

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007730.D
 Acq On : 04 Mar 2022 02:30
 Operator : SY/MD
 Sample : N1730-09
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 07:31:34 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)

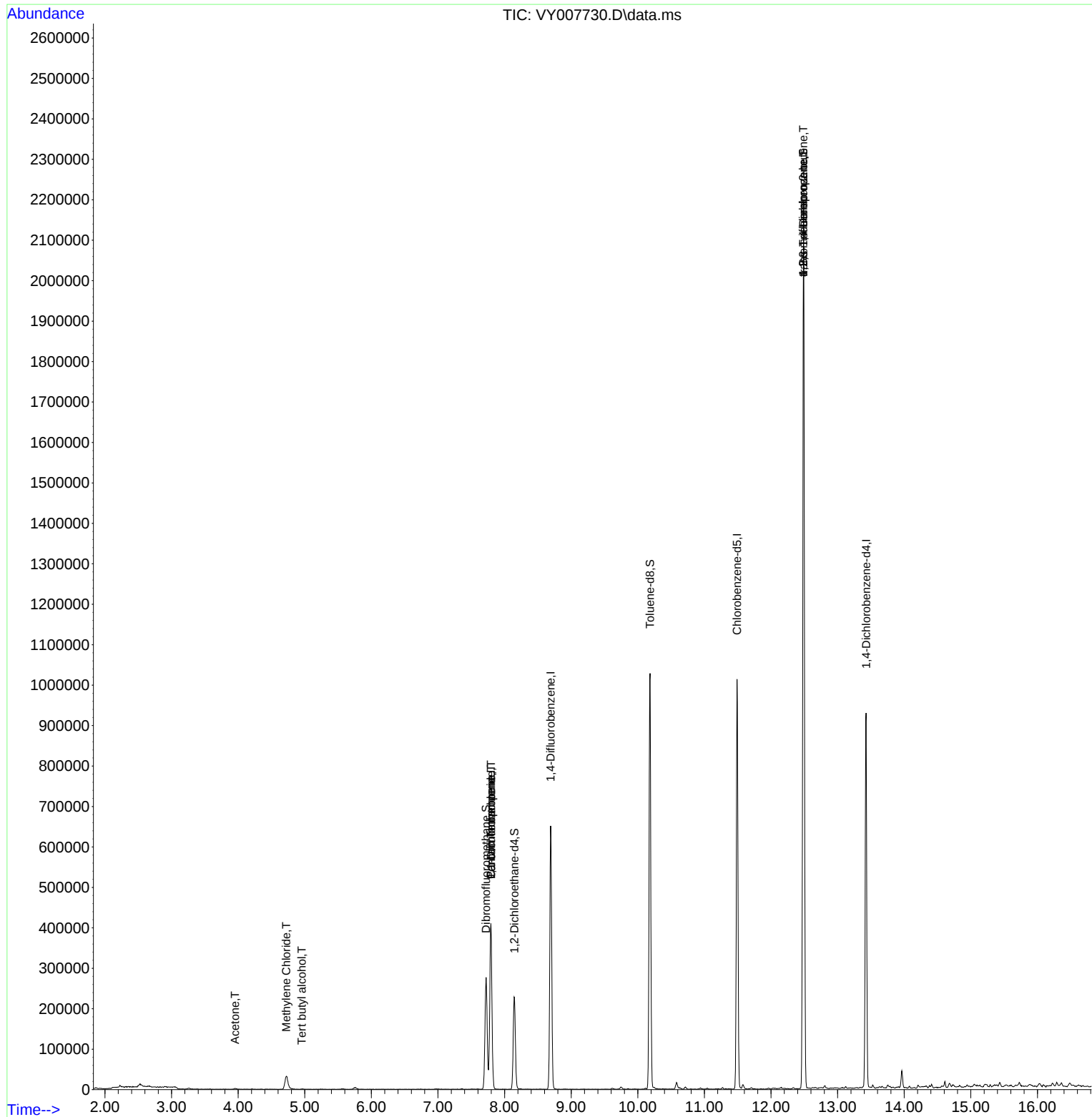
Internal Standards						
1) Pentafluorobenzene	7.795	168	328907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	573981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	556309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	238915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	178124	51.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.460%	
35) Dibromofluoromethane	7.722	113	186582	50.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.680%	
50) Toluene-d8	10.185	98	697185	51.612	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.220%	
62) 4-Bromofluorobenzene	12.483	95	226598	52.040	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	136	Below Cal	#	43
3) Chloromethane	2.113	50	994	Below Cal	#	89
11) Tert butyl alcohol	4.954	59	649	2.177	ug/l #	77
13) Acrolein	3.765	56	22	Below Cal	#	1
16) Acetone	3.954	43	3096	4.420	ug/l	92
17) Carbon Disulfide	4.192	76	56	Below Cal	#	75
18) Methyl Acetate	4.479	43	839	Below Cal	#	56
20) Methylene Chloride	4.722	84	25385	3.507	ug/l #	81
31) Cyclohexane	7.795	56	6779	Below Cal	#	1
36) 1,1-Dichloropropene	7.795	75	23898	4.140	ug/l #	51
38) Carbon Tetrachloride	7.795	117	31719	5.151	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	141029	52.857	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	141029	108.060	ug/l #	9

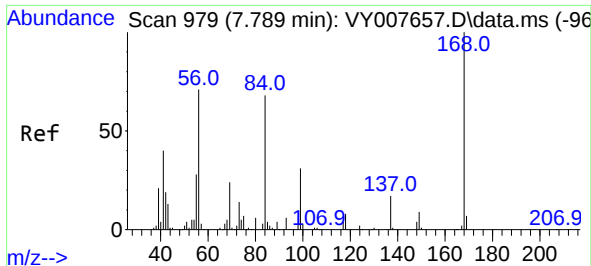
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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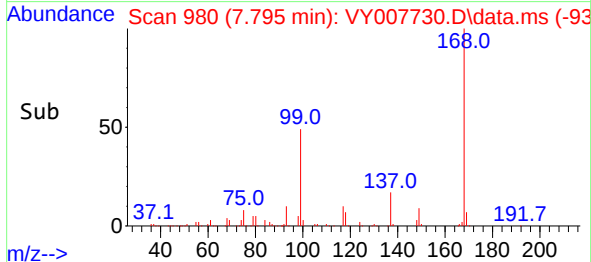
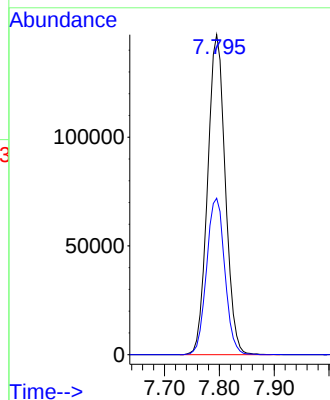
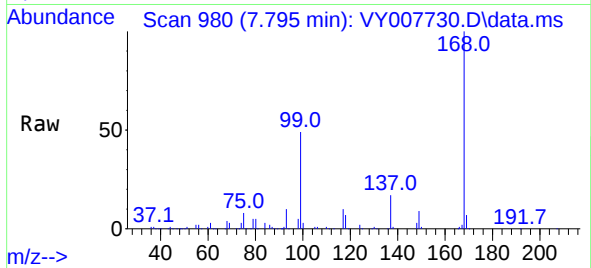




