

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 :
 LINE-2-3

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)

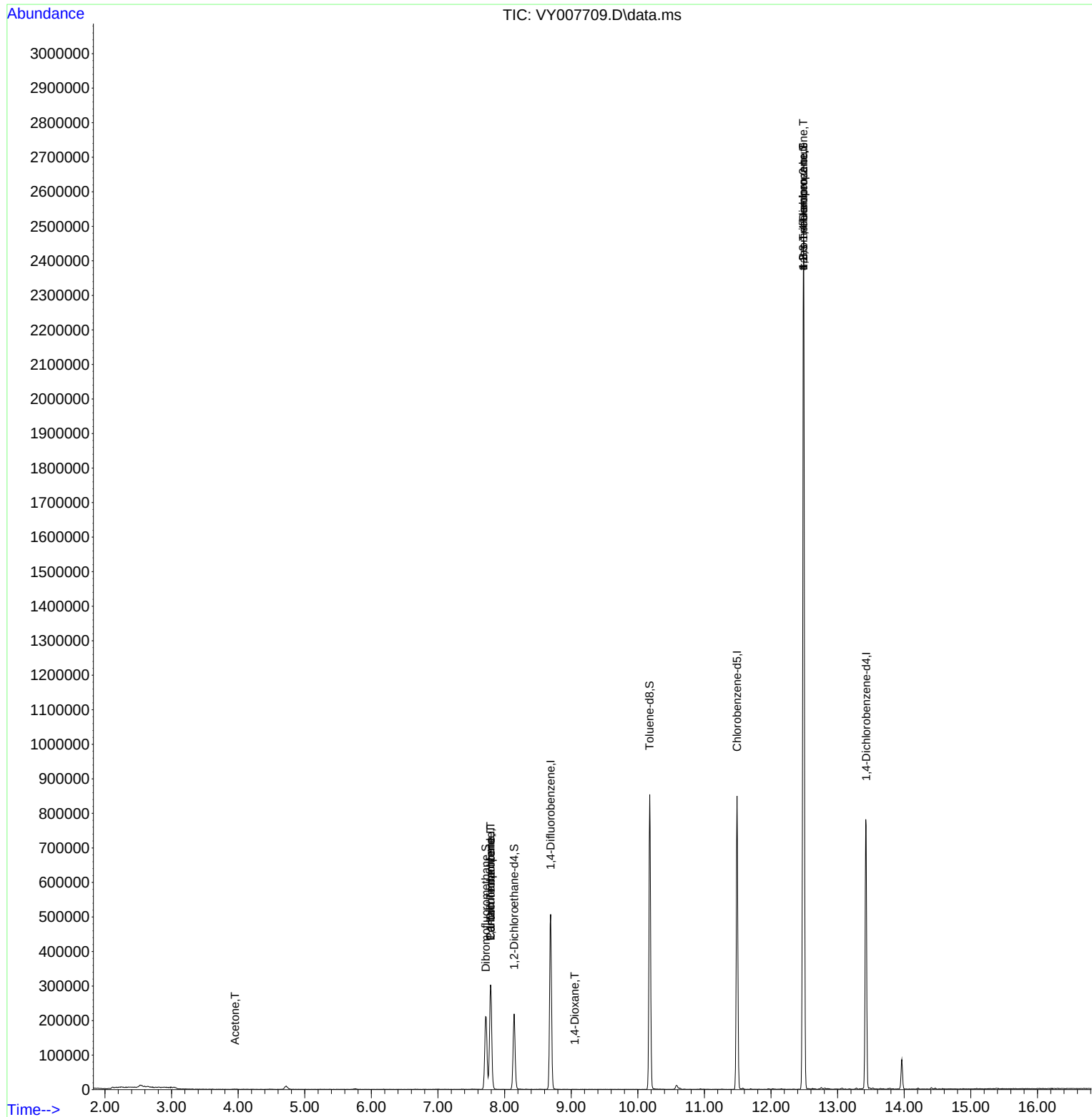
Internal Standards						
1) Pentafluorobenzene	7.789	168	239274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	437994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	440332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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

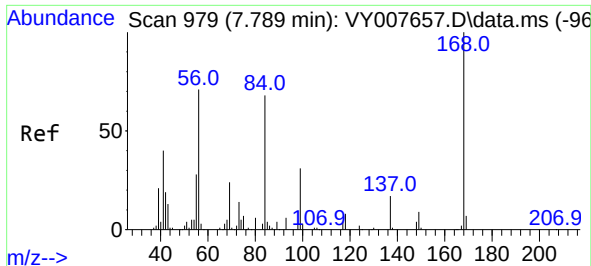
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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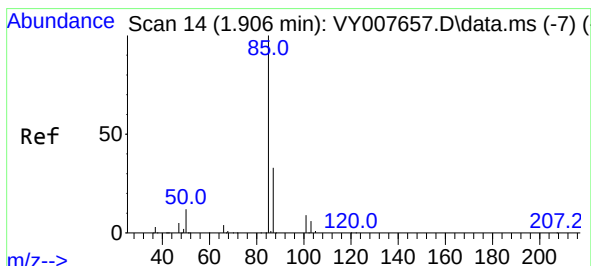
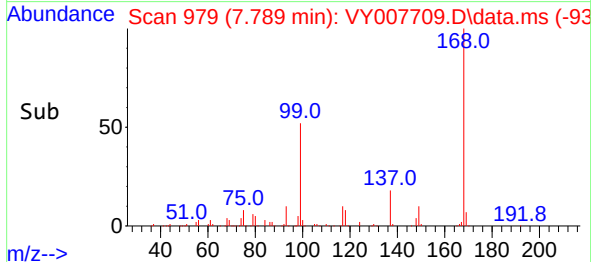
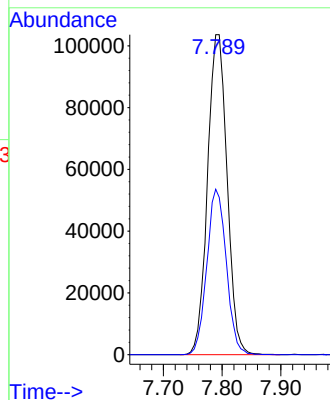
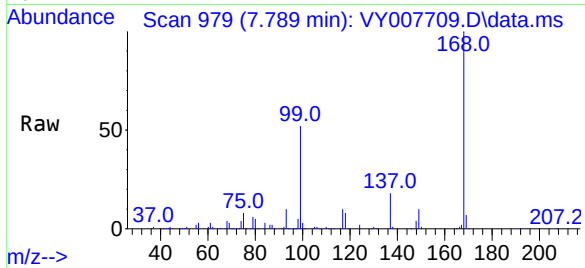




