

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007712.D
 Acq On : 03 Mar 2022 18:15
 Operator : SY/MD
 Sample : N1759-06
 Misc : 6.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 00:43:07 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)

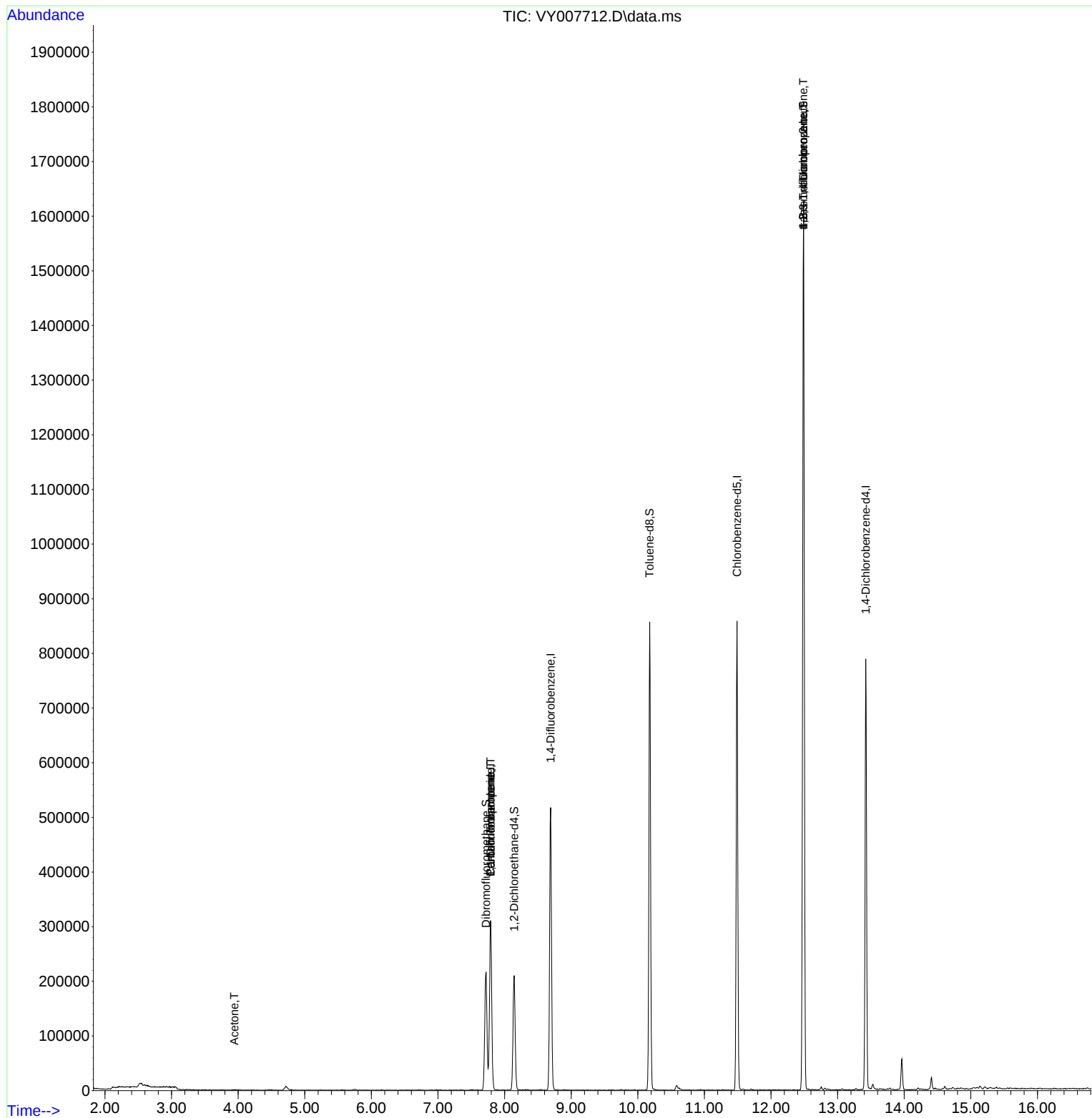
Internal Standards						
1) Pentafluorobenzene	7.789	168	238847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	446866	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	445103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	199222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	159298	63.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.420%	
35) Dibromofluoromethane	7.722	113	150441	52.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.320%	
50) Toluene-d8	10.179	98	557234	52.986	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.980%	
62) 4-Bromofluorobenzene	12.483	95	185254	54.648	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.300%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	68	Below Cal	#	43
3) Chloromethane	2.113	50	1125	Below Cal		93
13) Acrolein	3.741	56	65	Below Cal	#	51
16) Acetone	3.942	43	609	1.197	ug/l	99
18) Methyl Acetate	4.472	43	360	Below Cal	#	25
20) Methylene Chloride	4.716	84	5040	Below Cal	#	82
31) Cyclohexane	7.789	56	5988	Below Cal	#	8
36) 1,1-Dichloropropene	7.789	75	19623	4.366	ug/l #	53
38) Carbon Tetrachloride	7.789	117	23491	4.900	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	112009	50.345	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	112009	102.923	ug/l #	9