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

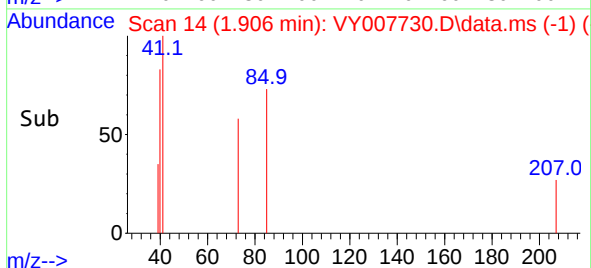
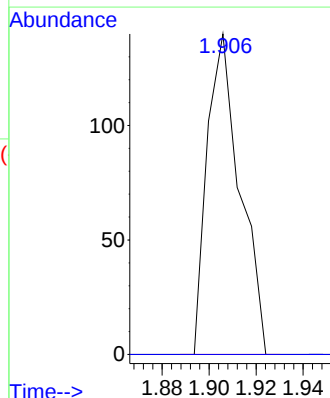
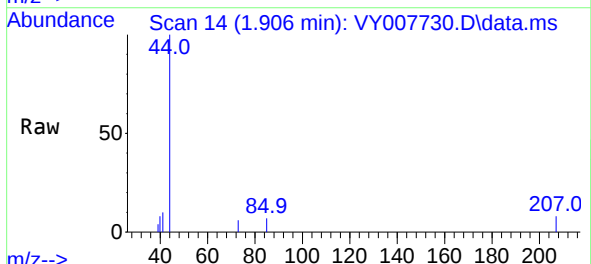
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 328907
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3

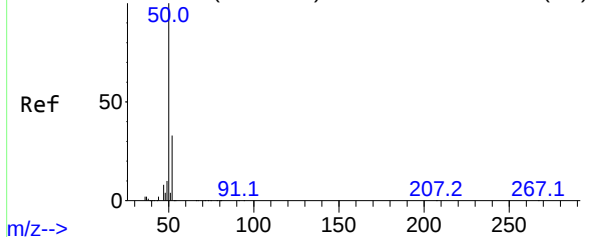


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

Tgt Ion: 85 Resp: 136
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

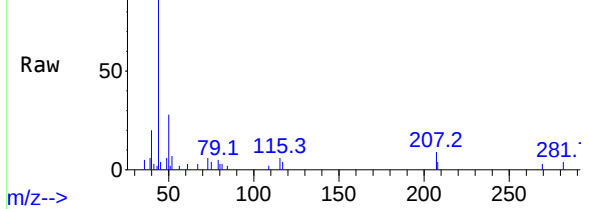


Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



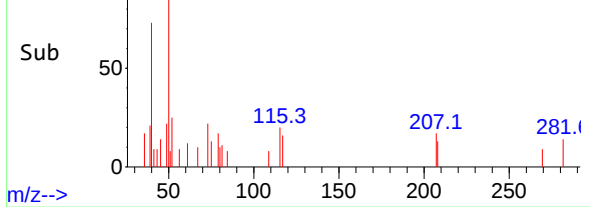
m/z-->

Abundance Scan 48 (2.113 min): VY007730.D\data.ms



m/z-->

Abundance Scan 48 (2.113 min): VY007730.D\data.ms (-1)



m/z-->

#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY007730.D

Acq: 04 Mar 2022 02:30

Instrument :

MSVOA_Y

ClientSampleId :

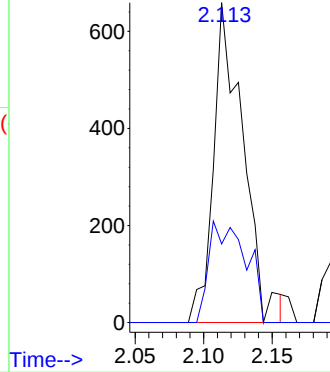
Tgt Ion: 50 Resp: 994

Ion Ratio Lower Upper

50 100

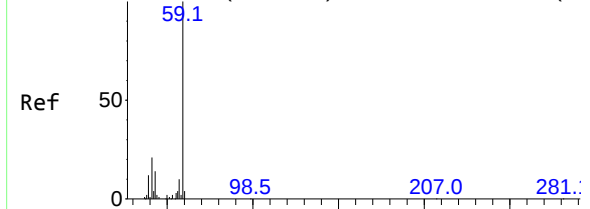
52 24.6 24.6 37.0#

Abundance



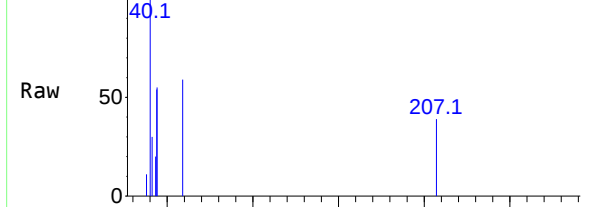
Time-->

Abundance Scan 515 (4.960 min): VY007657.D\data.ms (-49)



