

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030422\
 Data File : VY007748.D
 Acq On : 04 Mar 2022 17:40
 Operator : SY/MD
 Sample : N1789-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 05 04:25:41 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)

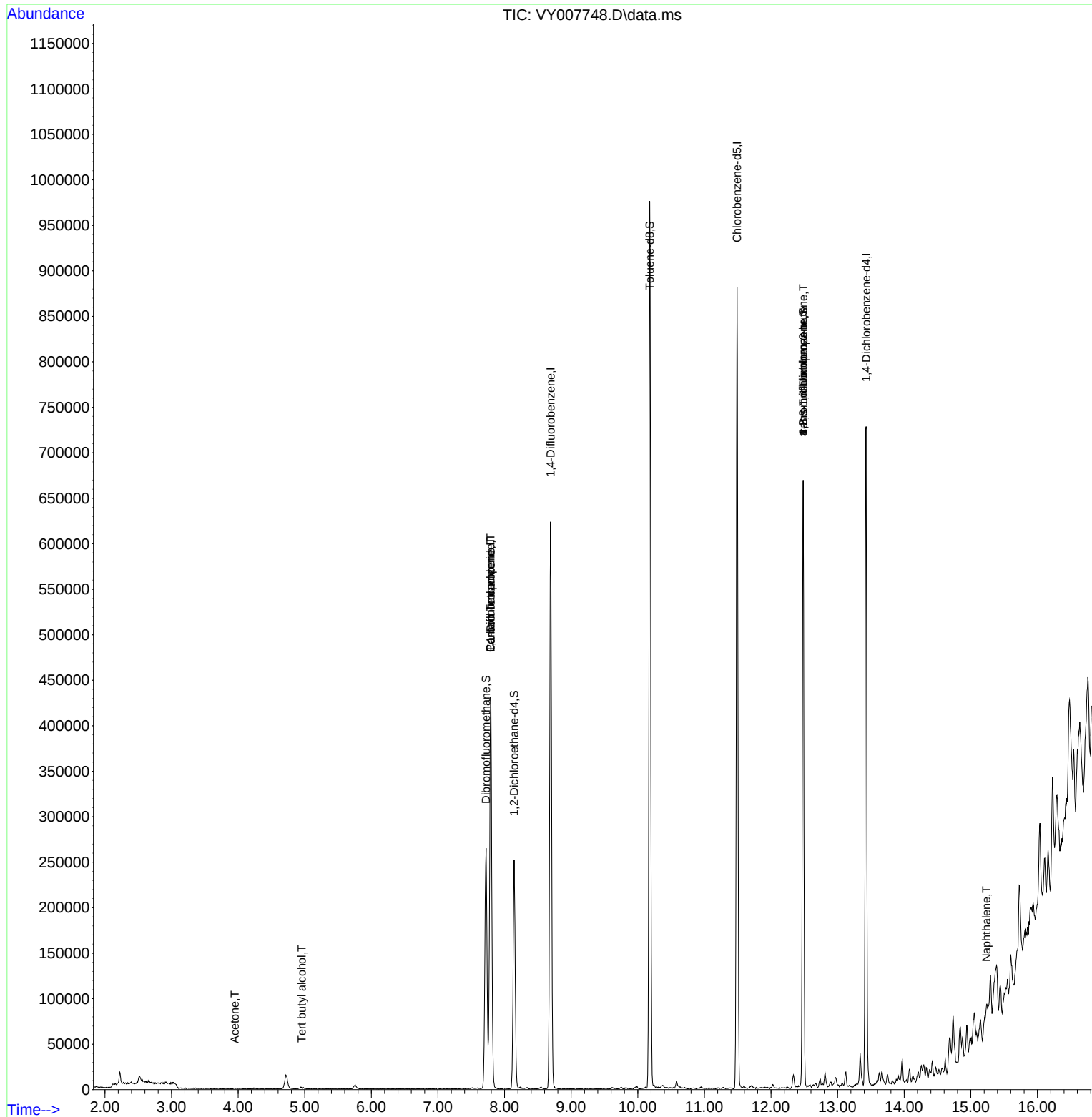
Internal Standards						
1) Pentafluorobenzene	7.789	168	347389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	547790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	478661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	183171	50.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.740%	
35) Dibromofluoromethane	7.722	113	178293	50.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.820%	
50) Toluene-d8	10.179	98	647969	50.262	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.483	95	180294	43.386	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.780%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48	Below Cal	#	43
3) Chloromethane	2.119	50	998	Below Cal	#	82
11) Tert butyl alcohol	4.954	59	2921	9.277	ug/l	100
13) Acrolein	3.729	56	67	Below Cal	#	36
16) Acetone	3.948	43	947	1.280	ug/l #	83
17) Carbon Disulfide	4.198	76	146	Below Cal	#	75
18) Methyl Acetate	4.466	43	136	Below Cal	#	56
20) Methylene Chloride	4.723	84	11238	Below Cal	#	74
31) Cyclohexane	7.789	56	7417	Below Cal	#	14
36) 1,1-Dichloropropene	7.789	75	25506	4.630	ug/l #	51
38) Carbon Tetrachloride	7.789	117	32978	5.612	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	102170	47.875	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	102170	97.874	ug/l #	7
95) Naphthalene	15.233	128	26506	3.397	ug/l #	92

