

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007709.D
 Acq On : 03 Mar 2022 17:05
 Operator : SY/MD
 Sample : N1759-07
 Misc : 6.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 00:42:36 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)

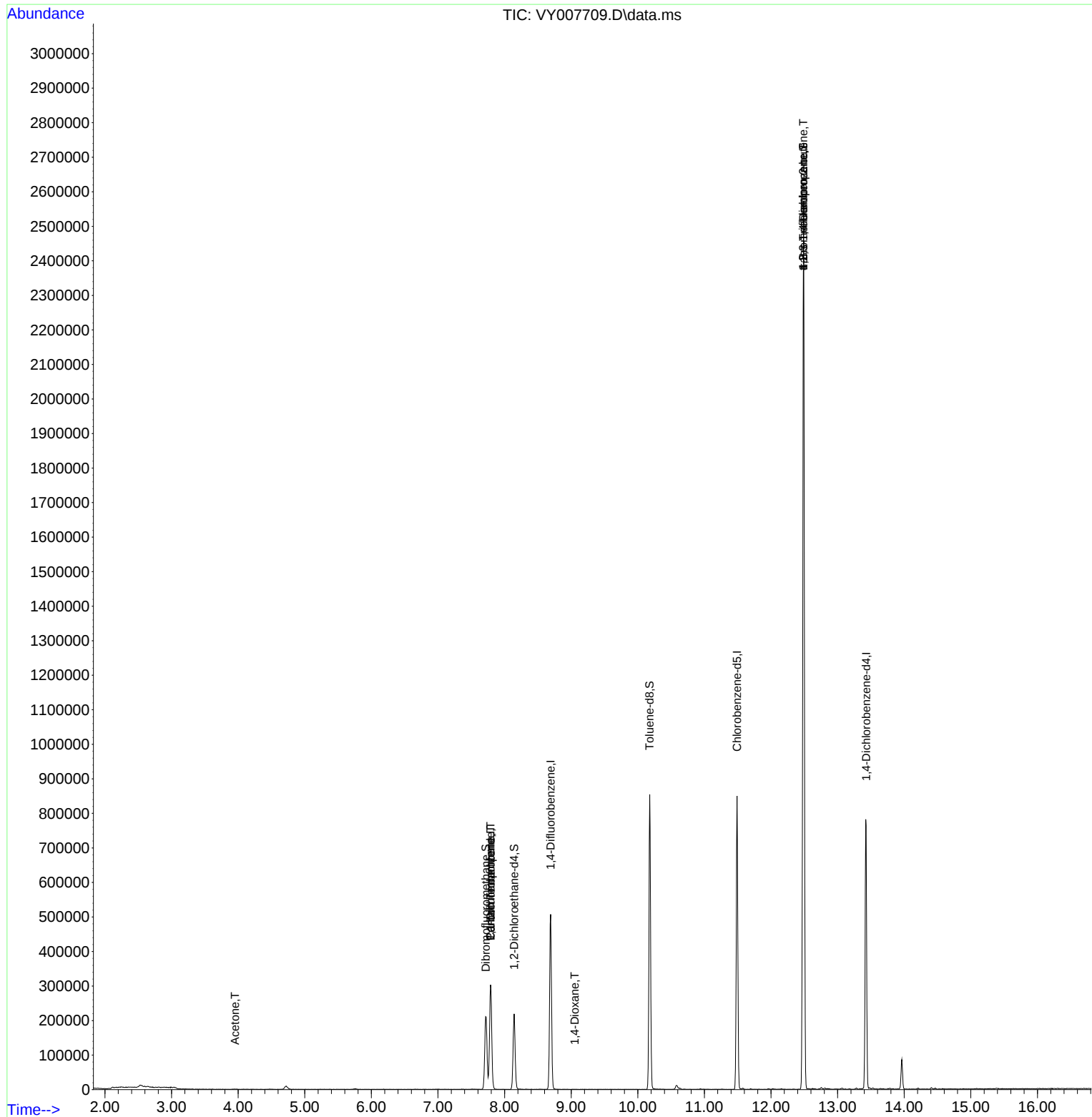
Internal Standards						
1) Pentafluorobenzene	7.789	168	239274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	437994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	440332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	159324	63.603	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.200%	
35) Dibromofluoromethane	7.716	113	150140	53.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.240%	
50) Toluene-d8	10.179	98	553893	53.735	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.480%	
62) 4-Bromofluorobenzene	12.483	95	190205	57.245	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.480%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	75	Below Cal	#	43
3) Chloromethane	2.113	50	1369	Below Cal	#	76
16) Acetone	3.954	43	1335	2.620	ug/l	95
18) Methyl Acetate	4.485	43	1118	Below Cal	#	66
20) Methylene Chloride	4.722	84	6595	Below Cal	#	81
31) Cyclohexane	7.789	56	5472	Below Cal	#	26
36) 1,1-Dichloropropene	7.789	75	18626	4.228	ug/l #	52
38) Carbon Tetrachloride	7.789	117	22989	4.892	ug/l #	14
49) 1,4-Dioxane	9.051	88	40	1.741	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	122963	55.239	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	122963	112.930	ug/l #	9