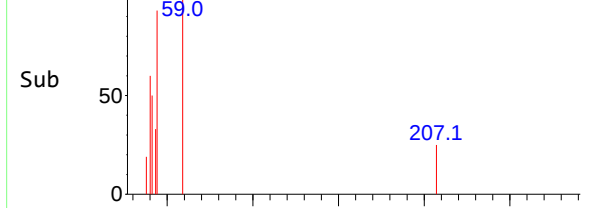
m/z-->

Abundance Scan 514 (4.954 min): VY007730.D\data.ms



m/z-->

Abundance Scan 514 (4.954 min): VY007730.D\data.ms (-46)



m/z-->

#11

Tert butyl alcohol

Concen: 2.177 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY007730.D

Acq: 04 Mar 2022 02:30

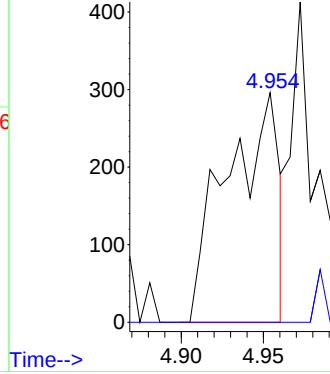
Tgt Ion: 59 Resp: 649

Ion Ratio Lower Upper

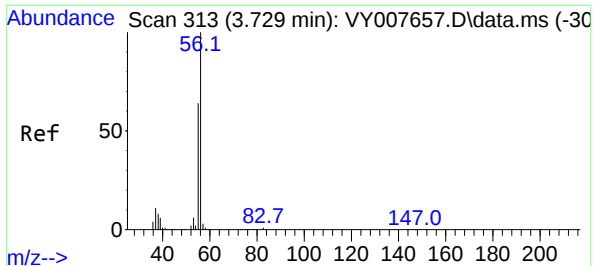
59 100

57 0.0 6.4 9.6#

Abundance



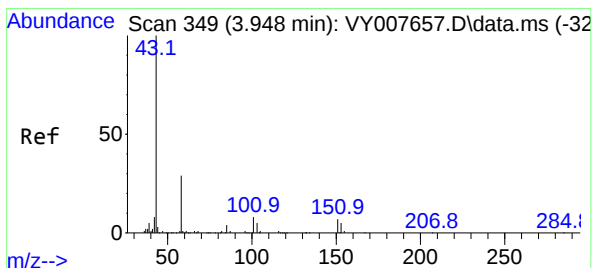
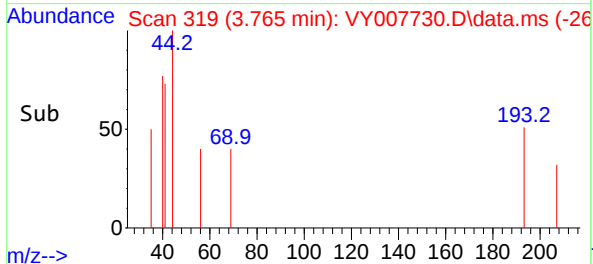
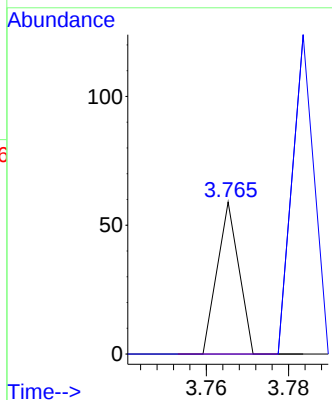
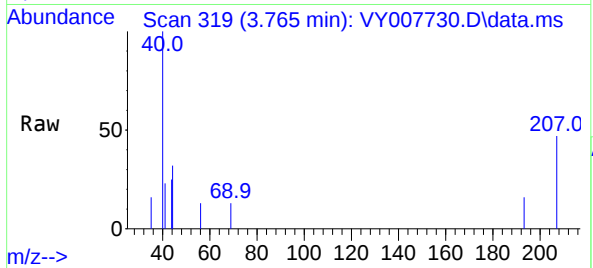
Time-->



#13
Acrolein
Concen: Below Cal
RT: 3.765 min Scan# 311
Delta R.T. 0.036 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

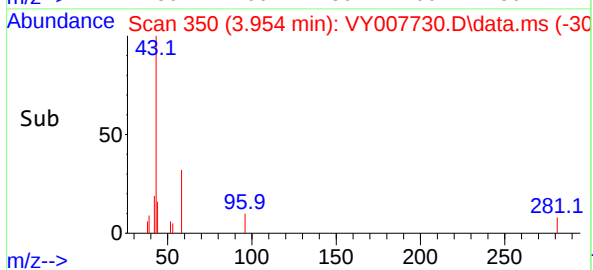
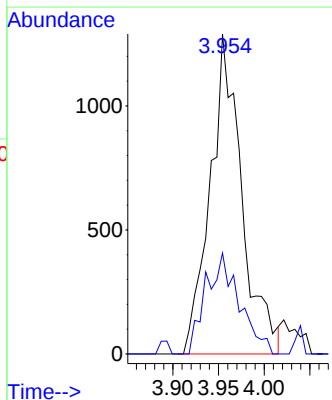
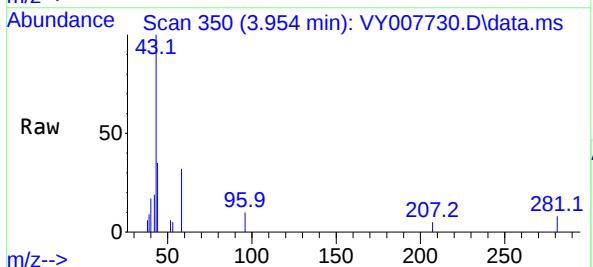
Instrument :
MSVOA_Y
ClientSampleId :

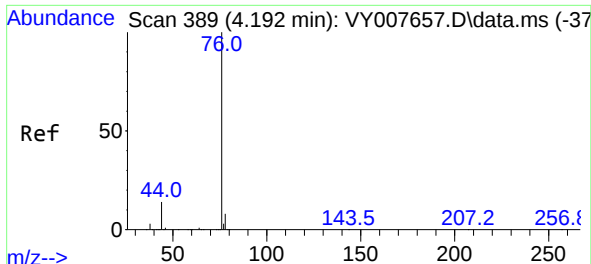
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 204.5 57.6 86.4#