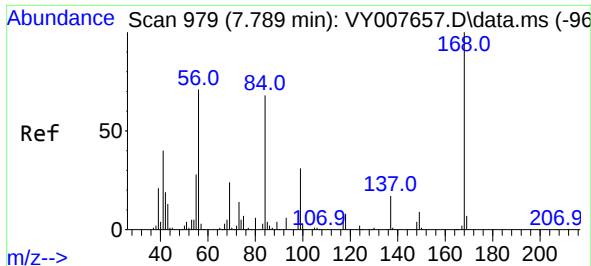
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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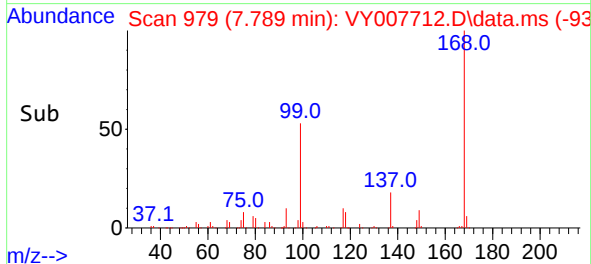
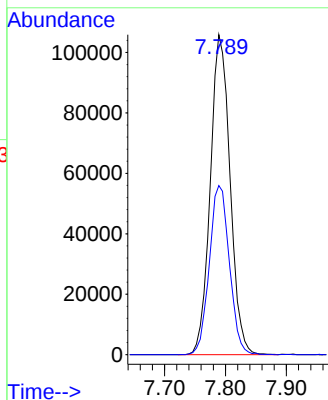
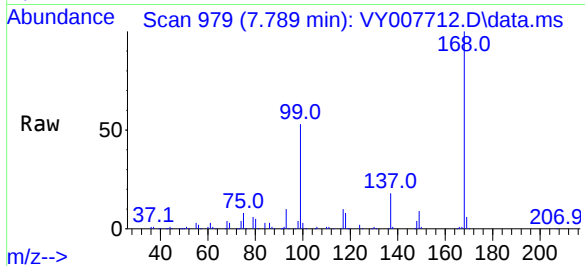




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

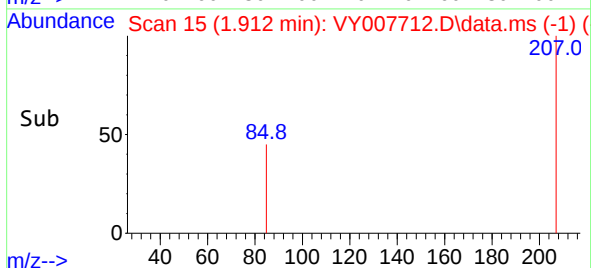
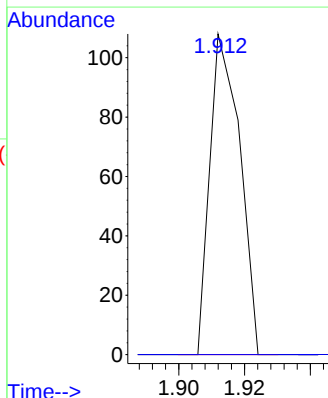
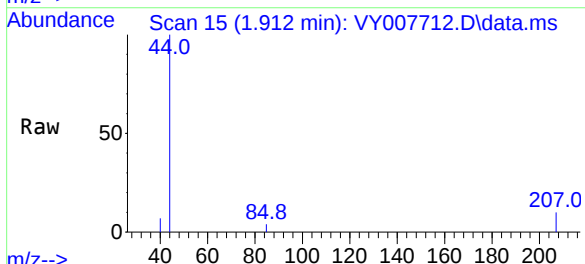
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 238847
Ion Ratio Lower Upper
168 100
99 52.9 46.9 70.3

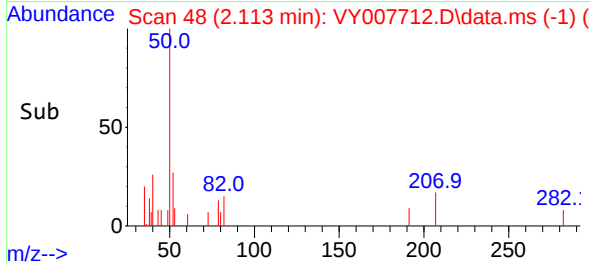
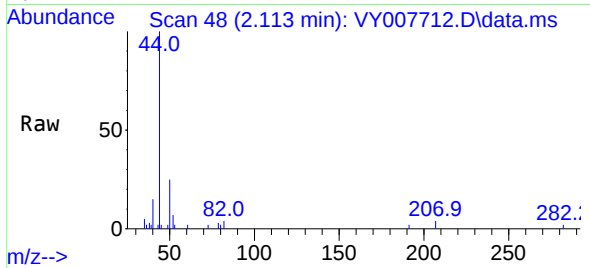
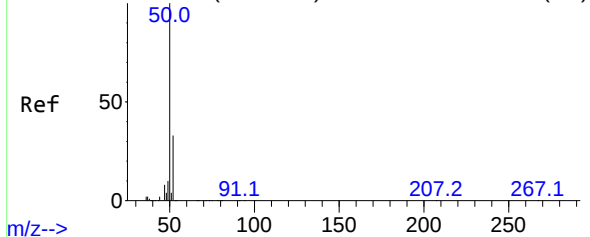


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

Tgt Ion: 85 Resp: 68
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: VY007712.D

Acq: 03 Mar 2022 18:15

Instrument :

MSVOA_Y

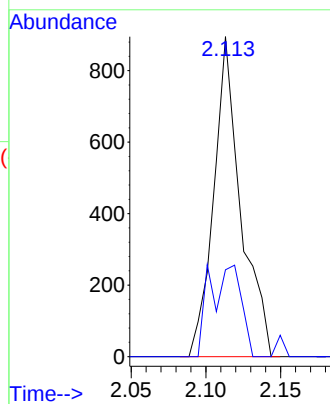
ClientSampleId :