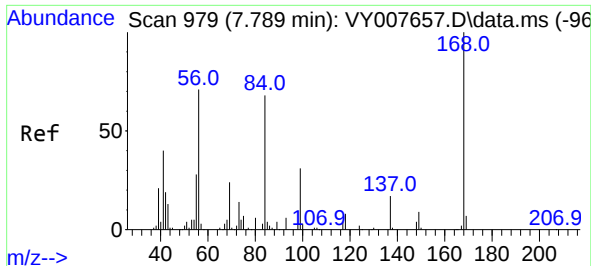
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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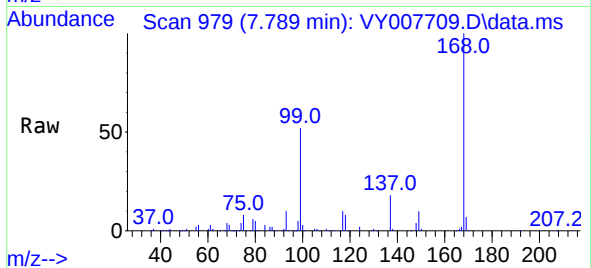
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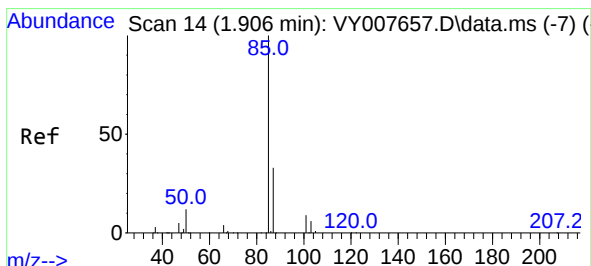
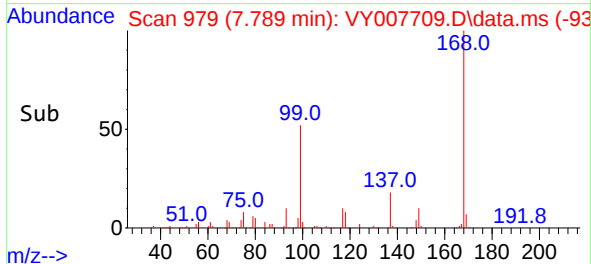
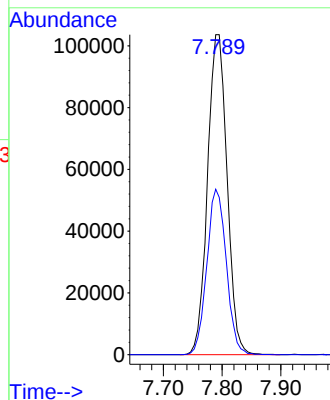


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :

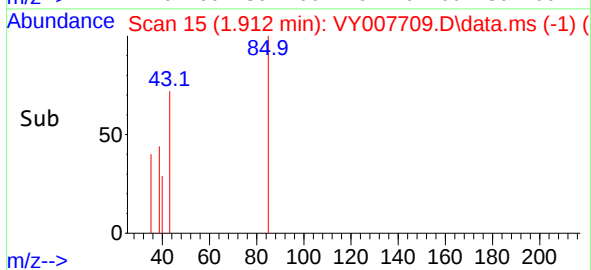
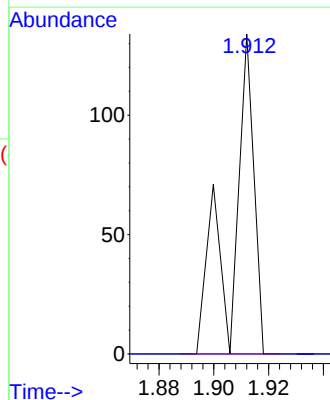
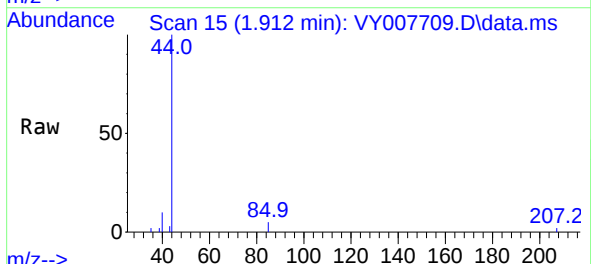


Tgt Ion:168 Resp: 239274
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3

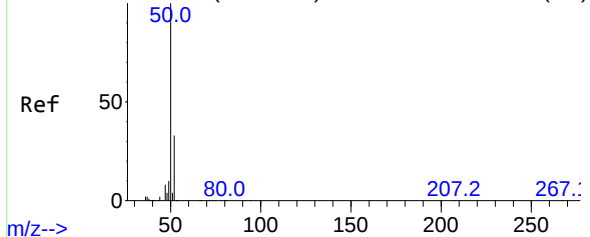


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

Tgt Ion: 85 Resp: 75
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: VY007709.D

Acq: 03 Mar 2022 17:05

Instrument :

MSVOA_Y

ClientSampleId :

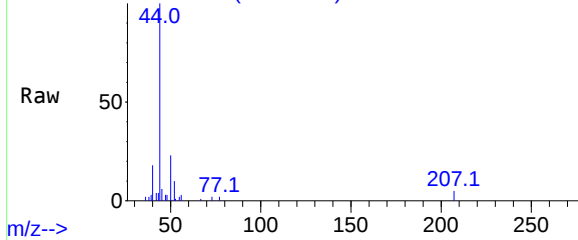
Tgt Ion: 50 Resp: 1369

Ion Ratio Lower Upper

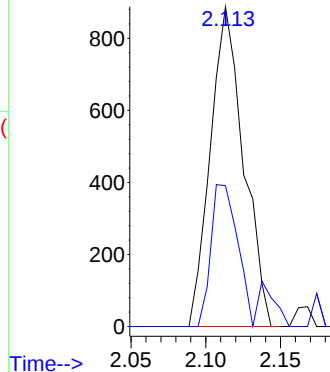
50 100

52 44.0 24.6 37.0#

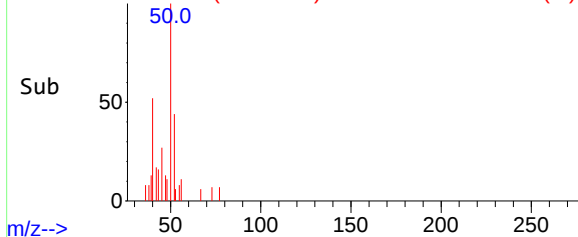
Abundance Scan 48 (2.113 min): VY007709.D\data.ms