#16
Acetone
Concen: 4.420 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

Tgt Ion: 43 Resp: 3096
Ion Ratio Lower Upper
43 100
58 31.6 22.0 33.0

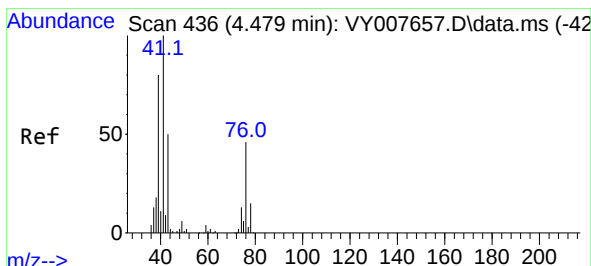
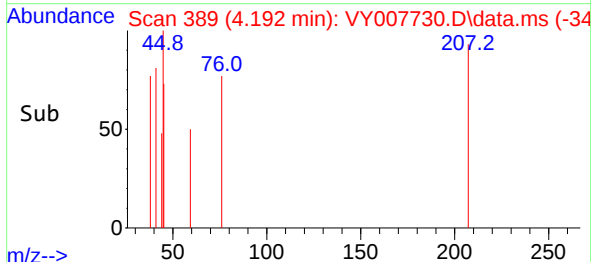
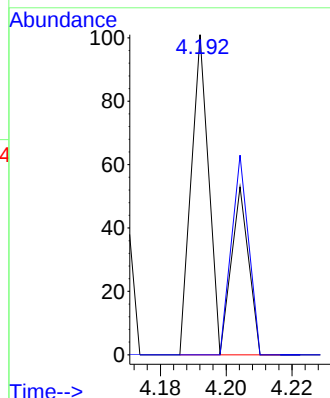
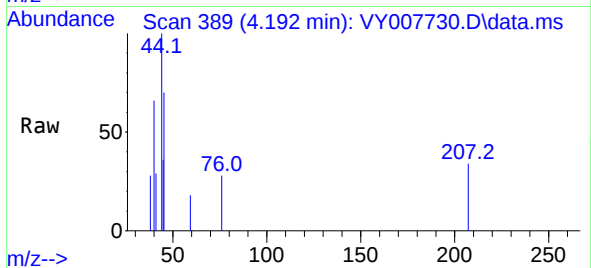




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

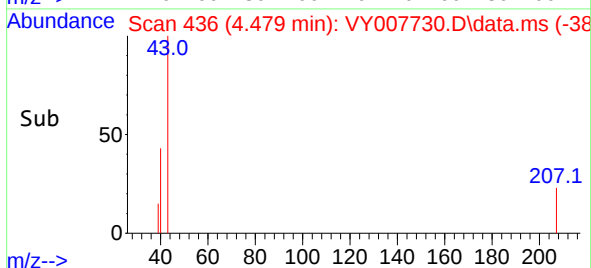
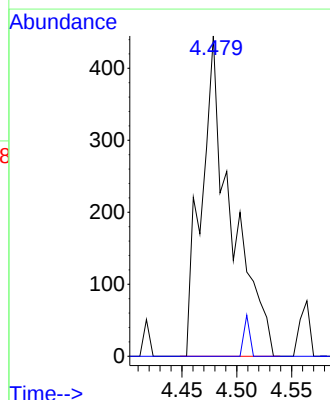
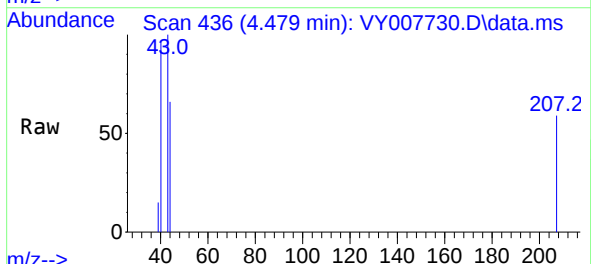
Instrument :
MSVOA_Y
ClientSampleId :

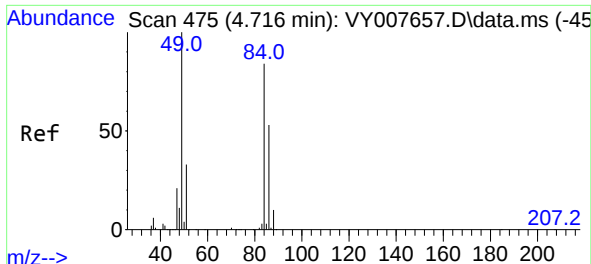
Tgt Ion: 76 Resp: 56
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

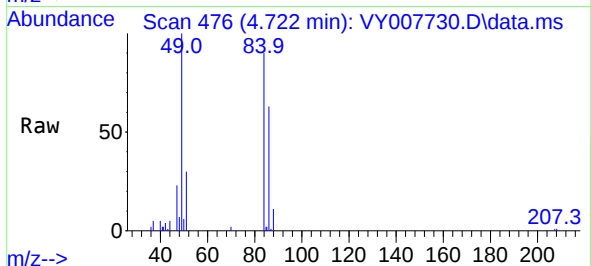
Tgt Ion: 43 Resp: 839
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





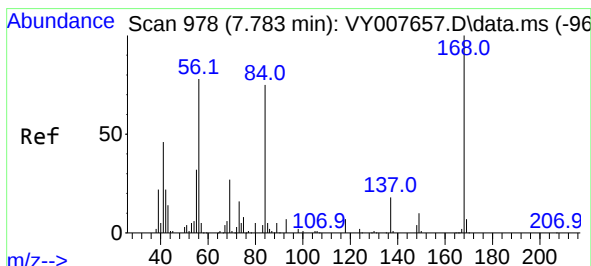
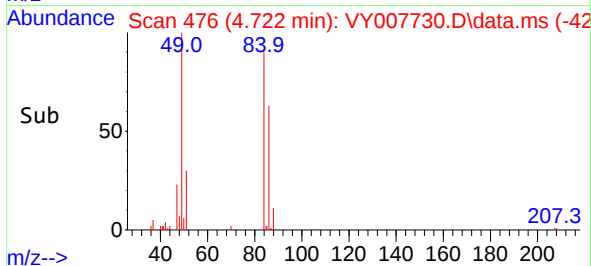
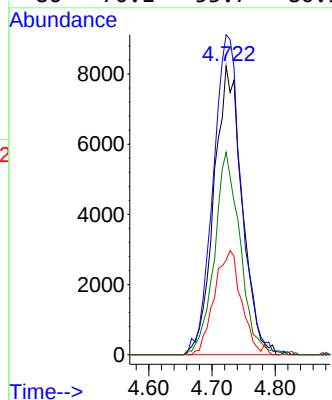
#20
Methylene Chloride
Concen: 3.507 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 25385