Tgt Ion: 50 Resp: 1125

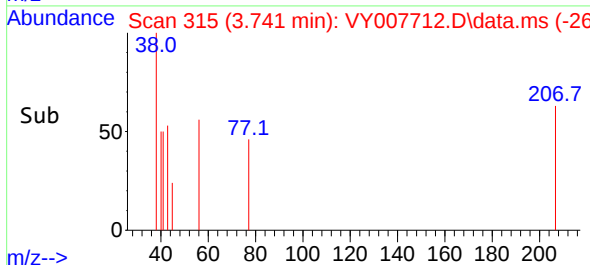
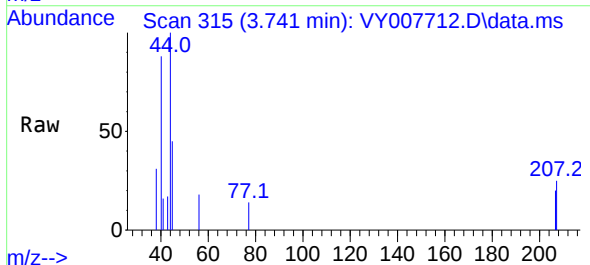
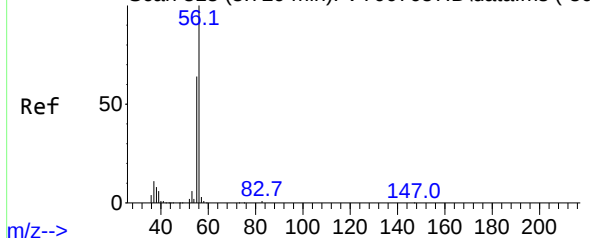
Ion Ratio Lower Upper

50 100

52 27.2 24.6 37.0



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



#13

Acrolein

Concen: Below Cal

RT: 3.741 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY007712.D

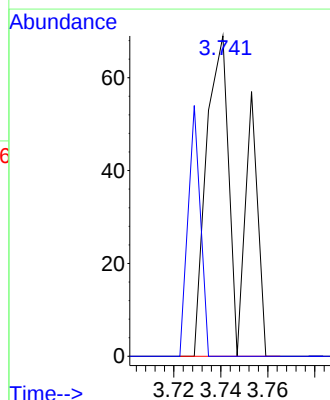
Acq: 03 Mar 2022 18:15

Tgt Ion: 56 Resp: 65

Ion Ratio Lower Upper

56 100

55 30.8 57.6 86.4#

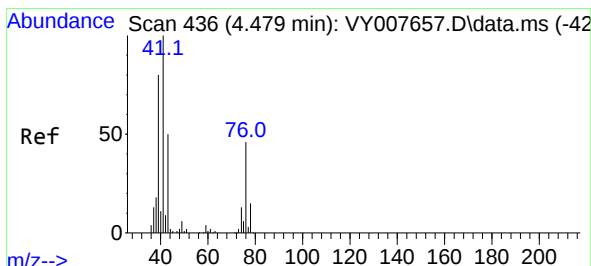
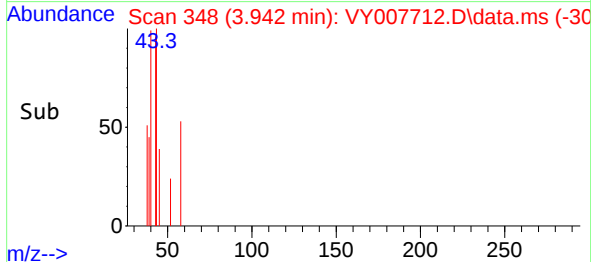
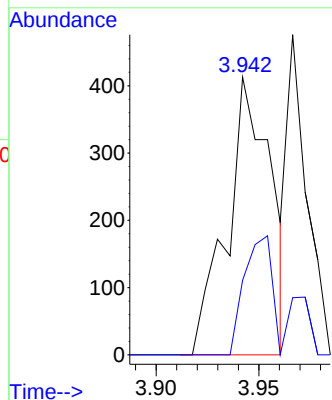
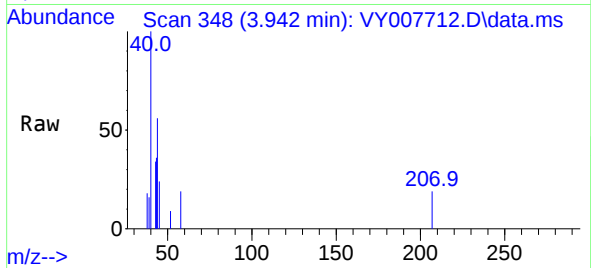




#16
Acetone
Concen: 1.197 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

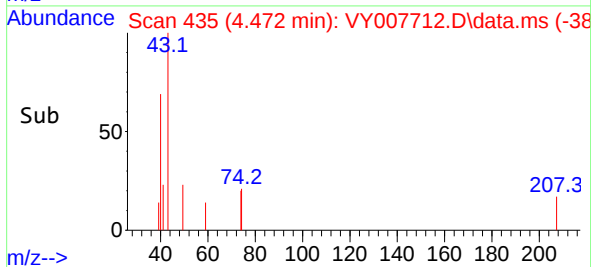
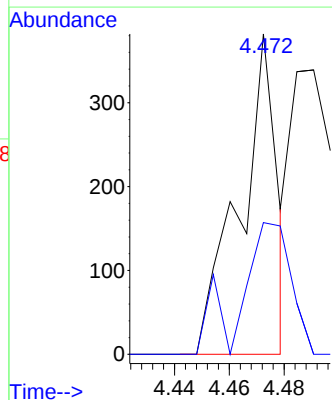
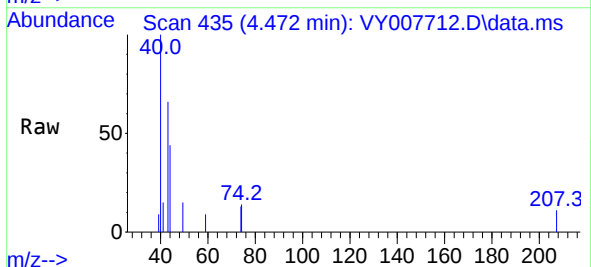
Instrument :
MSVOA_Y
ClientSampleId :