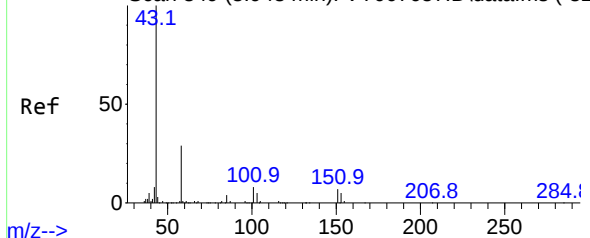
Abundance



Abundance Scan 48 (2.113 min): VY007709.D\data.ms (-1)



Abundance Scan 349 (3.948 min): VY007657.D\data.ms (-32)



#16

Acetone

Concen: 2.620 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY007709.D

Acq: 03 Mar 2022 17:05

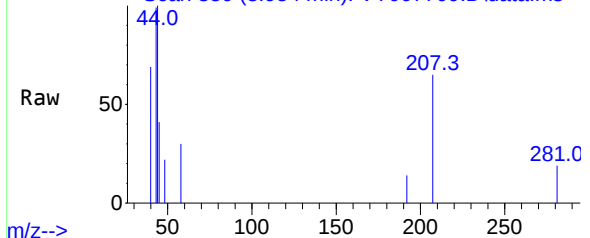
Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

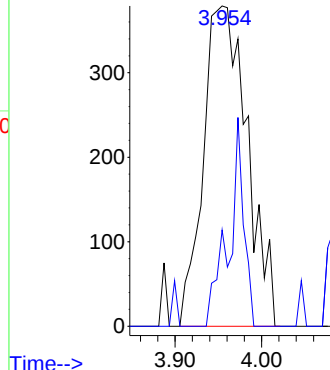
43 100

58 30.1 22.0 33.0

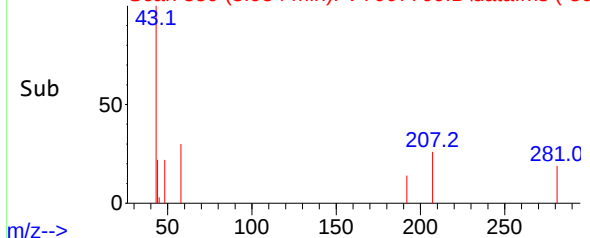
Abundance Scan 350 (3.954 min): VY007709.D\data.ms

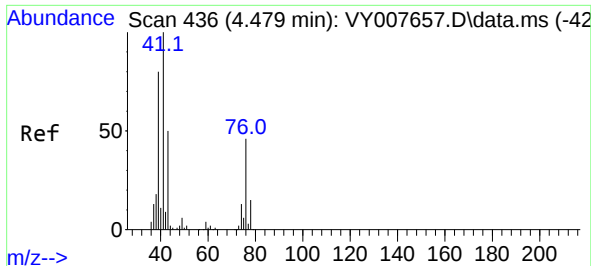


Abundance



Abundance Scan 350 (3.954 min): VY007709.D\data.ms (-30)

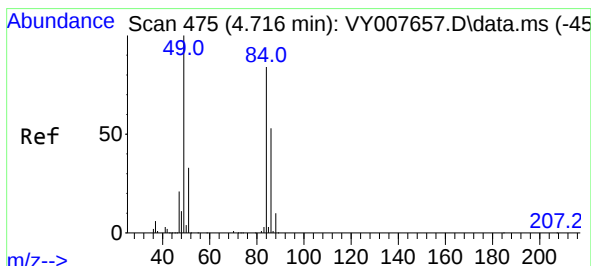
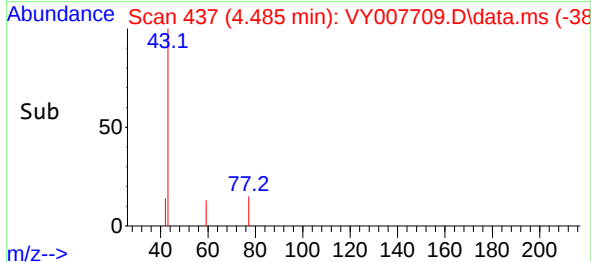
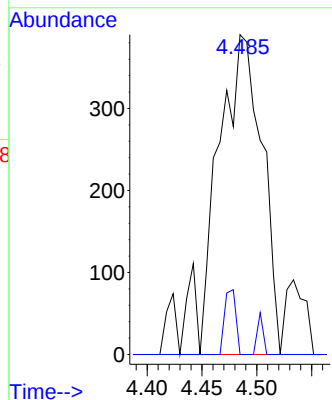
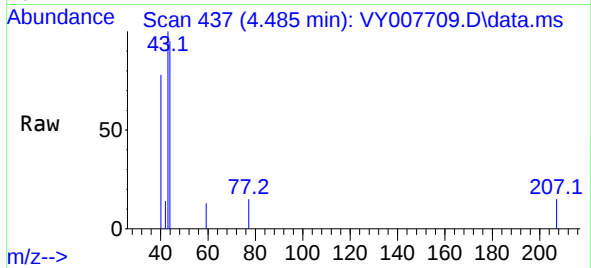




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

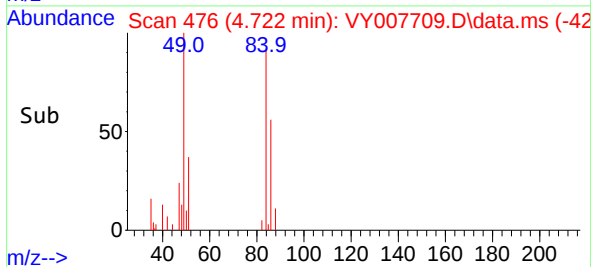
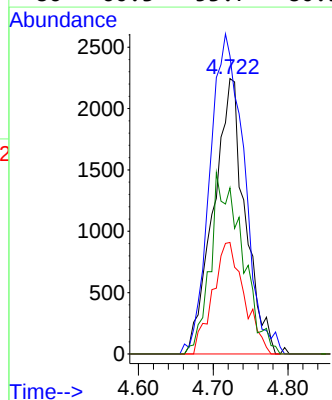
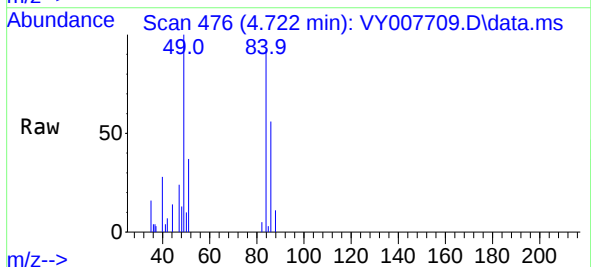
Instrument :
MSVOA_Y
ClientSampleId :