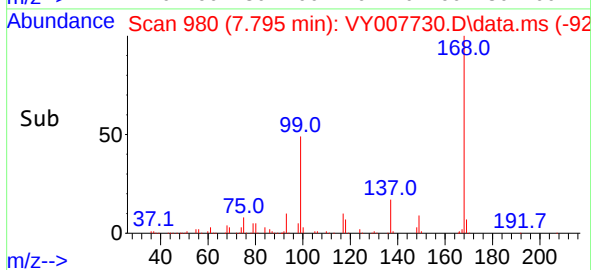
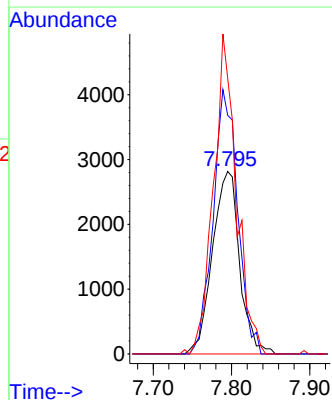
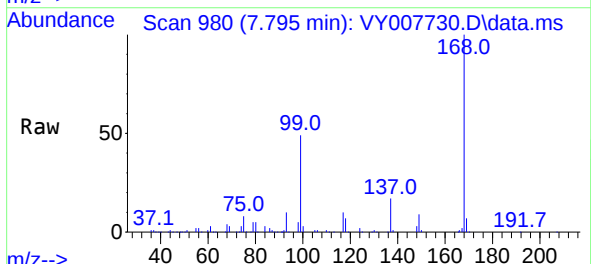
Ion	Ratio	Lower	Upper
84	100		
49	110.9	114.4	171.6#
51	32.7	35.3	52.9#
86	70.1	53.7	80.5

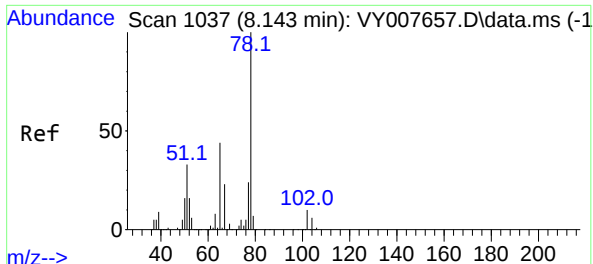


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

Tgt Ion: 56 Resp: 6779

Ion	Ratio	Lower	Upper
56	100		
69	130.6	26.7	40.1#
84	150.9	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 51.730 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007730.D

Acq: 04 Mar 2022 02:30

Instrument :

MSVOA_Y

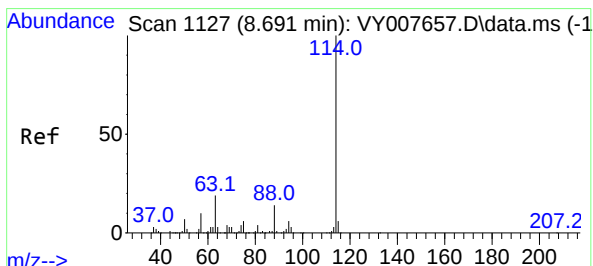
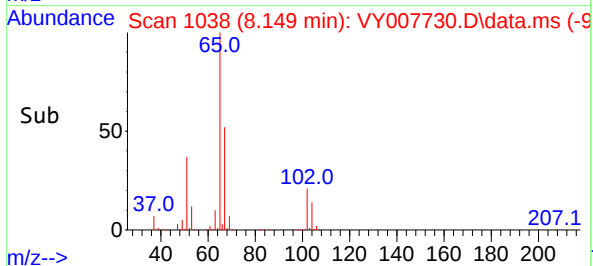
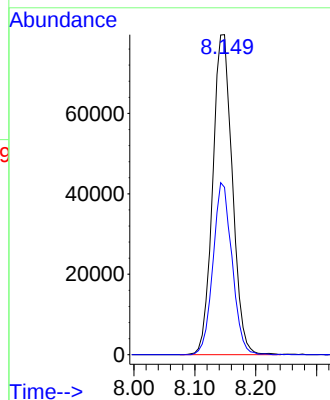
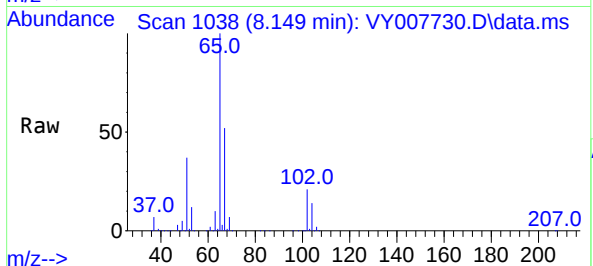
ClientSampleId :

Tgt Ion: 65 Resp: 178124

Ion Ratio Lower Upper

65 100

67 52.1 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: VY007730.D

Acq: 04 Mar 2022 02:30

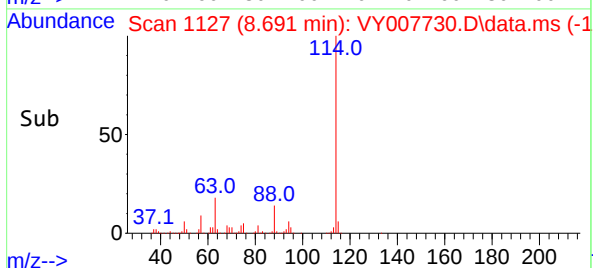
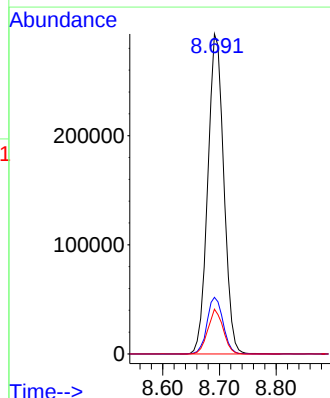
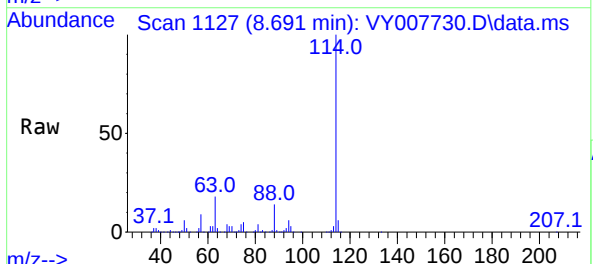
Tgt Ion: 114 Resp: 573981