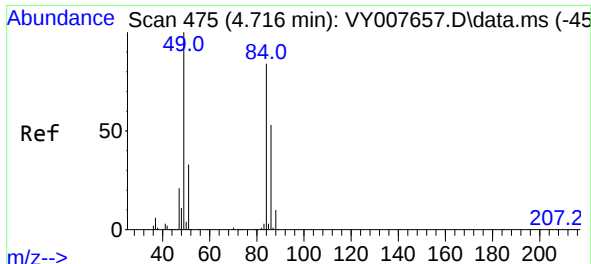
Tgt Ion: 43 Resp: 609
Ion Ratio Lower Upper
43 100
58 26.9 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

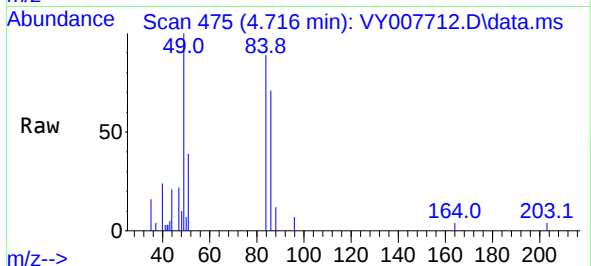
Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
74 55.6 16.6 24.8#





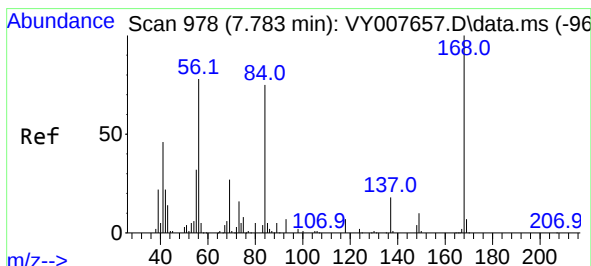
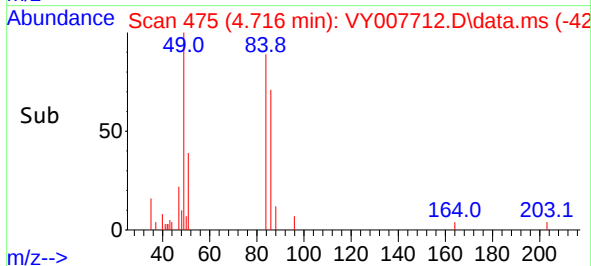
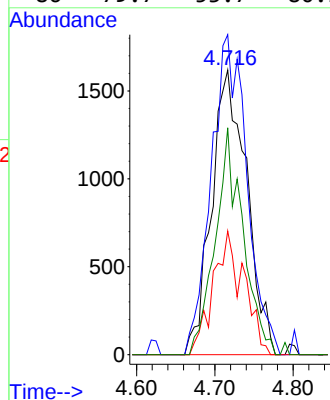
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 5040

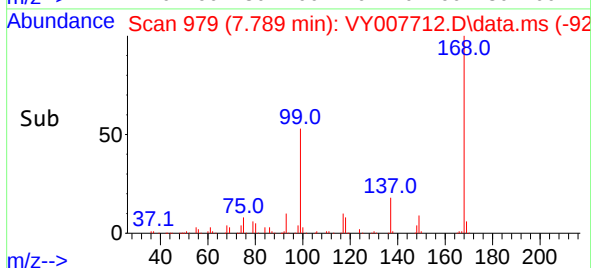
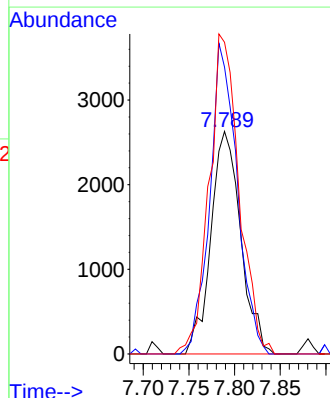
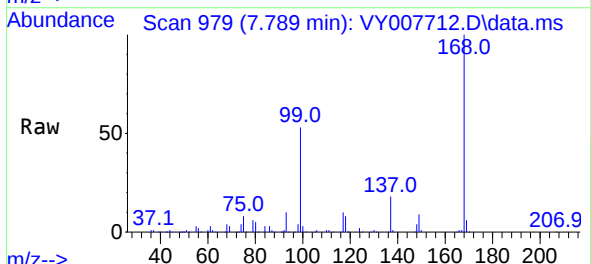
Ion	Ratio	Lower	Upper
84	100		
49	112.4	114.4	171.6#
51	43.4	35.3	52.9
86	79.7	53.7	80.5

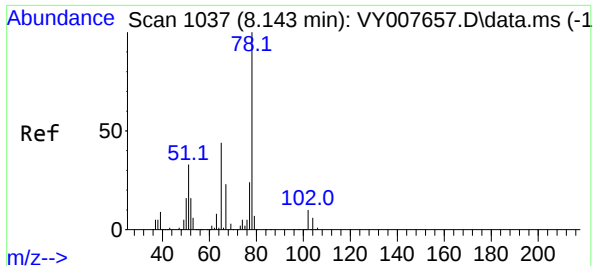


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

Tgt Ion: 56 Resp: 5988

Ion	Ratio	Lower	Upper
56	100		
69	128.9	26.7	40.1#
84	140.1	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.706 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007712.D

Acq: 03 Mar 2022 18:15

Instrument :