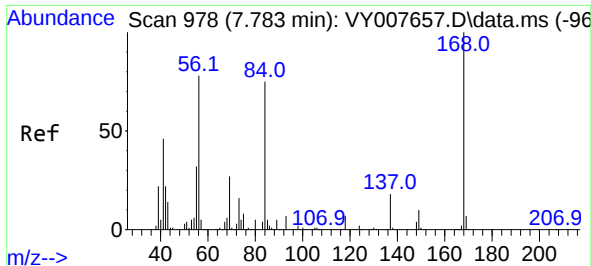
Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
74 5.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

Tgt Ion: 84 Resp: 6595
Ion Ratio Lower Upper
84 100
49 108.2 114.4 171.6#
51 40.5 35.3 52.9
86 60.3 53.7 80.5

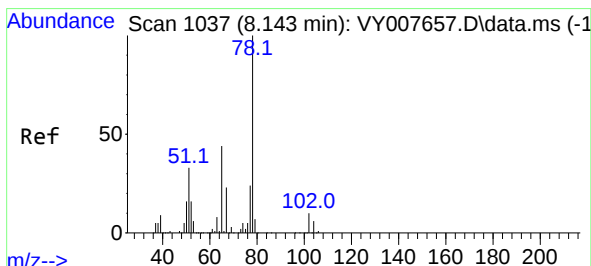
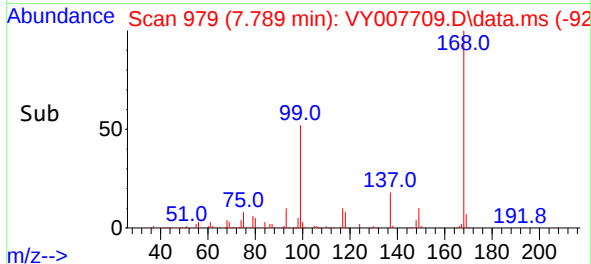
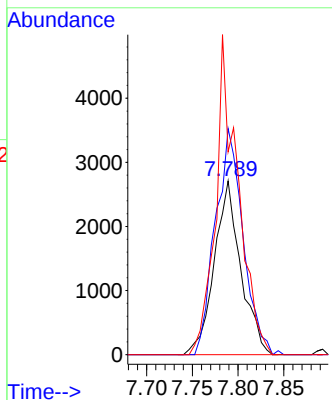
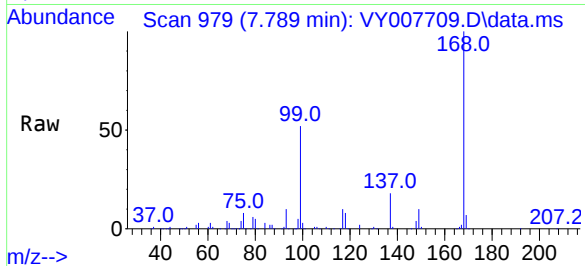




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

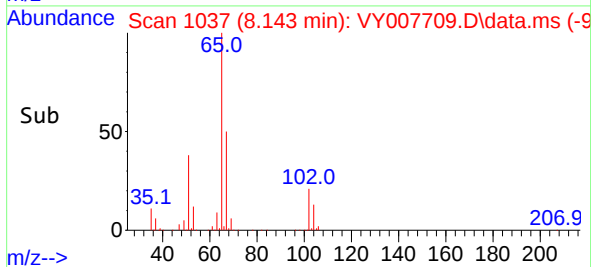
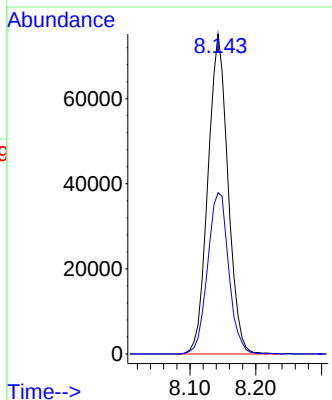
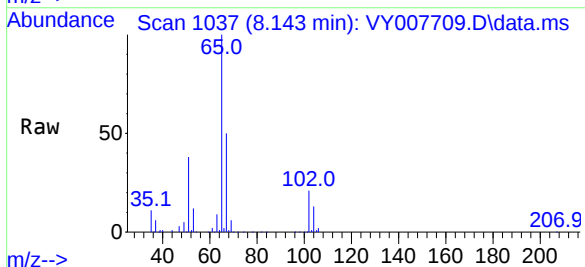
Instrument :
MSVOA_Y
ClientSampleId :

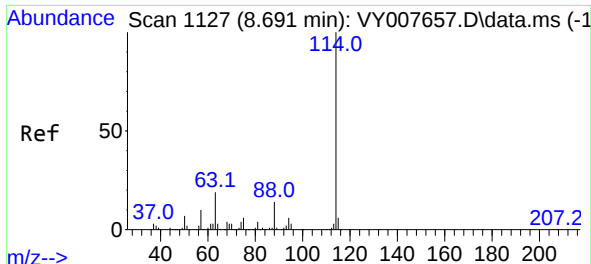
Tgt Ion: 56 Resp: 5472
Ion Ratio Lower Upper
56 100
69 130.1 26.7 40.1#
84 116.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.603 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

Tgt Ion: 65 Resp: 159324
Ion Ratio Lower Upper
65 100
67 53.1 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: VY007709.D