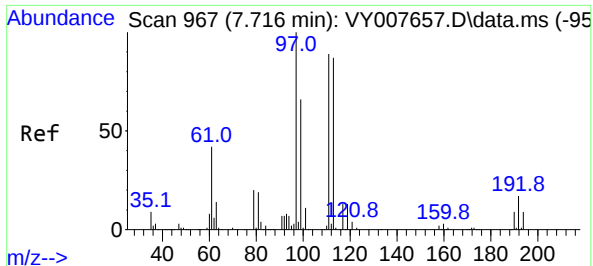
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.0 0.0 31.8

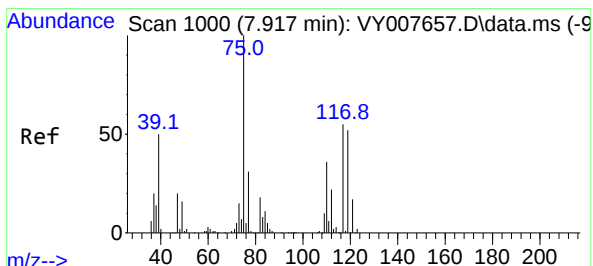
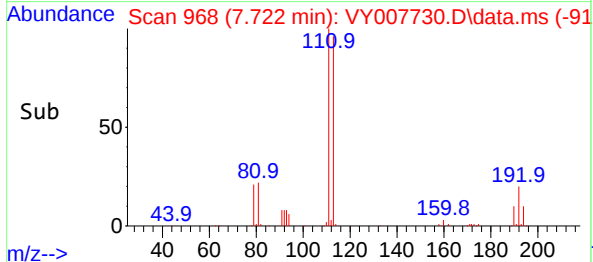
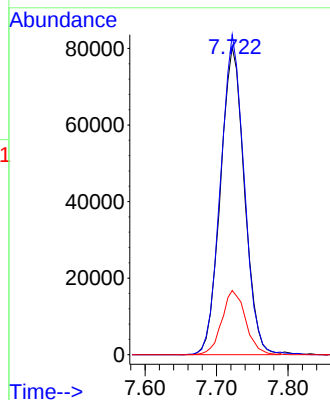
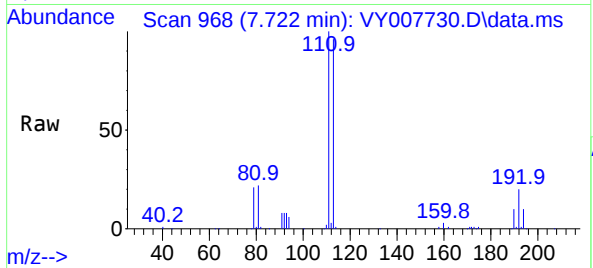




#35
Dibromofluoromethane
Concen: 50.845 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

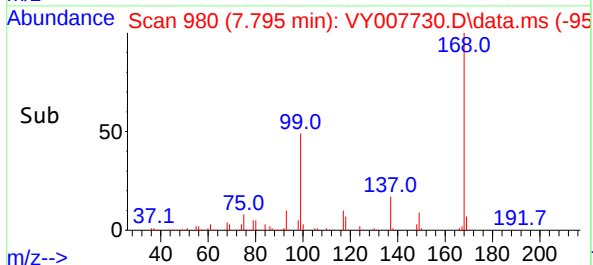
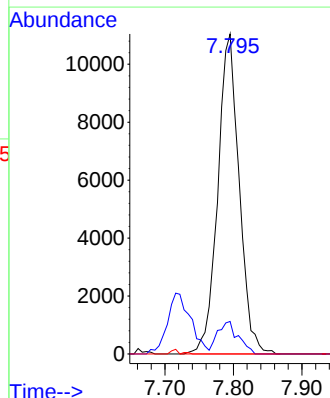
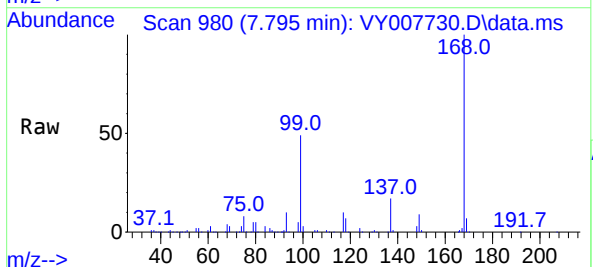
Instrument :
MSVOA_Y
ClientSampleId :

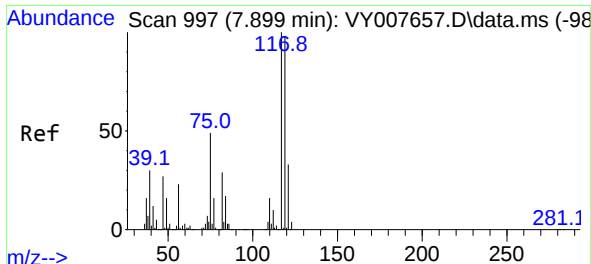
Tgt Ion:113 Resp: 186582
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.140 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

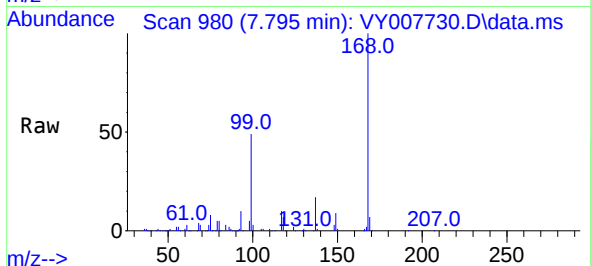
Tgt Ion: 75 Resp: 23898
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



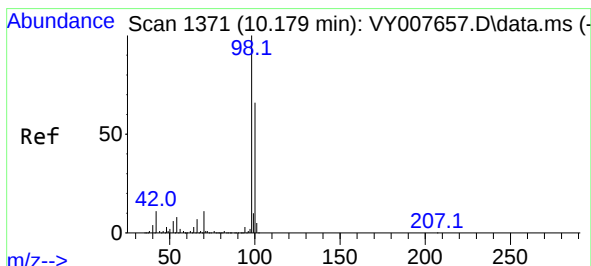
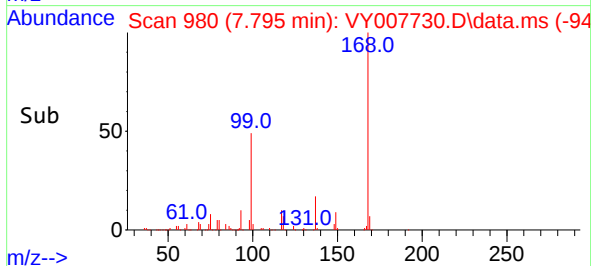
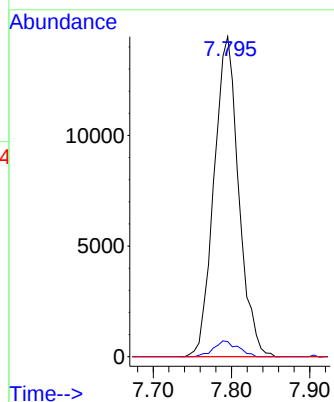