MSVOA_Y

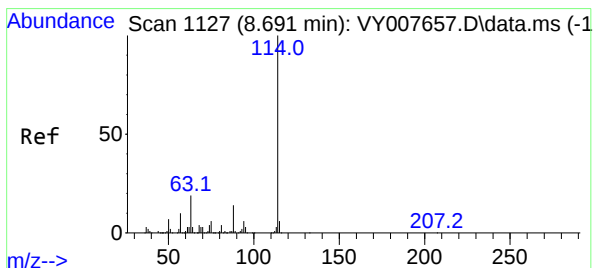
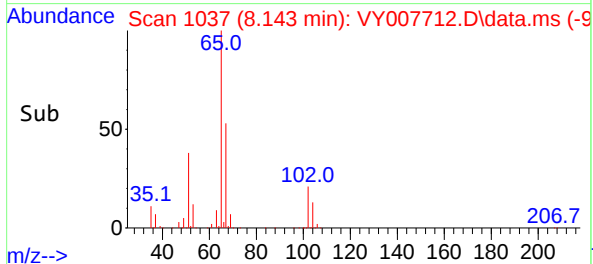
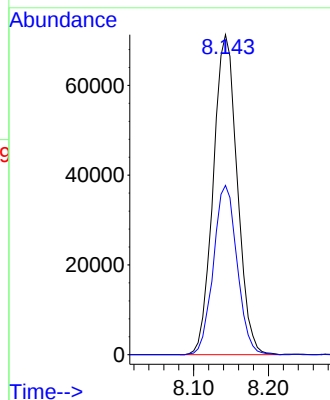
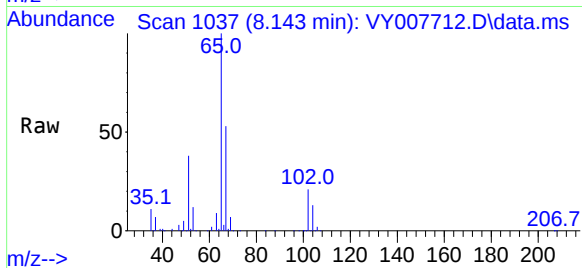
ClientSampleId :

Tgt Ion: 65 Resp: 159298

Ion Ratio Lower Upper

65 100

67 52.2 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: VY007712.D

Acq: 03 Mar 2022 18:15

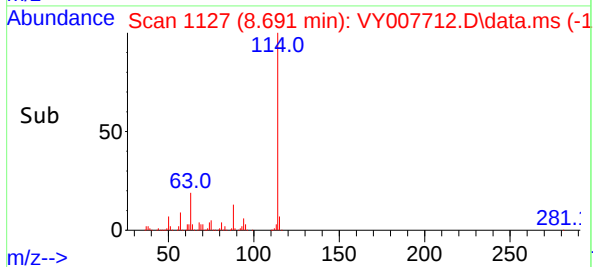
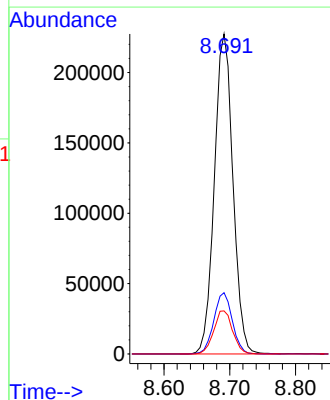
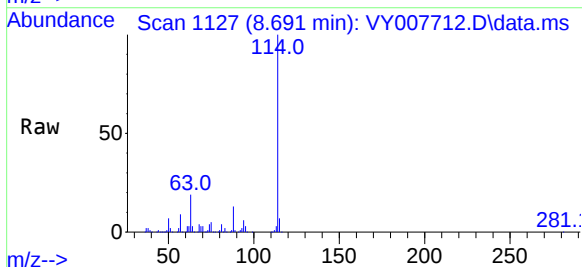
Tgt Ion:114 Resp: 446866

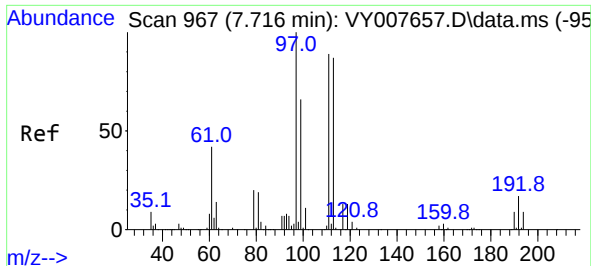
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

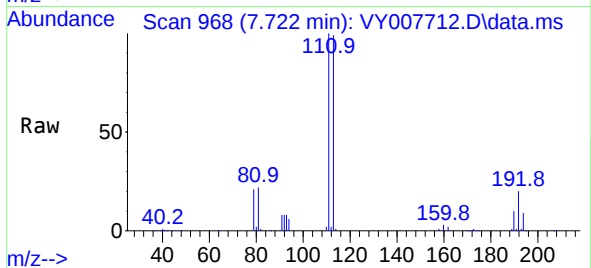
88 13.5 0.0 31.8



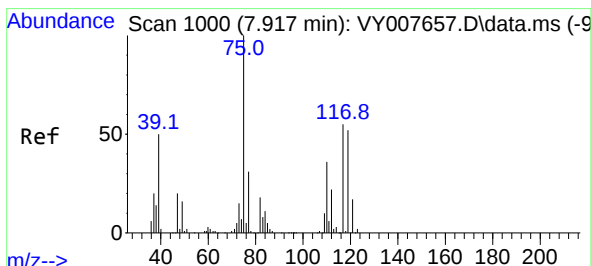
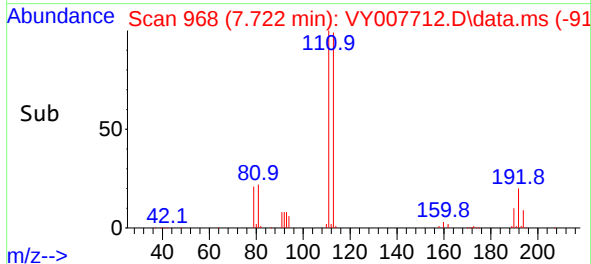
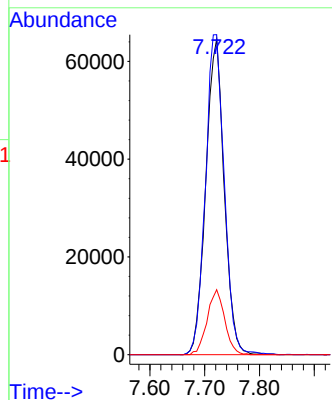