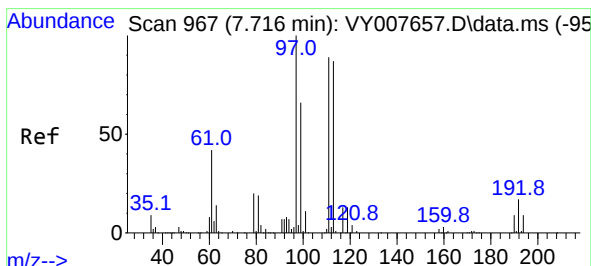
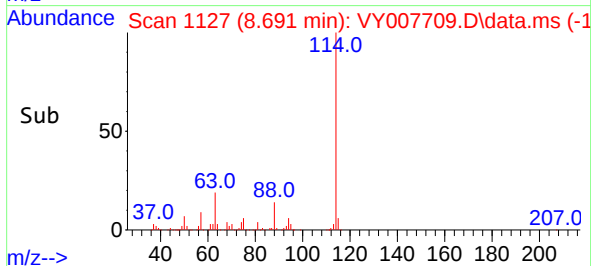
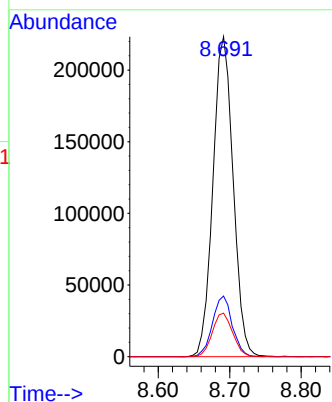
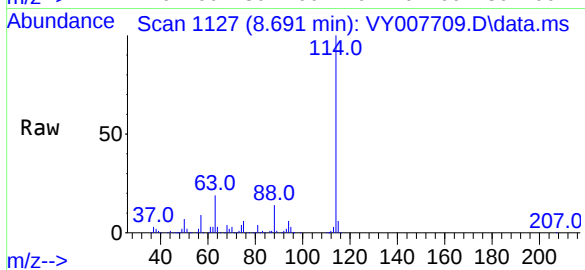
Acq: 03 Mar 2022 17:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	437994
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	43.2
88	13.6	0.0	31.8



#35

Dibromofluoromethane

Concen: 53.617 ug/l

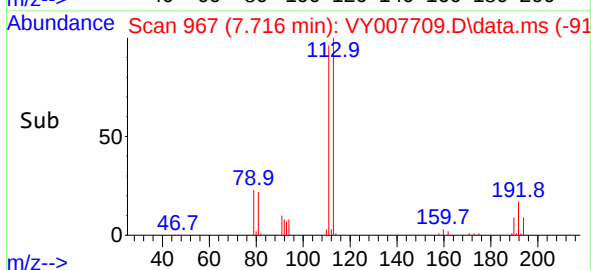
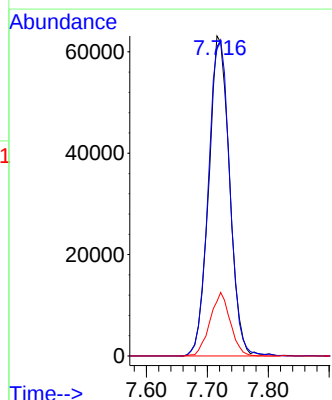
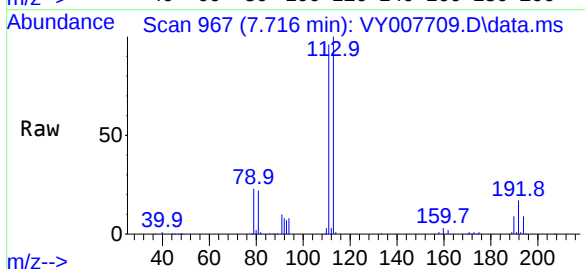
RT: 7.716 min Scan# 967

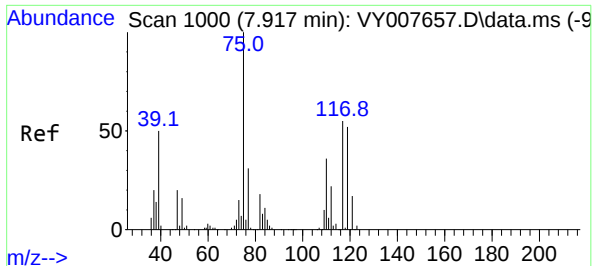
Delta R.T. -0.000 min

Lab File: VY007709.D

Acq: 03 Mar 2022 17:05

Tgt Ion:	113	Resp:	150140
Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.6	124.0
192	19.2	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.228 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007709.D

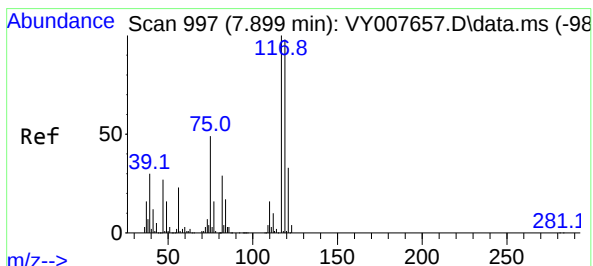
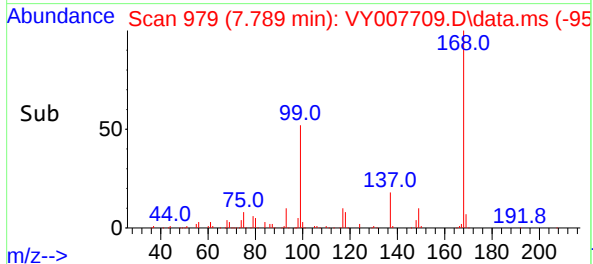
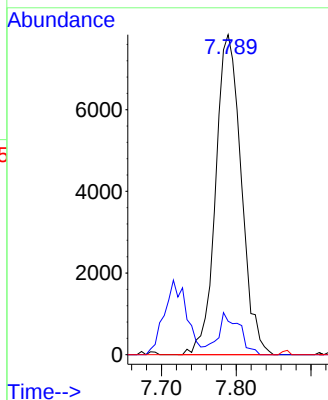
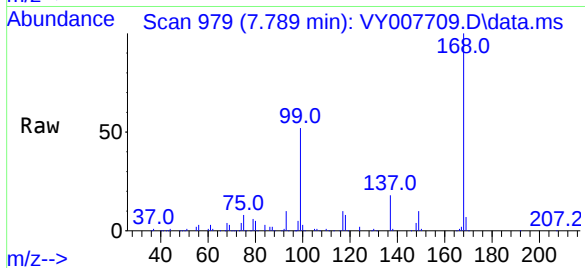
Acq: 03 Mar 2022 17:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	18626
Ion	Ratio	Lower	Upper
75	100		
110	10.9	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 4.892 ug/l