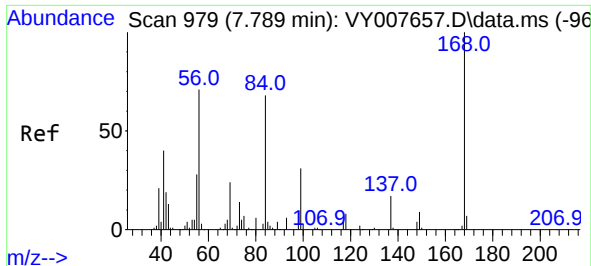
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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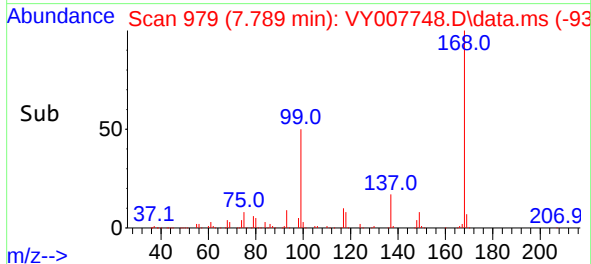
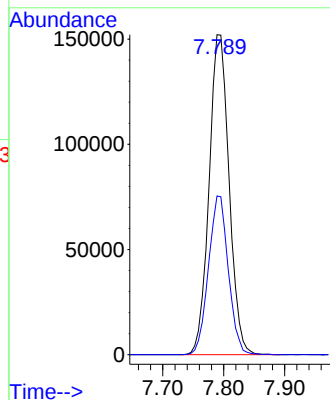
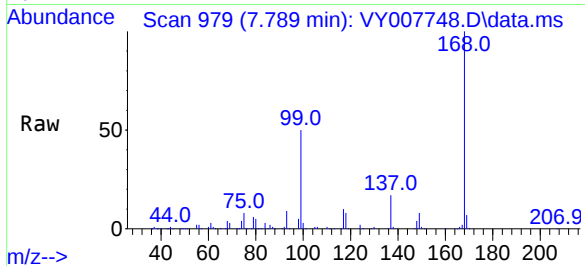




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

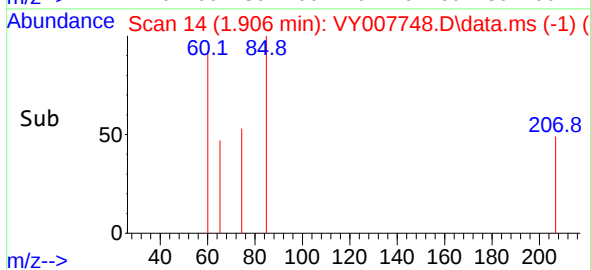
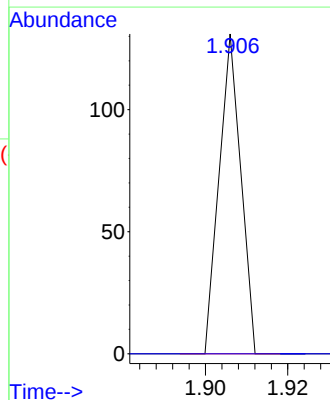
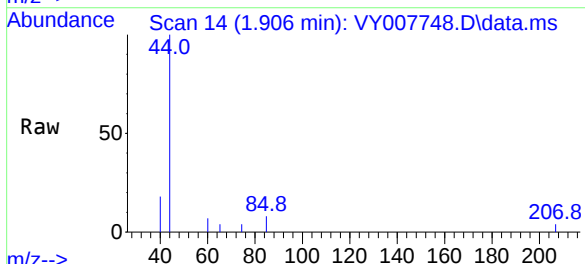
Instrument :
MSVOA_Y
ClientSampleId :