#38
Carbon Tetrachloride
Concen: 5.151 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

Instrument :
MSVOA_Y
ClientSampleId :

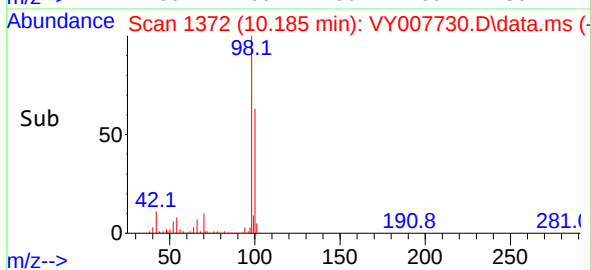
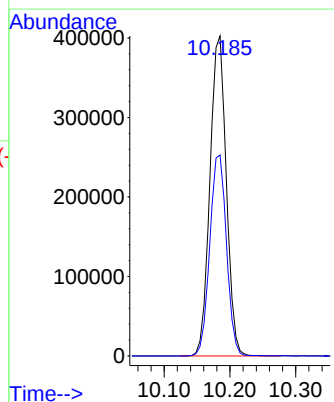
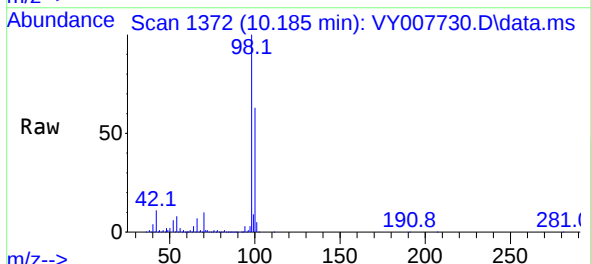


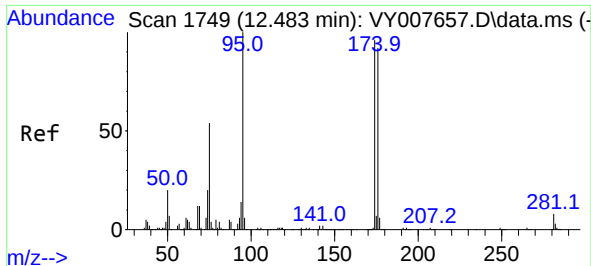
Tgt Ion:117 Resp: 31719
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.612 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

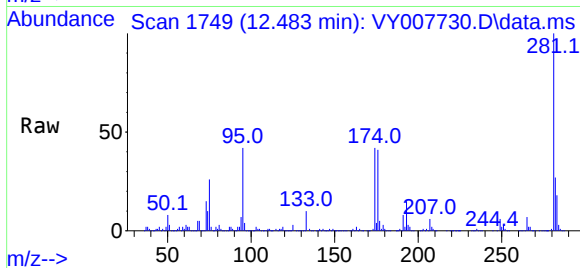
Tgt Ion: 98 Resp: 697185
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



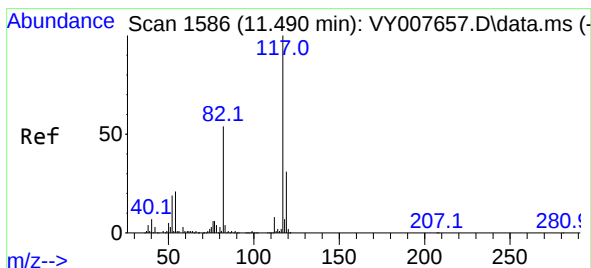
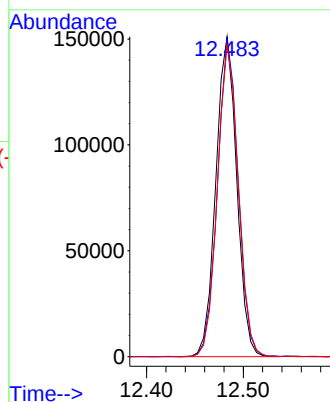
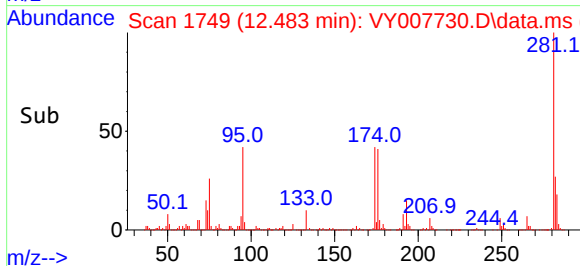


#62
4-Bromofluorobenzene
Concen: 52.040 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

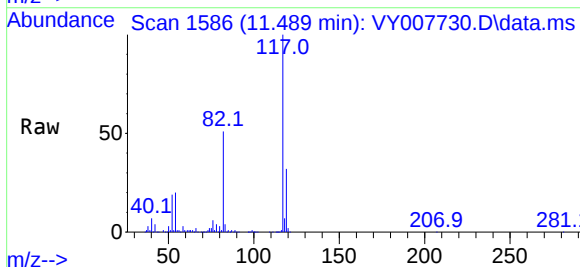
Instrument :
MSVOA_Y
ClientSampleId :



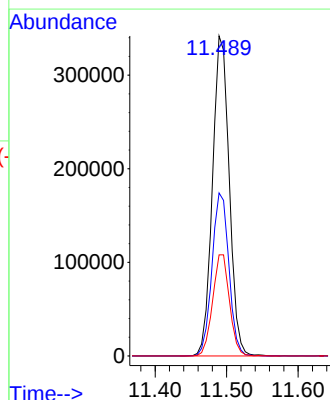
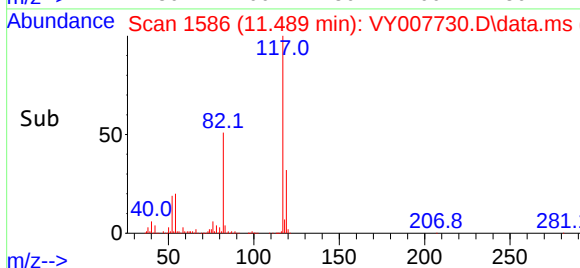
Tgt Ion: 95 Resp: 226598
Ion Ratio Lower Upper
95 100
174 98.2 0.0 177.0
176 97.4 0.0 175.8