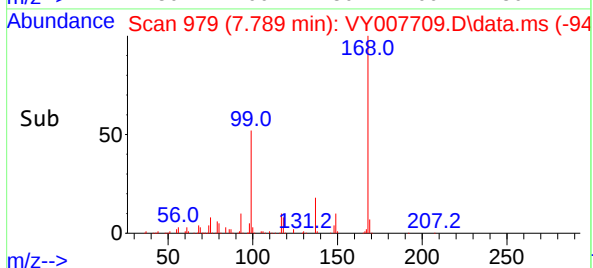
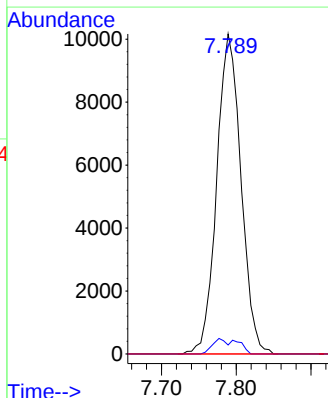
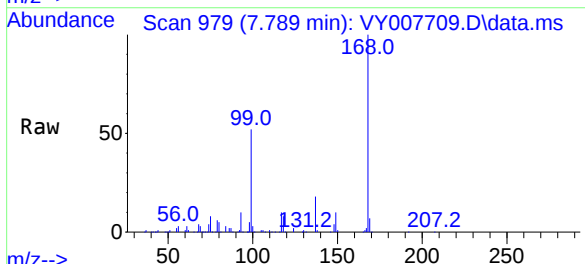
RT: 7.789 min Scan# 979

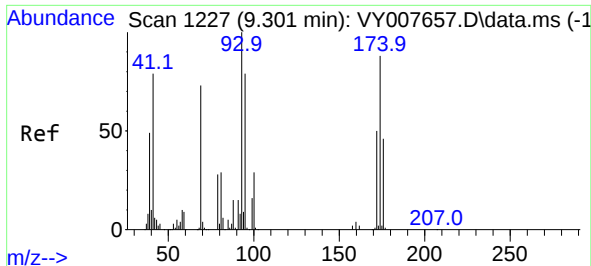
Delta R.T. -0.110 min

Lab File: VY007709.D

Acq: 03 Mar 2022 17:05

Tgt Ion:	117	Resp:	22989
Ion	Ratio	Lower	Upper
117	100		
119	2.8	77.9	116.9#
121	0.0	24.8	37.2#

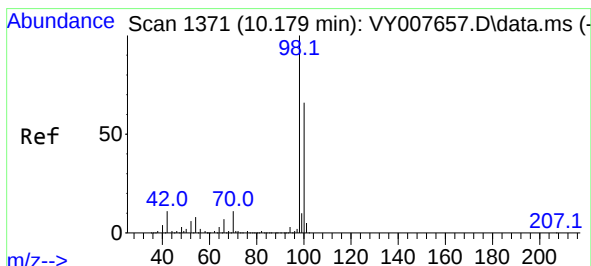
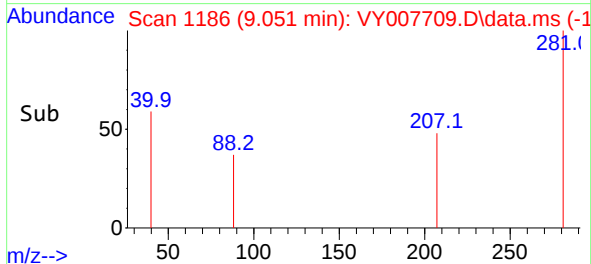
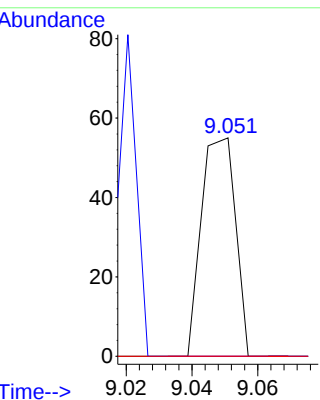
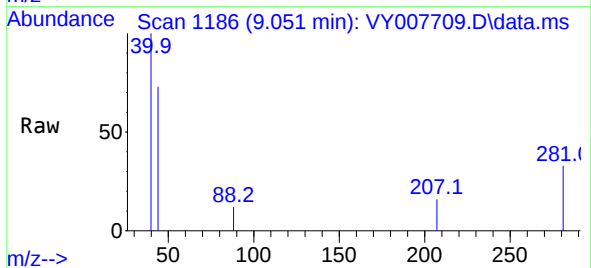




#49
1,4-Dioxane
Concen: 1.741 ug/l
RT: 9.051 min Scan# 1186
Delta R.T. -0.250 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