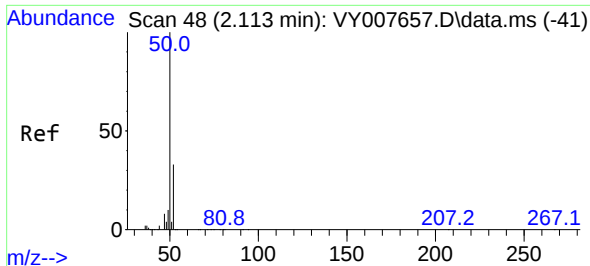
Tgt Ion:168 Resp: 347389
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

Tgt Ion: 85 Resp: 48
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

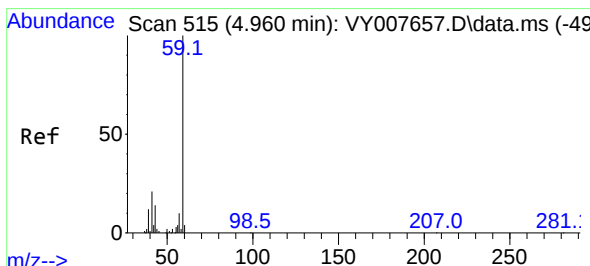
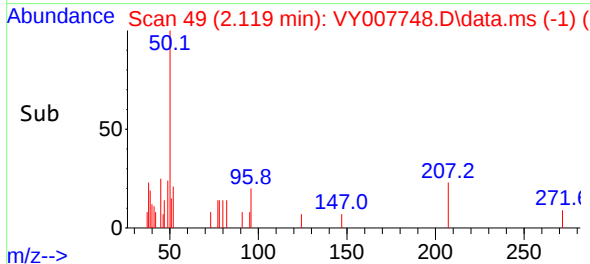
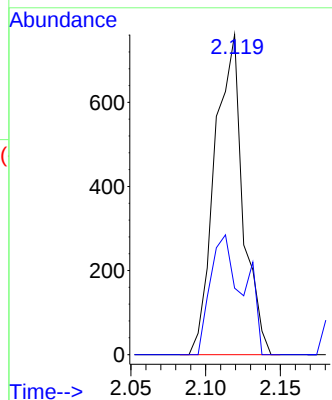
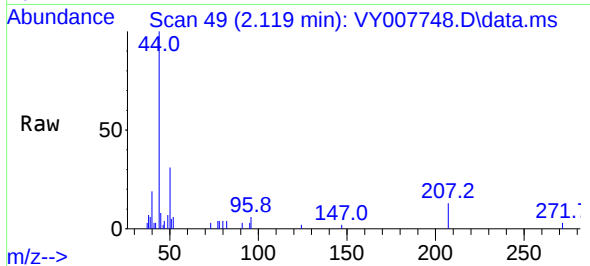




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

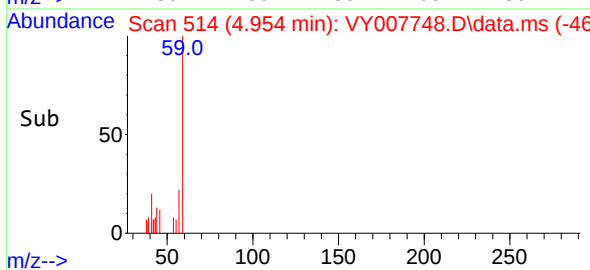
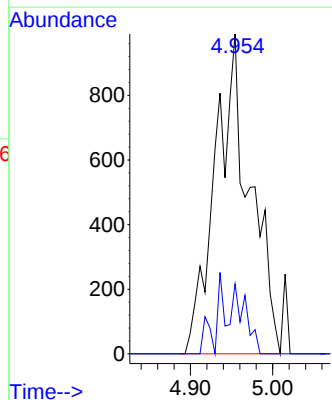
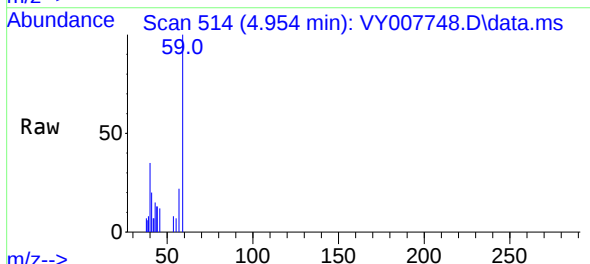
Instrument :
MSVOA_Y
ClientSampleId :

