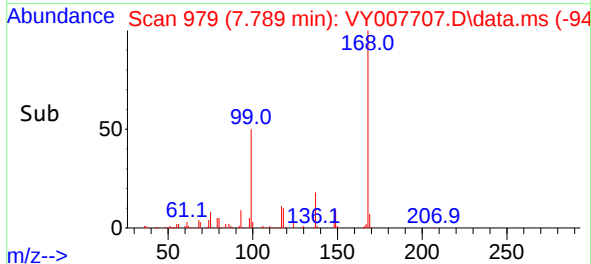
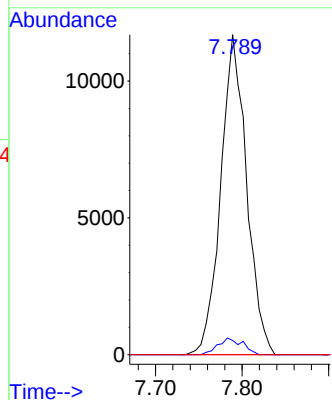


#38
Carbon Tetrachloride
Concen: 5.197 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :

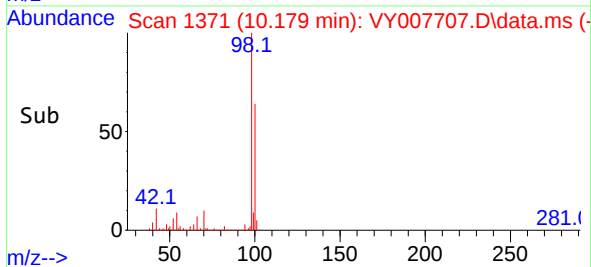
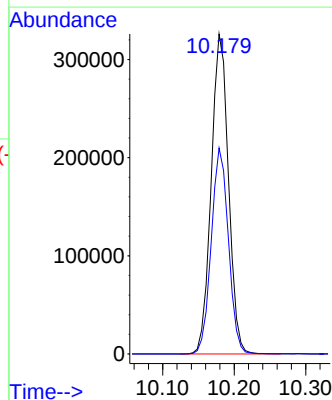
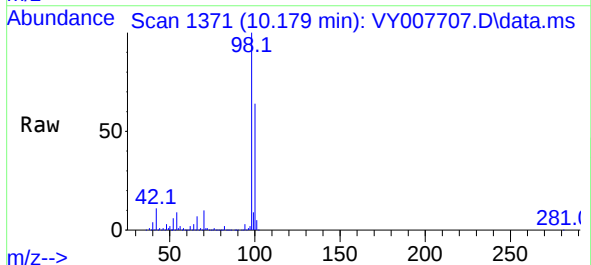


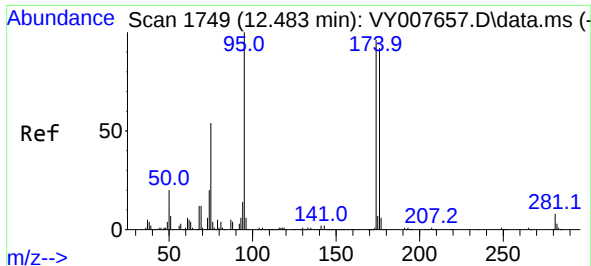
Tgt Ion:117 Resp: 24257
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.298 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18

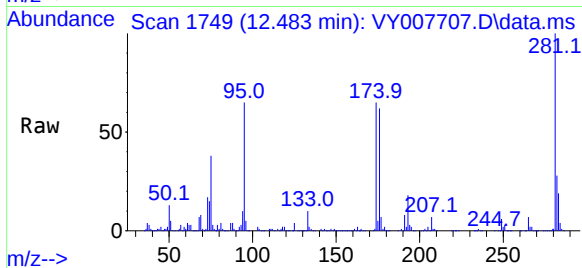
Tgt Ion: 98 Resp: 545701
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