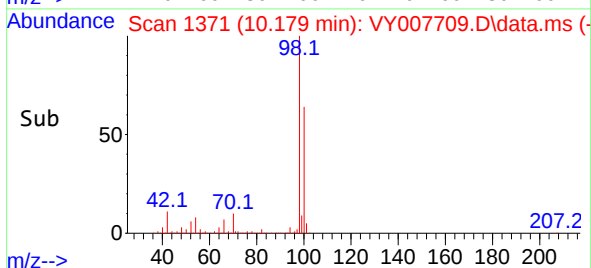
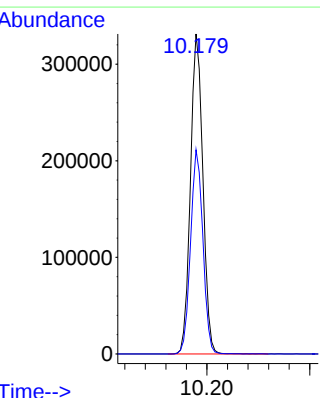
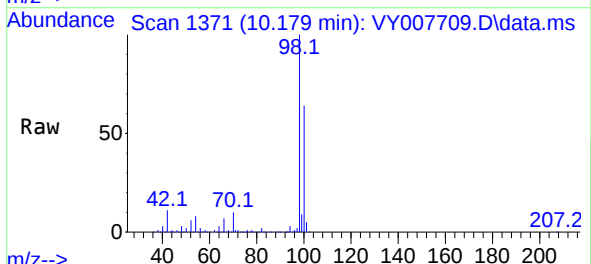
Instrument :
MSVOA_Y
ClientSampleId :

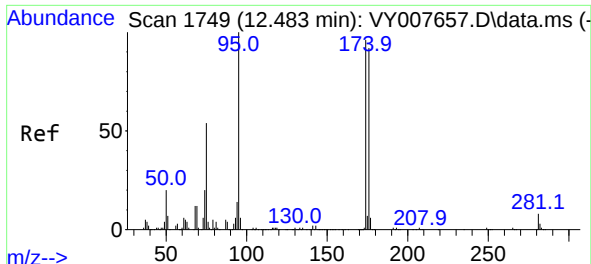
Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 0.0 32.8 49.2#
58 0.0 59.8 89.6#



#50
Toluene-d8
Concen: 53.735 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

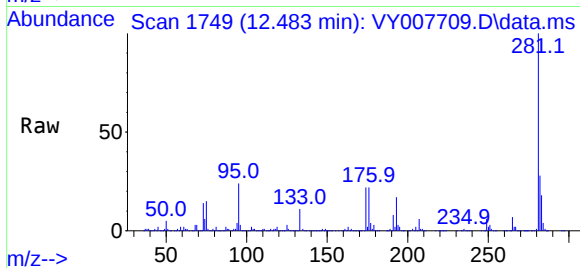
Tgt Ion: 98 Resp: 553893
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



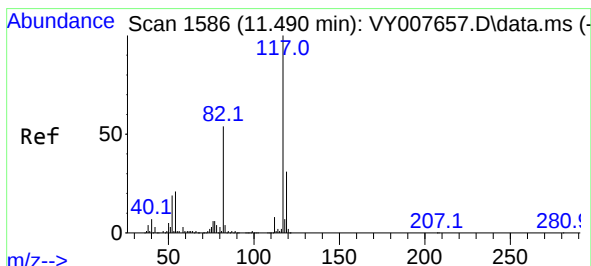
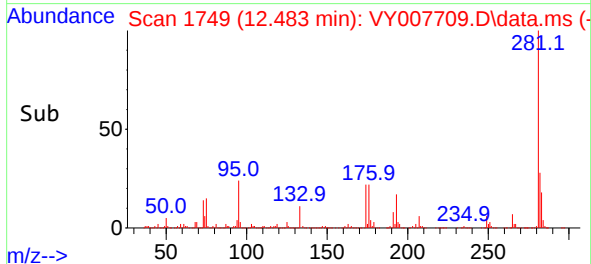
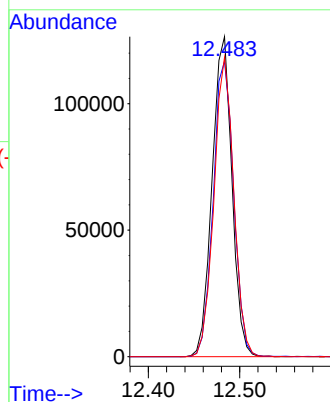


#62
4-Bromofluorobenzene
Concen: 57.245 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :

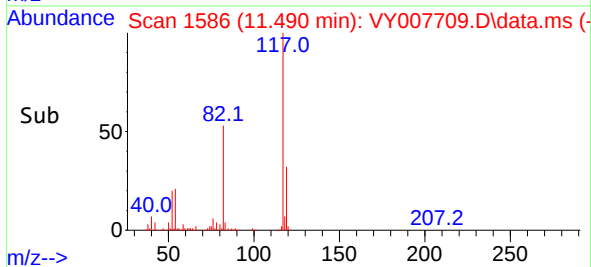
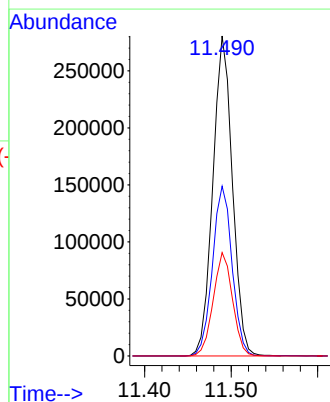
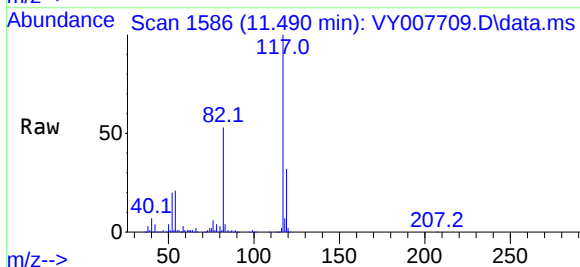