#35
Dibromofluoromethane
Concen: 52.658 ug/l
RT: 7.722 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :

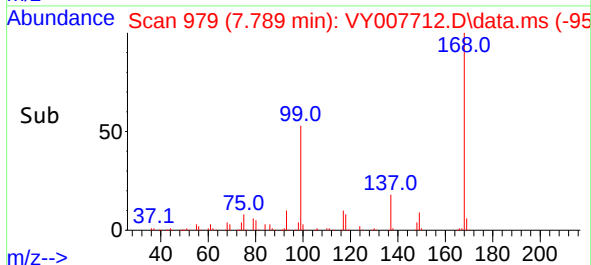
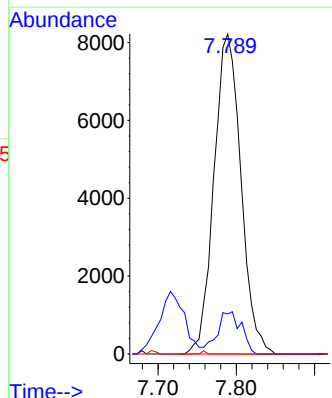
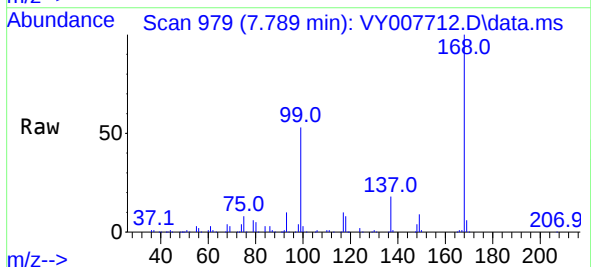


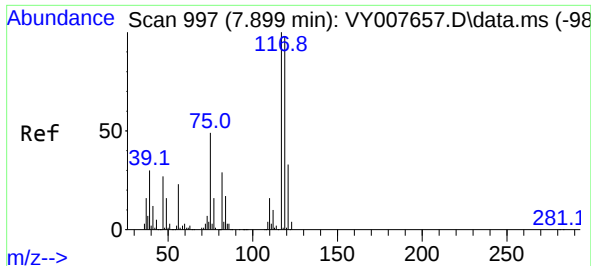
Tgt Ion:113 Resp: 150441
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.366 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

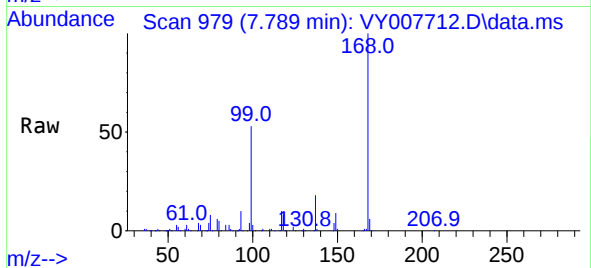
Tgt Ion: 75 Resp: 19623
Ion Ratio Lower Upper
75 100
110 11.7 17.1 51.2#
77 0.0 24.4 36.6#



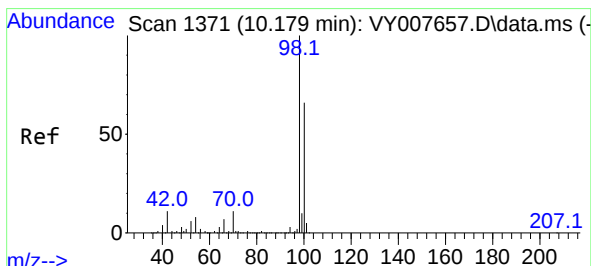
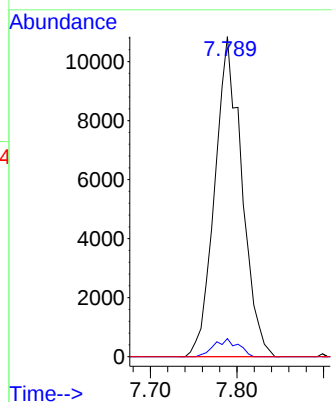
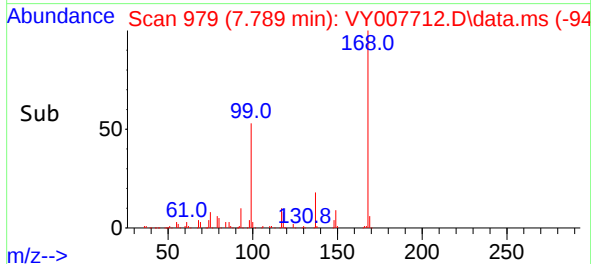


#38
Carbon Tetrachloride
Concen: 4.900 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :