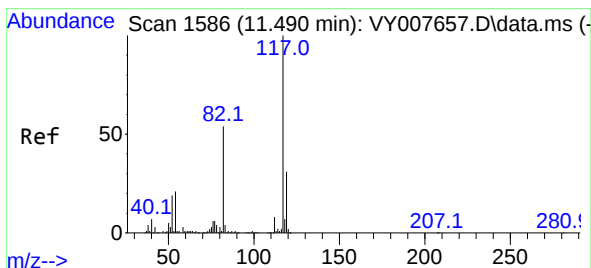
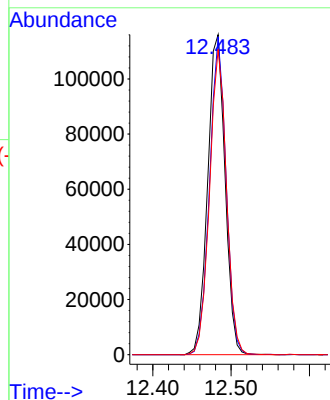
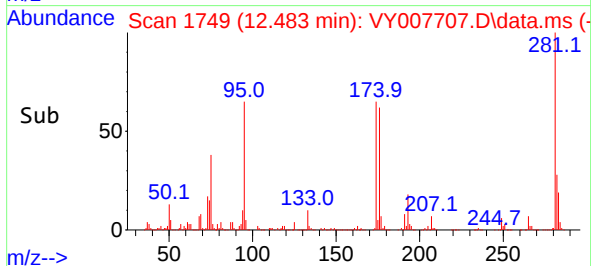


#62
4-Bromofluorobenzene
Concen: 54.119 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18

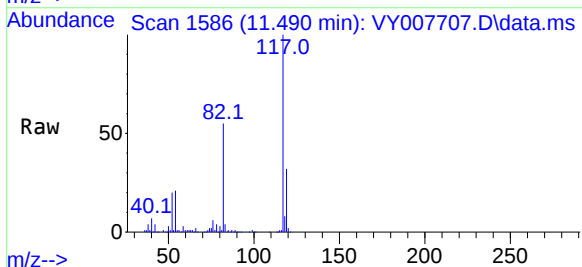
Instrument :
MSVOA_Y
ClientSampleId :



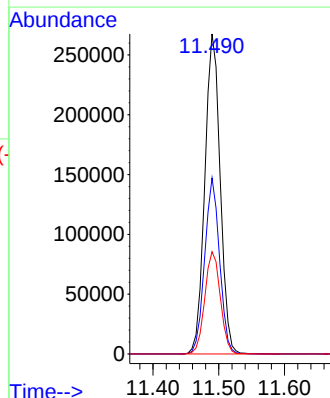
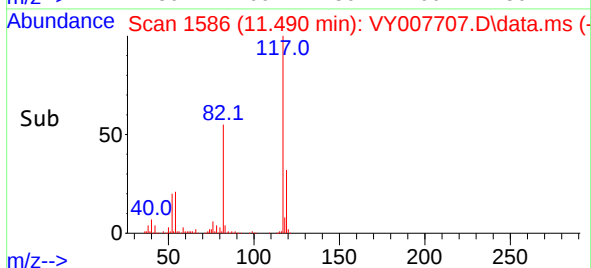
Tgt Ion: 95 Resp: 178613
Ion Ratio Lower Upper
95 100
174 94.4 0.0 177.0
176 92.6 0.0 175.8

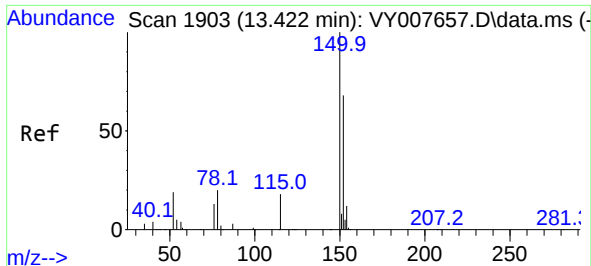


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18



Tgt Ion: 117 Resp: 434856
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.0 25.4 38.0