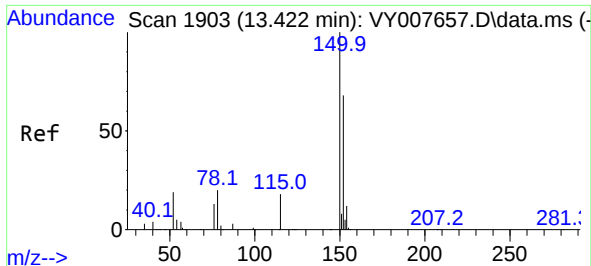
Tgt Ion: 95 Resp: 190205
Ion Ratio Lower Upper
95 100
174 95.3 0.0 177.0
176 93.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

Tgt Ion: 117 Resp: 440332
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.3 25.4 38.0

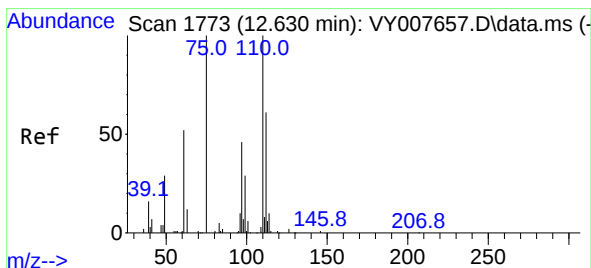
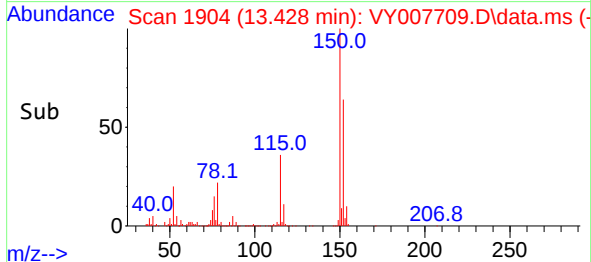
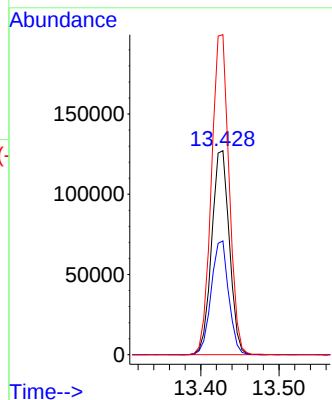
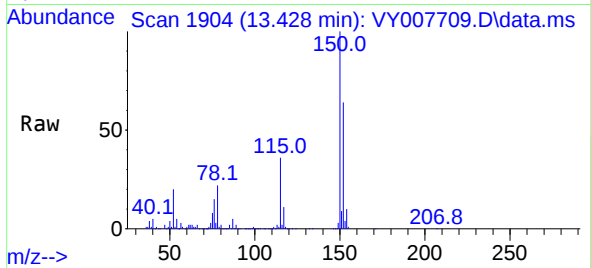




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007709.D
 Acq: 03 Mar 2022 17:05

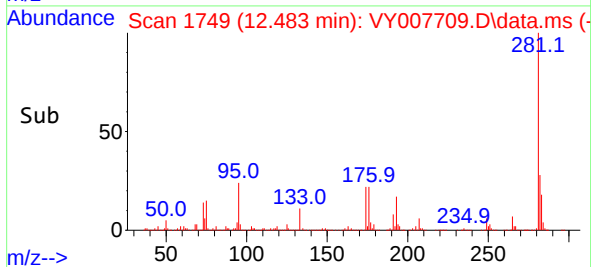
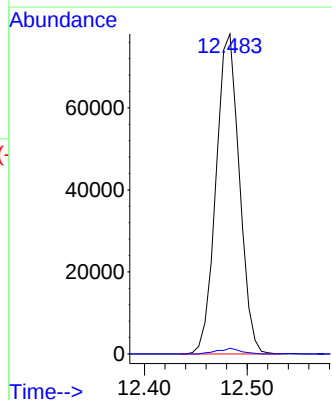
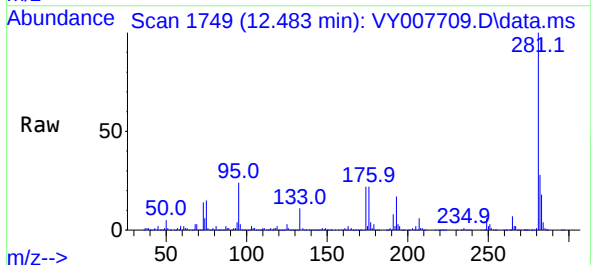
Instrument :
 MSVOA_Y
 ClientSampleId :

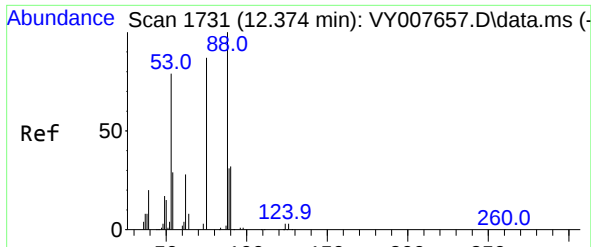
Tgt Ion:152 Resp: 199326
 Ion Ratio Lower Upper
 152 100
 115 55.1 28.2 84.7
 150 156.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 55.239 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007709.D
 Acq: 03 Mar 2022 17:05

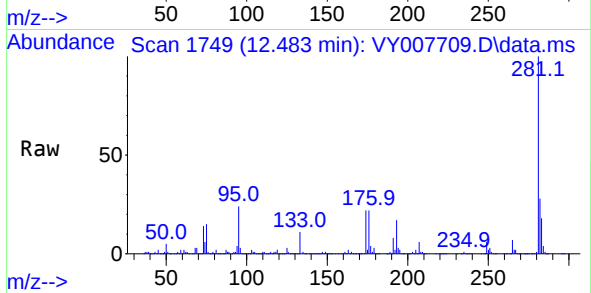
Tgt Ion: 75 Resp: 122963
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.930 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY007709.D
 Acq: 03 Mar 2022 17:05

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 122963
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 4.2 37.0 55.4#