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

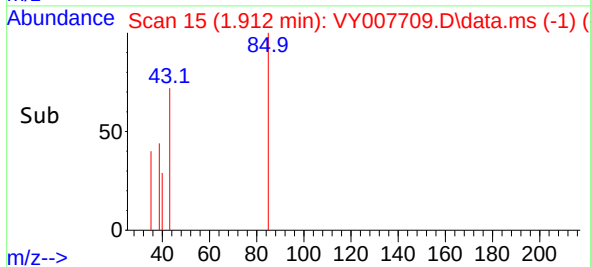
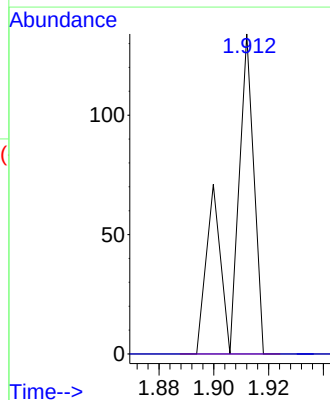
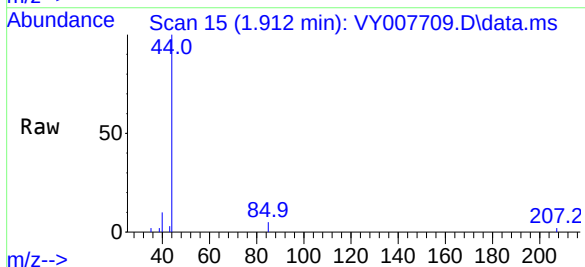
Instrument :
MSVOA_Y
ClientSampleId :
LINE-2-3

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

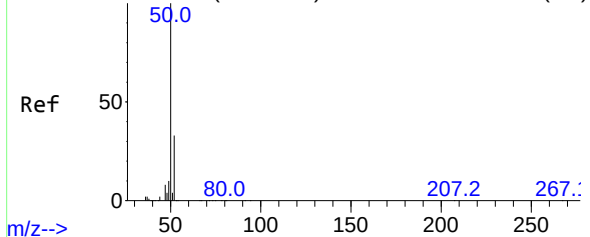


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

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)

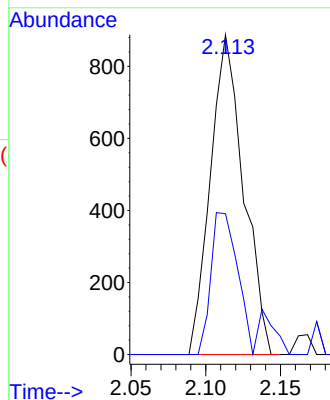
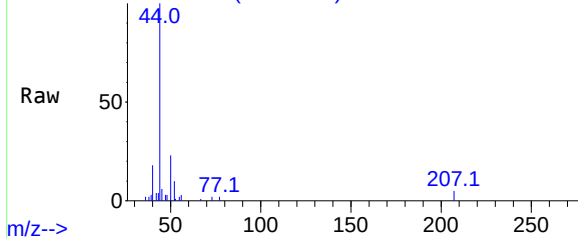


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

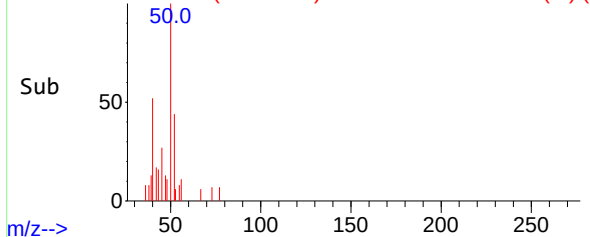
Instrument :
MSVOA_Y
ClientSampleId :
LINE-2-3

Tgt Ion: 50 Resp: 1369
Ion Ratio Lower Upper
50 100
52 44.0 24.6 37.0#

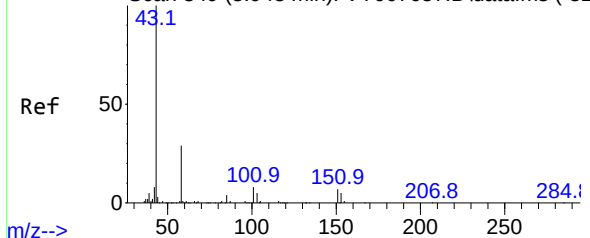
Abundance Scan 48 (2.113 min): VY007709.D\data.ms