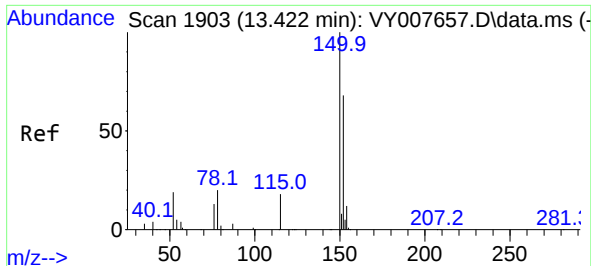


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30



Tgt Ion: 117 Resp: 556309
Ion Ratio Lower Upper
117 100
82 51.0 43.0 64.4
119 31.6 25.4 38.0



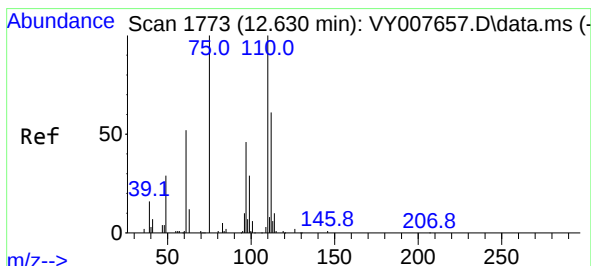
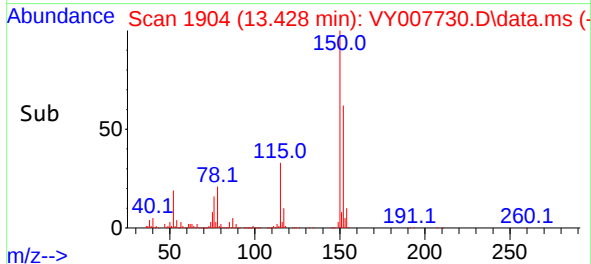
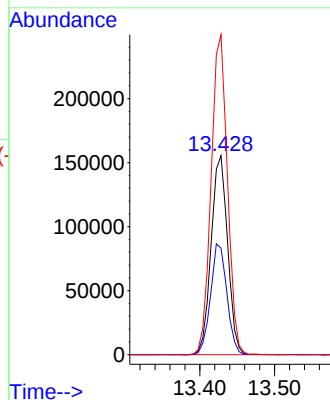
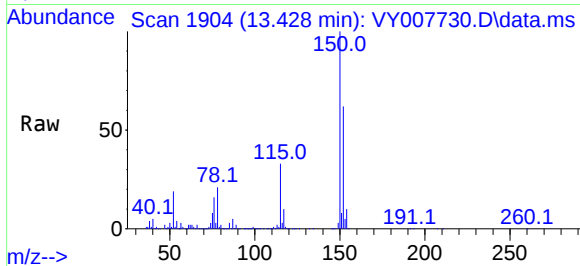


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007730.D
 Acq: 04 Mar 2022 02:30

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 238915

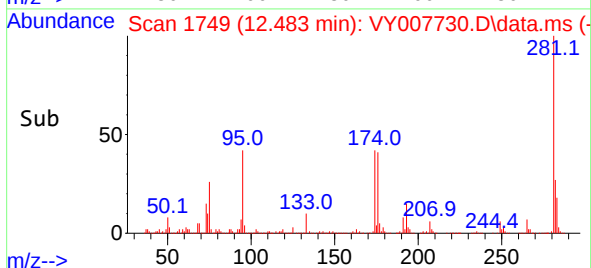
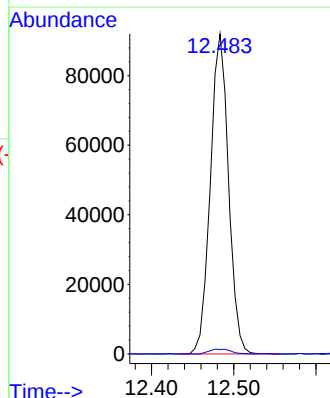
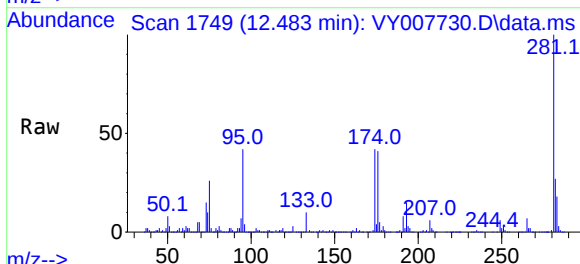
Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.2	84.7
150	158.9	0.0	347.6

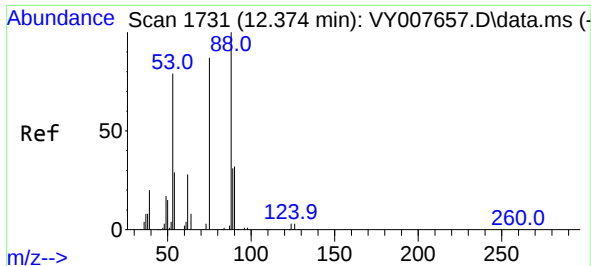


#76
 1,2,3-Trichloropropane
 Concen: 52.857 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007730.D
 Acq: 04 Mar 2022 02:30

Tgt Ion: 75 Resp: 141029

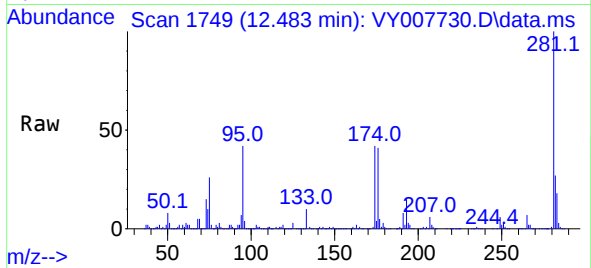
Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 108.060 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007730.D
Acq: 04 Mar 2022 02:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 141029
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 2.7 37.0 55.4#