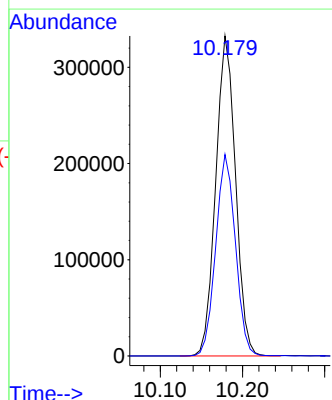
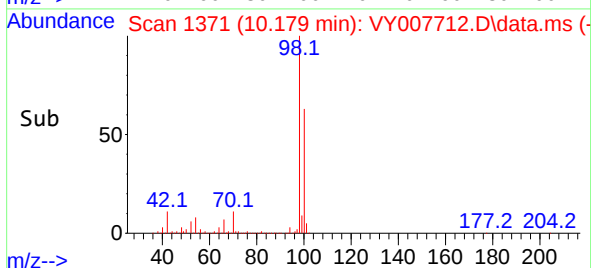
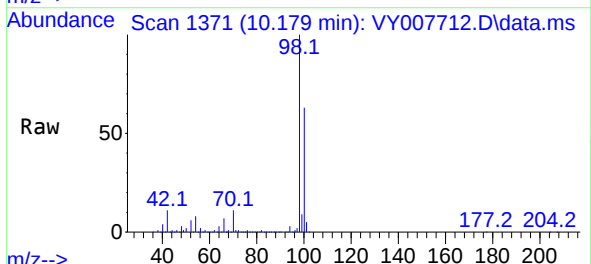


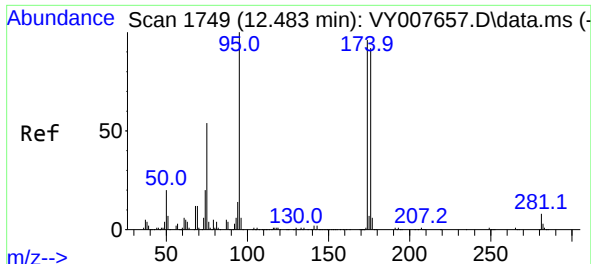
Tgt Ion:117 Resp: 23491
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.986 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

Tgt Ion: 98 Resp: 557234
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2

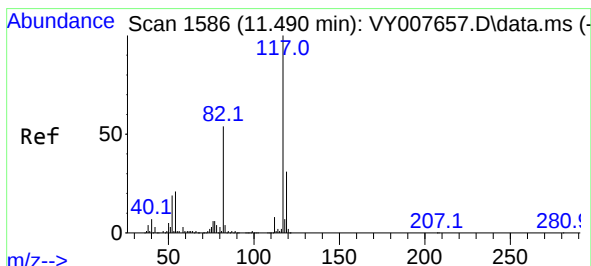
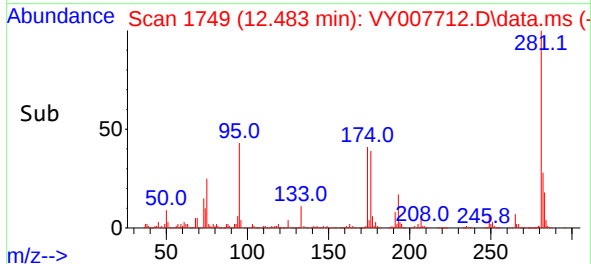
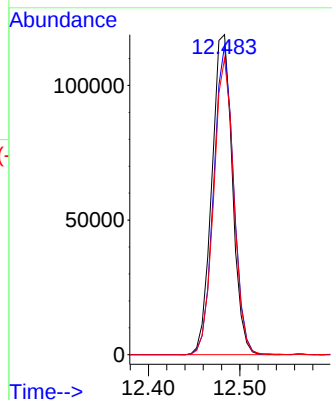
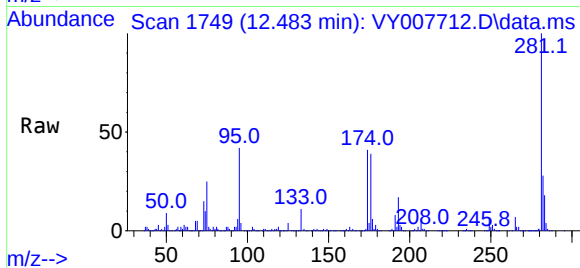




#62
4-Bromofluorobenzene
Concen: 54.648 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

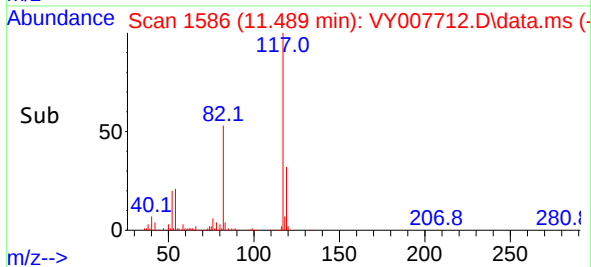
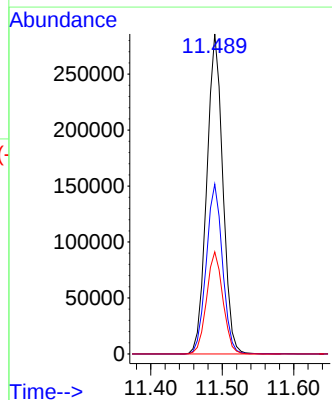
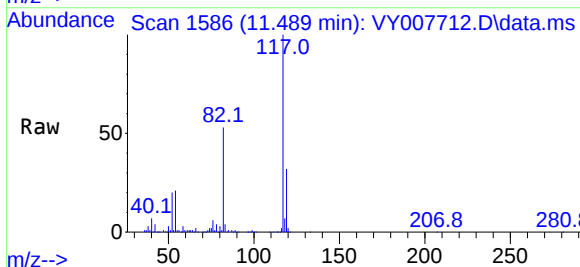
Instrument :
MSVOA_Y
ClientSampleId :