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



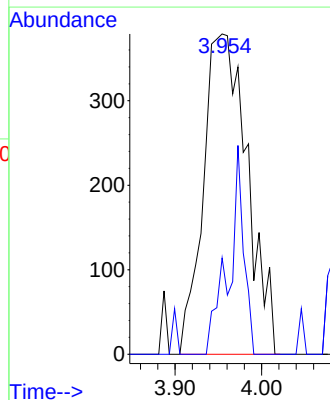
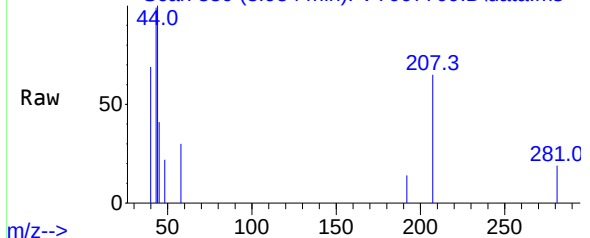
Abundance Scan 349 (3.948 min): VY007657.D\data.ms (-32)



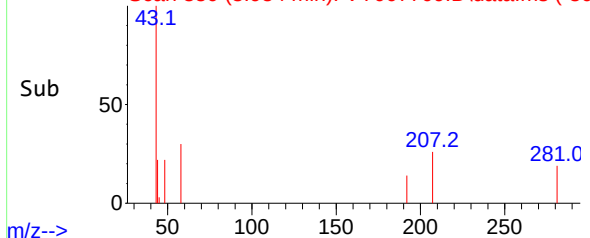
#16
Acetone
Concen: 2.620 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

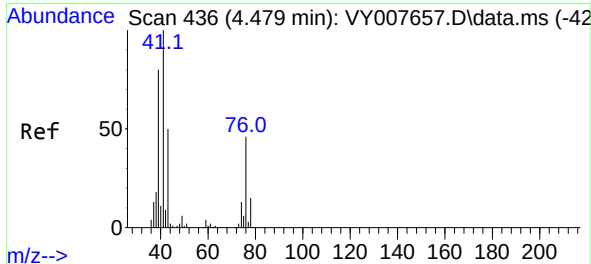
Tgt Ion: 43 Resp: 1335
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0

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



Abundance 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 :

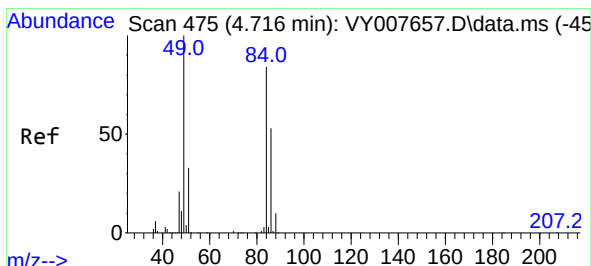
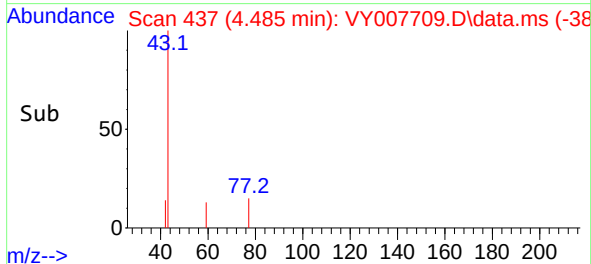
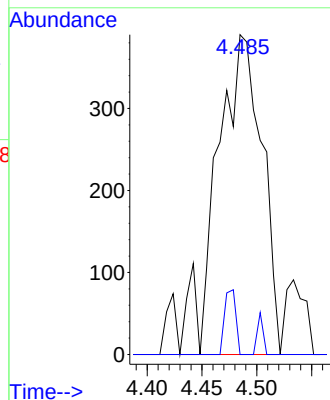
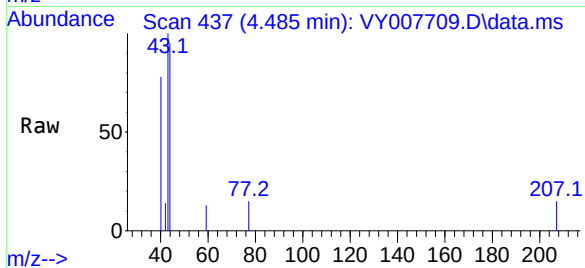
LINE-2-3

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

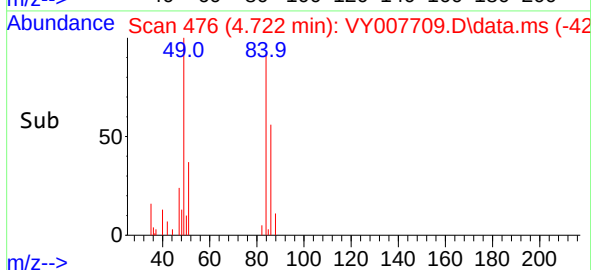
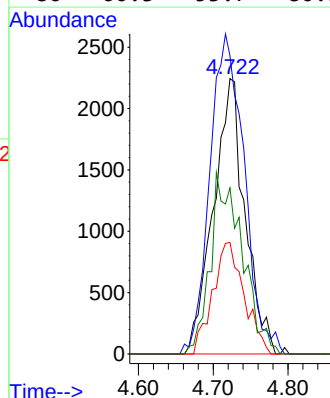
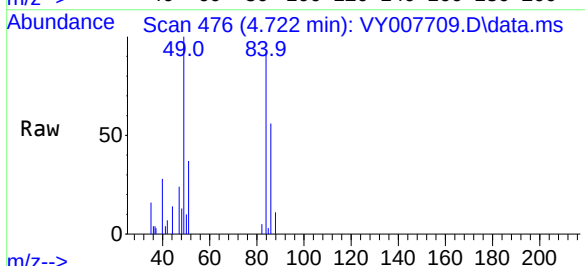
Ion Ratio Lower Upper