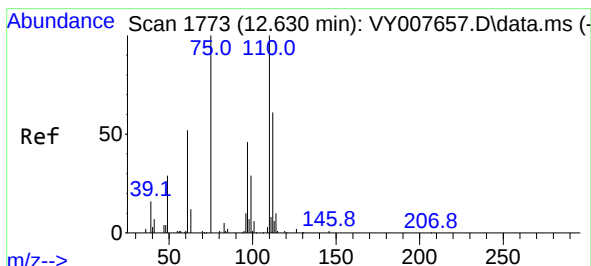
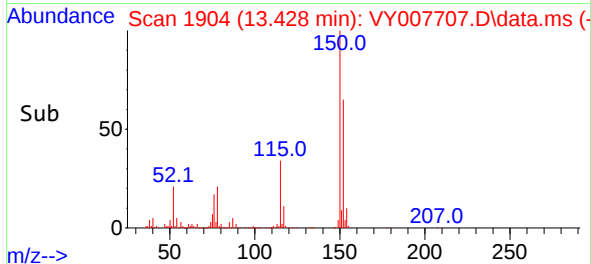
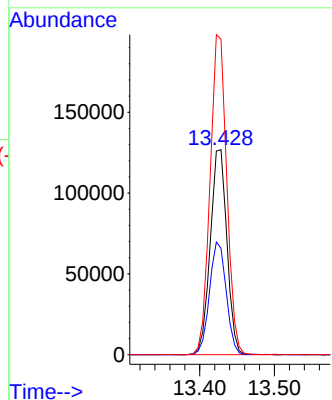
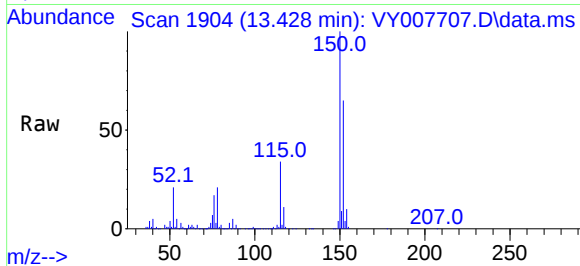


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007707.D
 Acq: 03 Mar 2022 16:18

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 197229

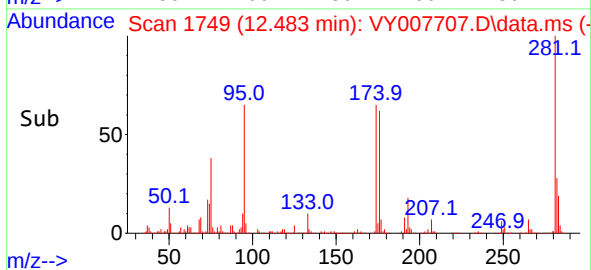
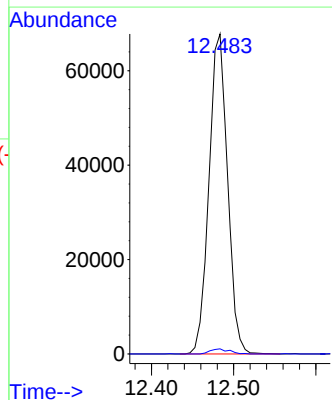
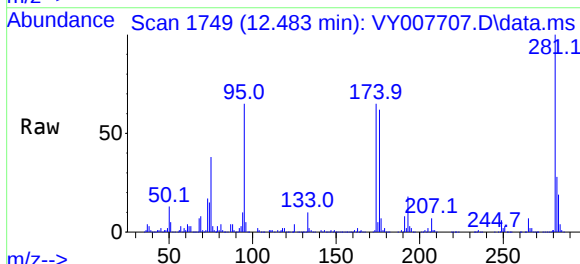
Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.2	84.7
150	155.7	0.0	347.6

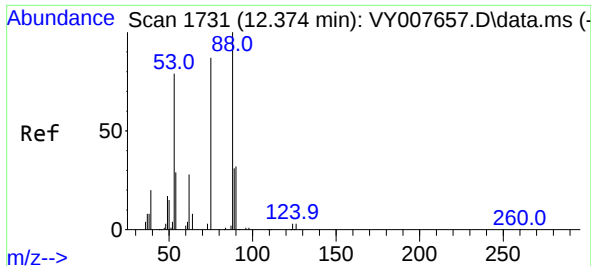


#76
 1,2,3-Trichloropropane
 Concen: 48.253 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007707.D
 Acq: 03 Mar 2022 16:18

Tgt Ion: 75 Resp: 106282

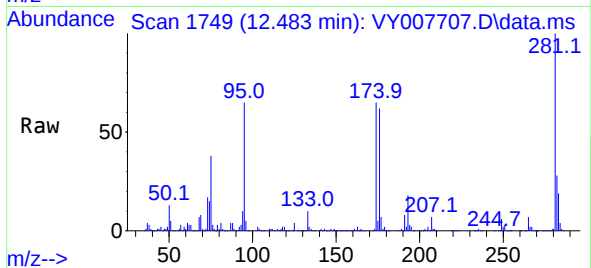
Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.648 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007707.D
Acq: 03 Mar 2022 16:18

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 106282
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 1.7 37.0 55.4#