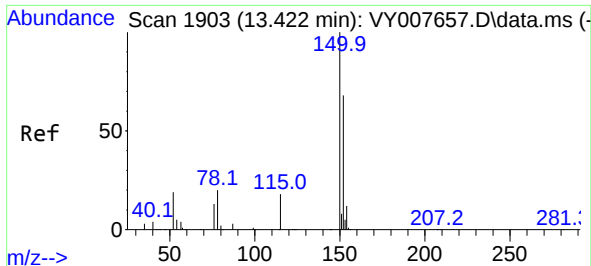
Tgt Ion: 95 Resp: 185254
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 90.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

Tgt Ion: 117 Resp: 445103
Ion Ratio Lower Upper
117 100
82 53.0 43.0 64.4
119 31.9 25.4 38.0

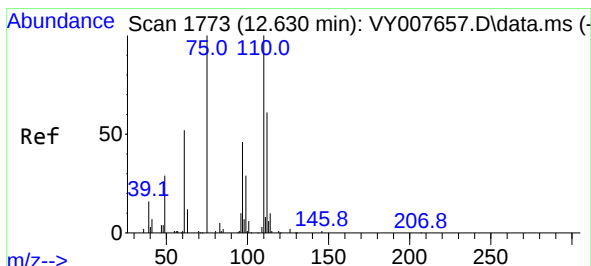
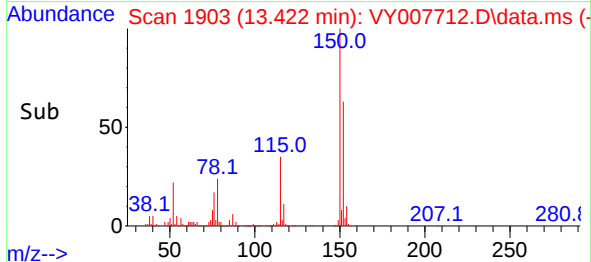
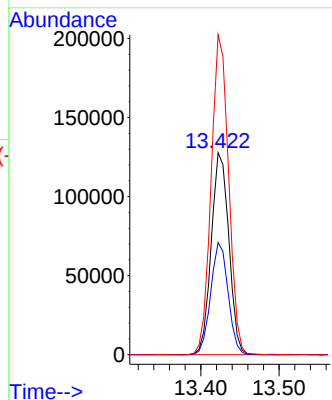
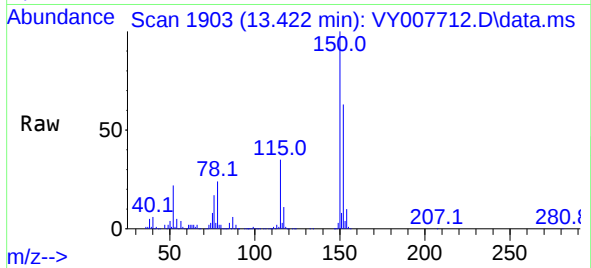




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007712.D
 Acq: 03 Mar 2022 18:15

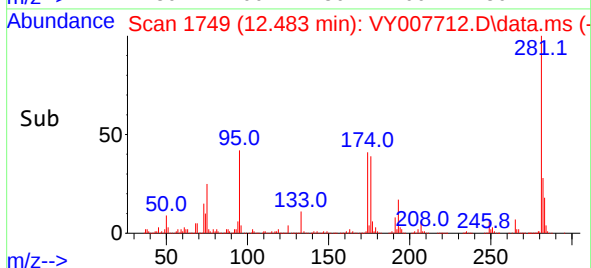
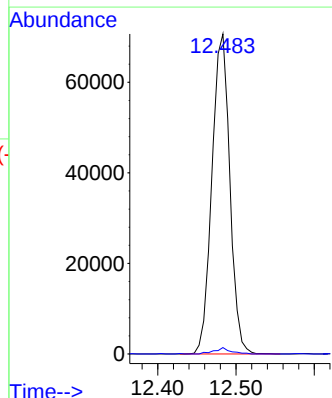
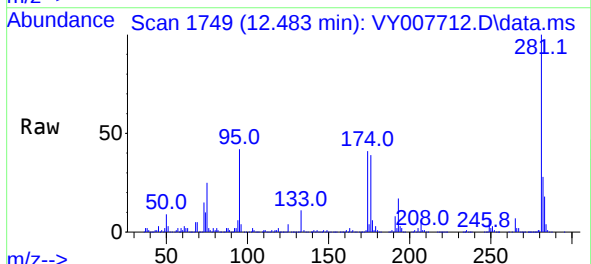
Instrument :
 MSVOA_Y
 ClientSampleId :

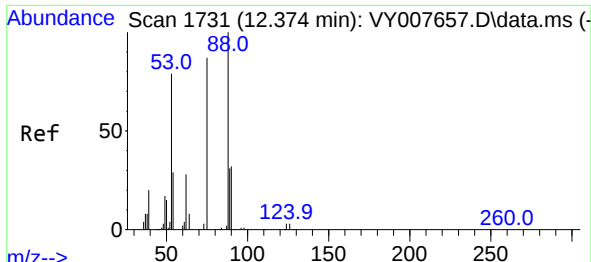
Tgt Ion:152 Resp: 199222
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.345 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007712.D
 Acq: 03 Mar 2022 18:15

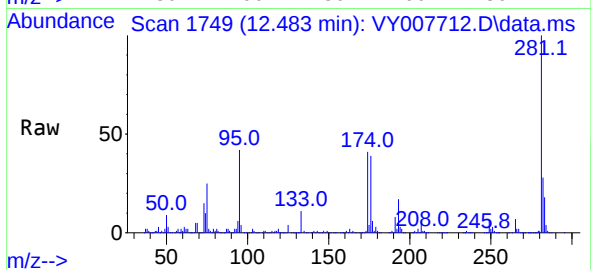
Tgt Ion: 75 Resp: 112009
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 102.923 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007712.D
Acq: 03 Mar 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 112009
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 2.7 37.0 55.4#