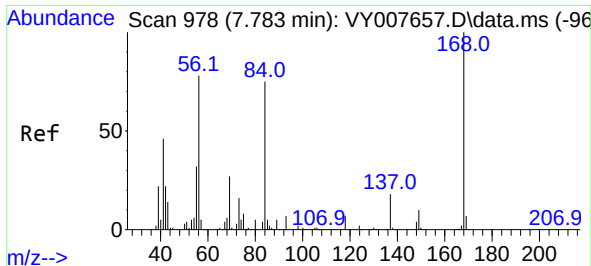
84 100

49 108.2 114.4 171.6#

51 40.5 35.3 52.9

86 60.3 53.7 80.5

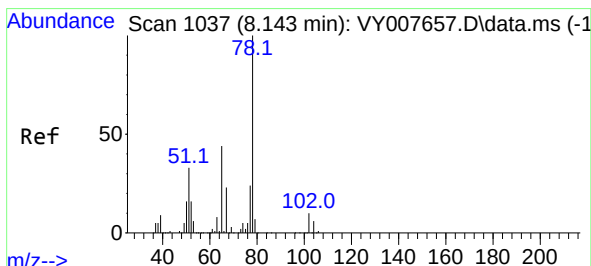
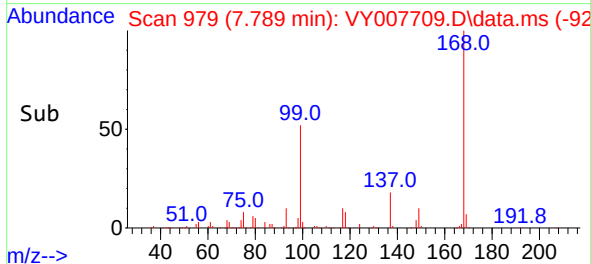
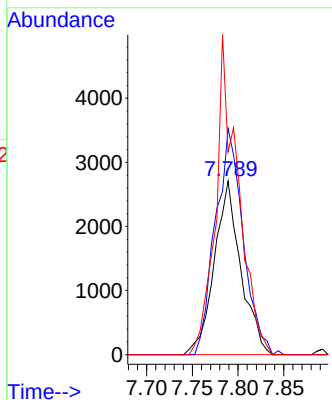
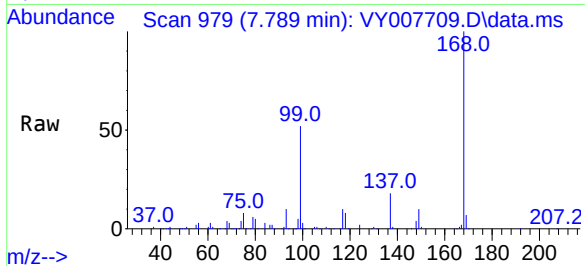




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

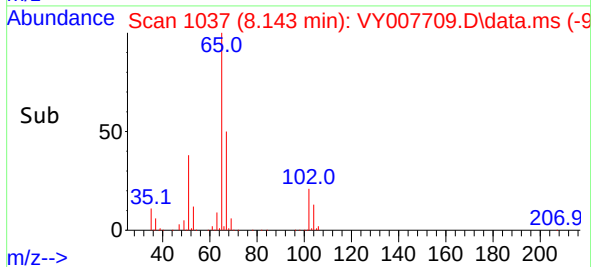
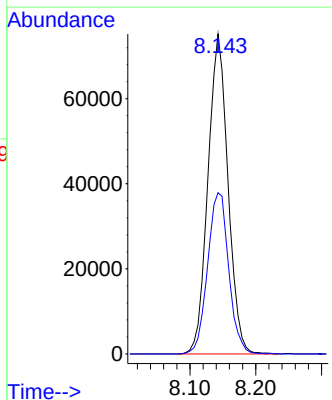
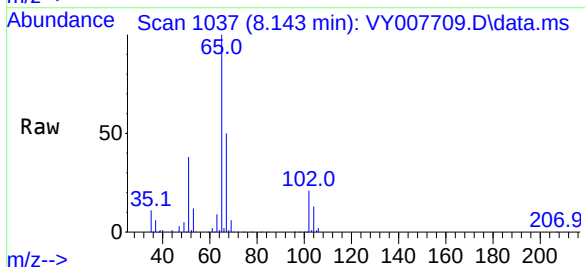
Instrument :
MSVOA_Y
ClientSampleId :
LINE-2-3

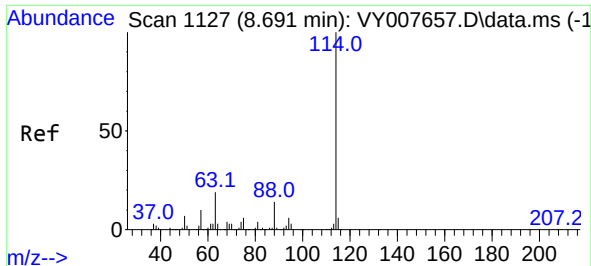
Tgt Ion: 56 Resp: 5472
Ion Ratio Lower Upper
56 100
69 130.1 26.7 40.1#
84 116.7 67.2 100.8#



#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



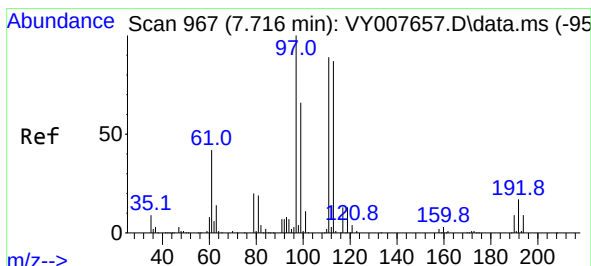
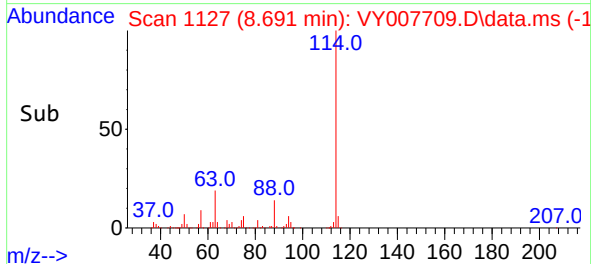
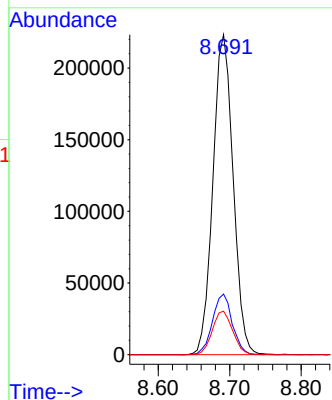
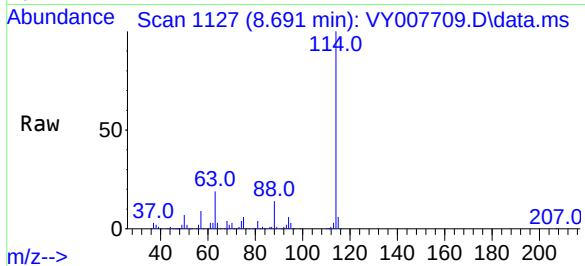


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

Instrument :
MSVOA_Y
ClientSampleId :
LINE-2-3

Tgt Ion:114 Resp: 437994

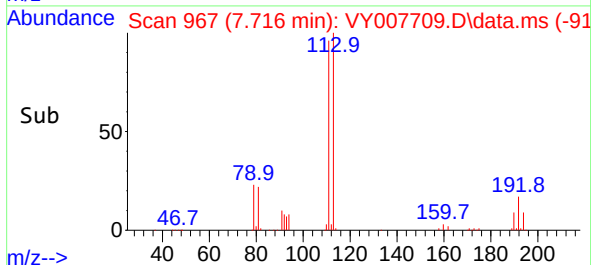
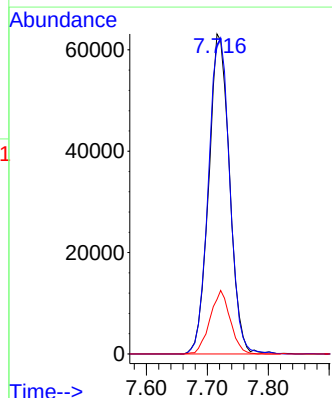
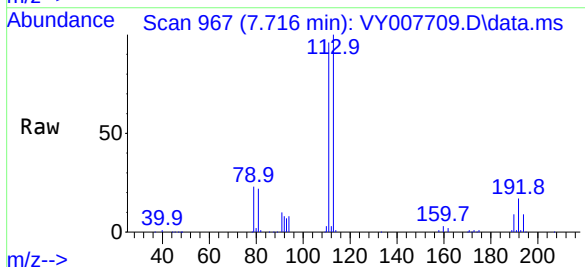
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	43.2
88	13.6	0.0	31.8

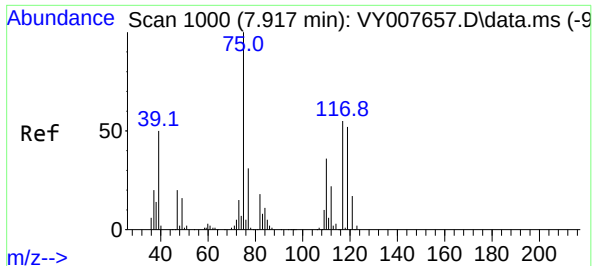


#35
Dibromofluoromethane
Concen: 53.617 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

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

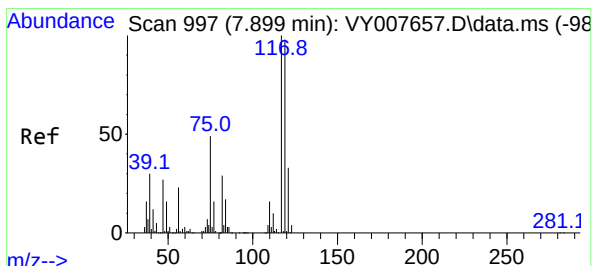
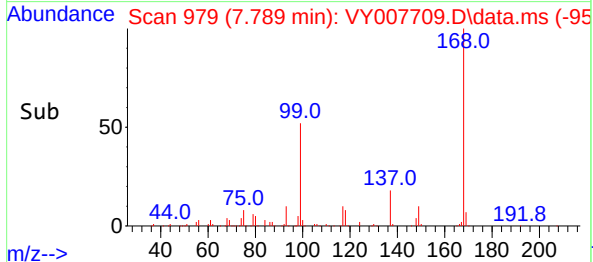
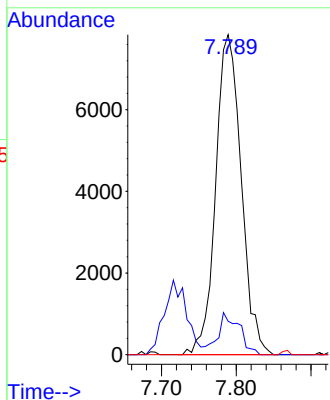
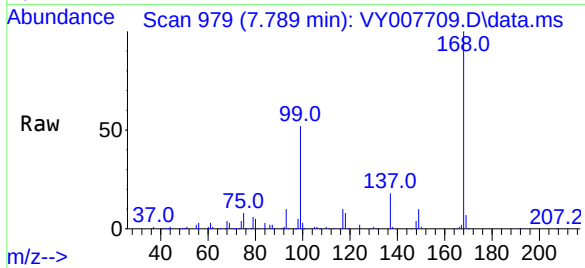




#36
1,1-Dichloropropene
Concen: 4.228 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

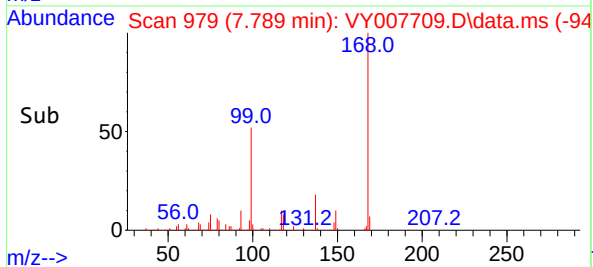
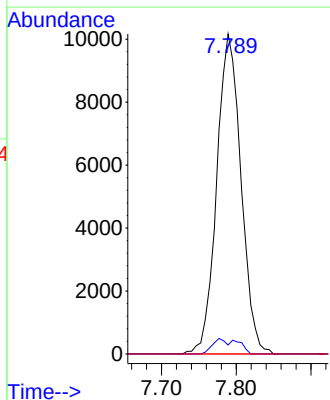
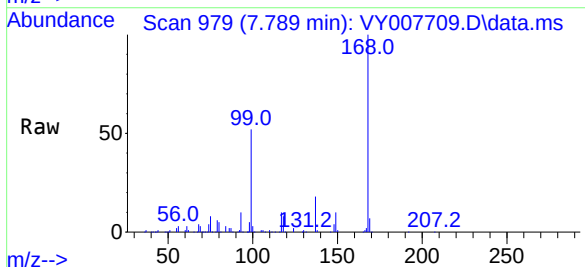
Instrument :
MSVOA_Y
ClientSampleId :
LINE-2-3

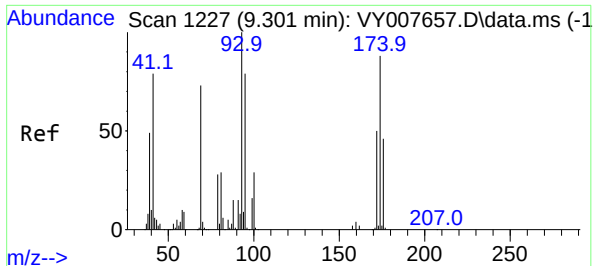
Tgt Ion: 75 Resp: 18626
Ion Ratio Lower Upper
75 100
110 10.9 17.1 51.2#
77 0.0 24.4 36.6#



#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 :

LINE-2-3

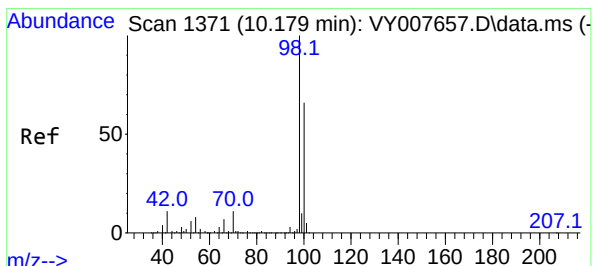
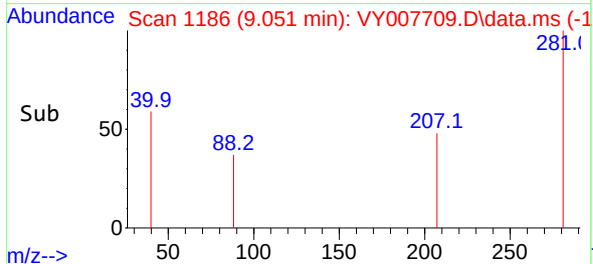
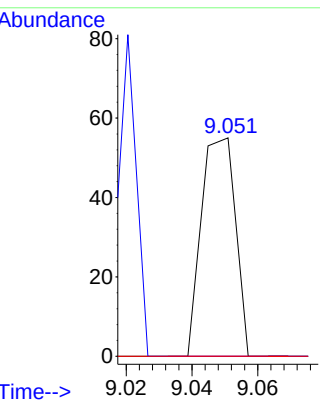
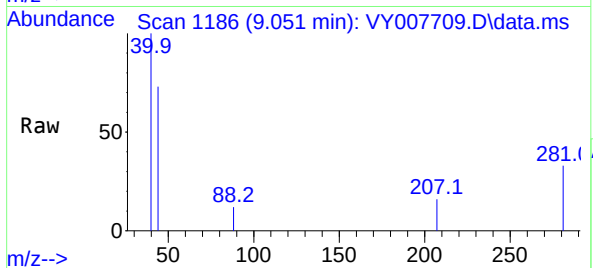
Tgt Ion: 88 Resp: 40

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

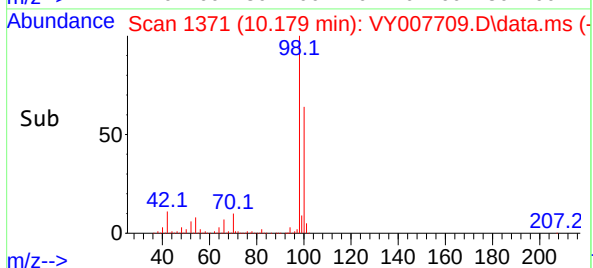
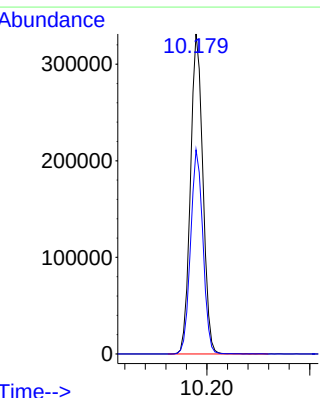
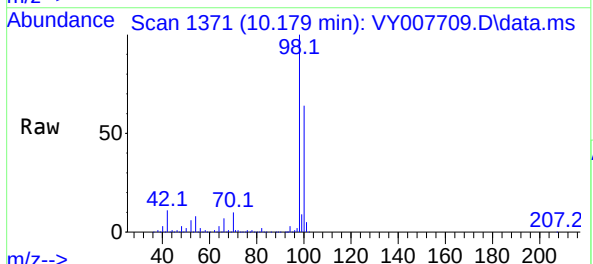
Acq: 03 Mar 2022 17:05

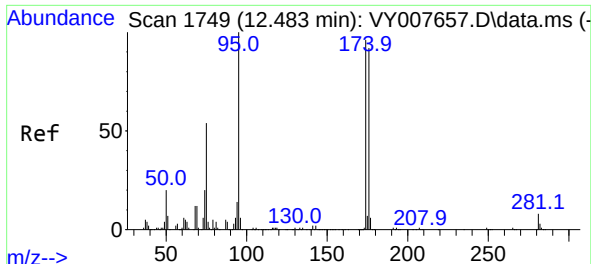
Tgt Ion: 98 Resp: 553893

Ion Ratio Lower Upper

98 100

100 63.4 50.2 75.2

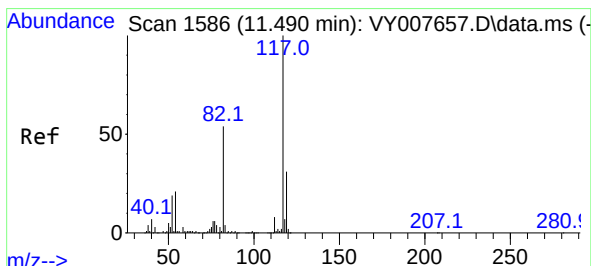
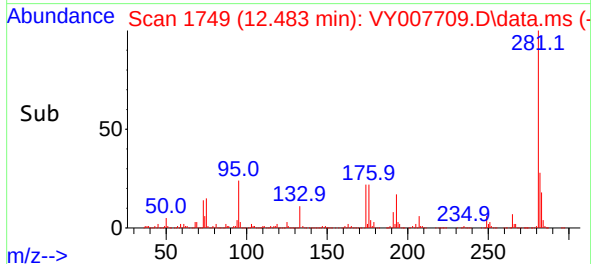
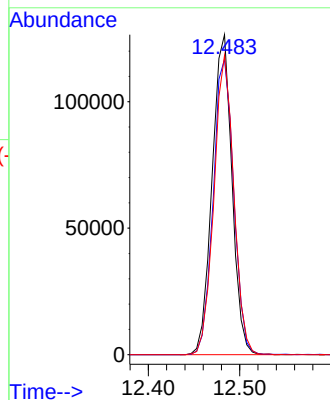
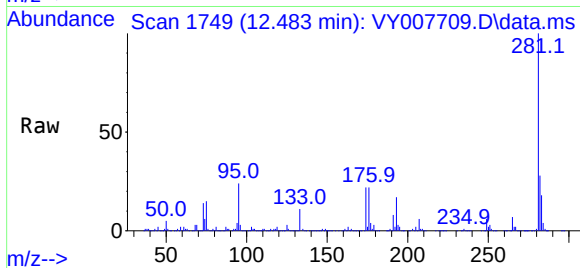




#62
4-Bromofluorobenzene
Concen: 57.245 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007709.D
Acq: 03 Mar 2022 17:05

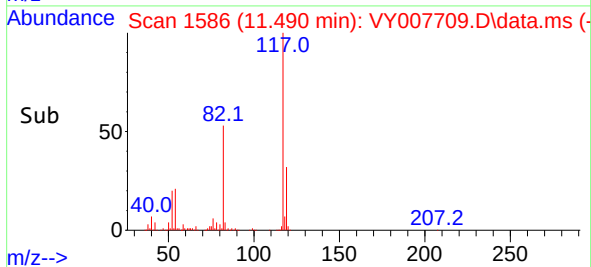
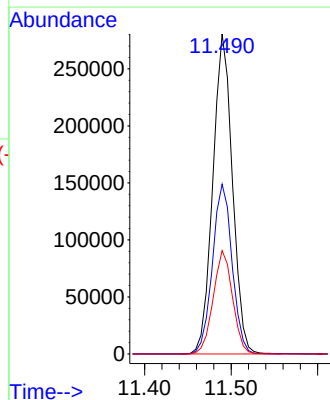
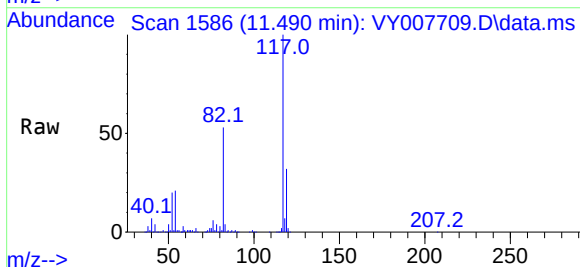
Instrument :
MSVOA_Y
ClientSampleId :
LINE-2-3

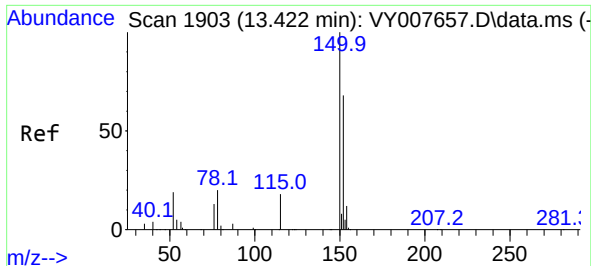
Tgt Ion: 95 Resp: 190205
Ion Ratio Lower Upper
95 100
174 95.3 0.0 177.0
176 93.6 0.0 175.8



#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

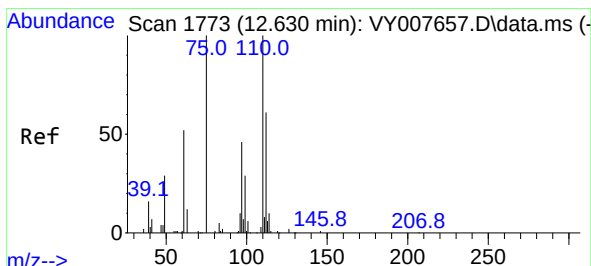
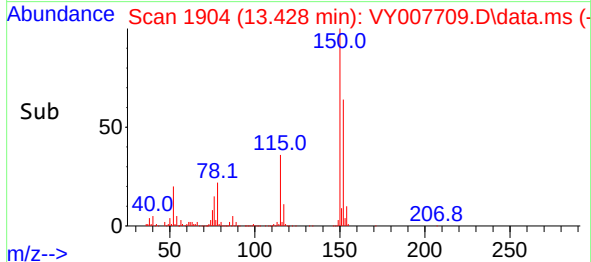
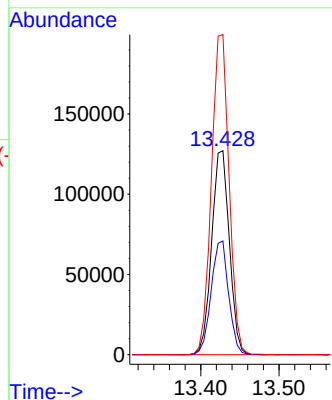
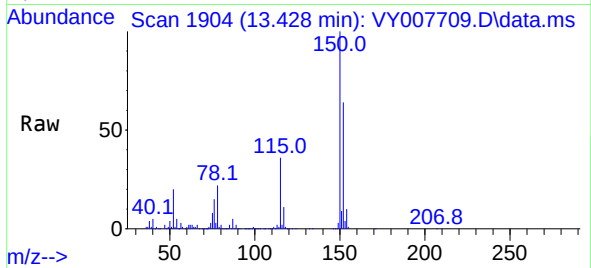




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007709.D
 Acq: 03 Mar 2022 17:05

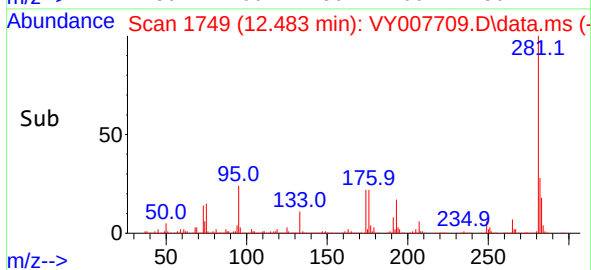
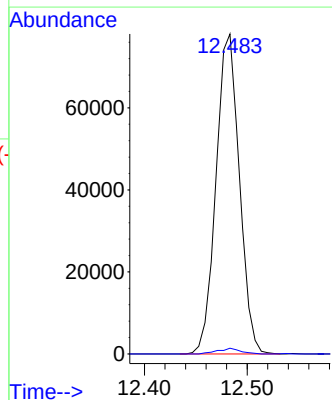
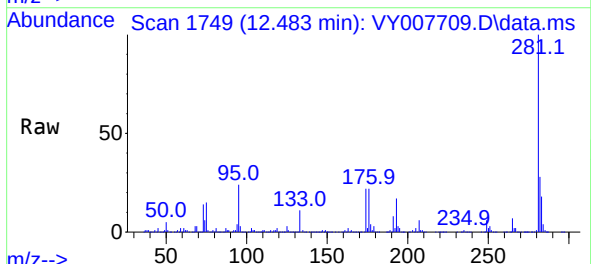
Instrument :
 MSVOA_Y
 ClientSampleId :
 LINE-2-3

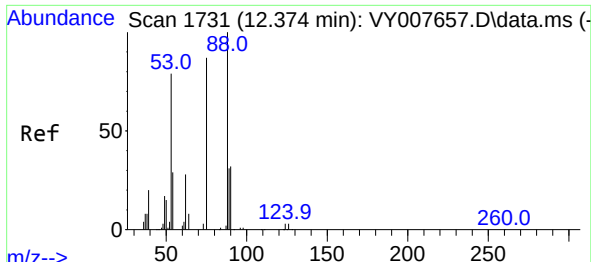
Tgt Ion:152 Resp: 199326
 Ion Ratio Lower Upper
 152 100
 115 55.1 28.2 84.7
 150 156.5 0.0 347.6



#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 :
 LINE-2-3

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#