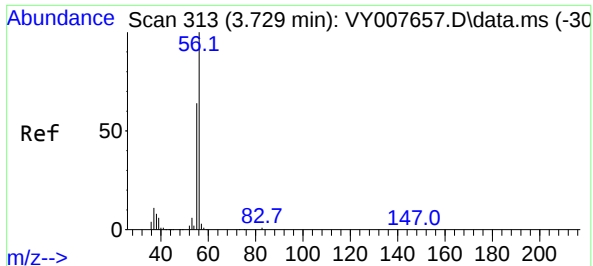
Tgt Ion: 50 Resp: 998
Ion Ratio Lower Upper
50 100
52 20.8 24.6 37.0#



#11
Tert butyl alcohol
Concen: 9.277 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

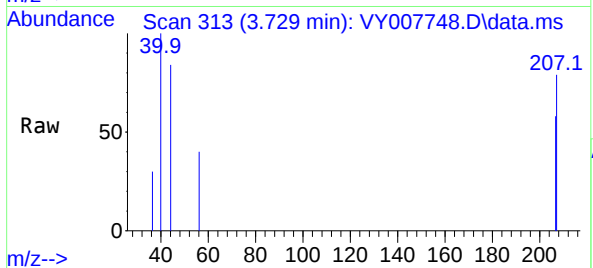
Tgt Ion: 59 Resp: 2921
Ion Ratio Lower Upper
59 100
57 7.9 6.4 9.6



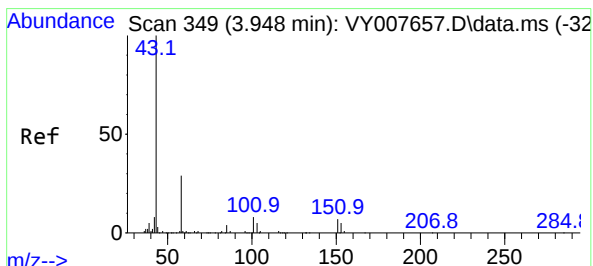
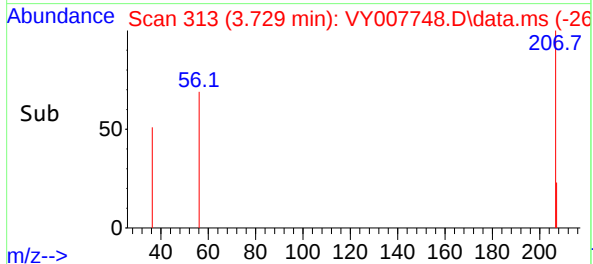
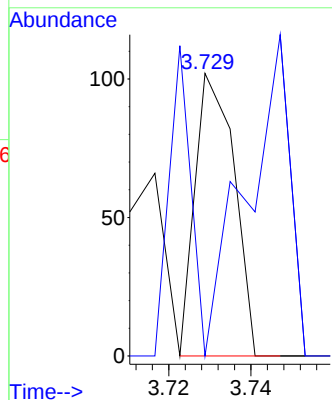


#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

Instrument :
MSVOA_Y
ClientSampleId :

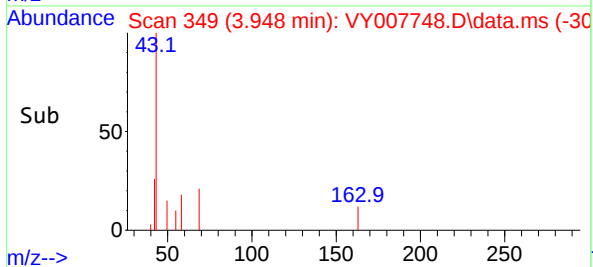
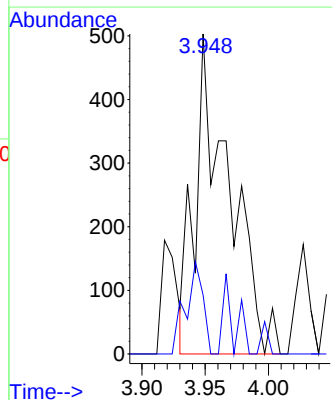
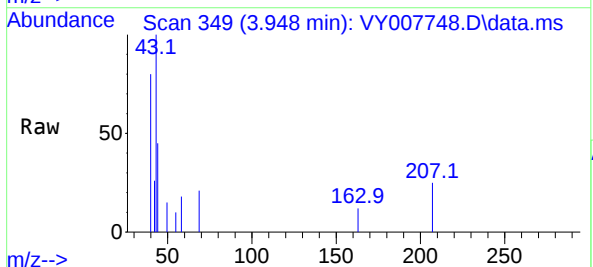


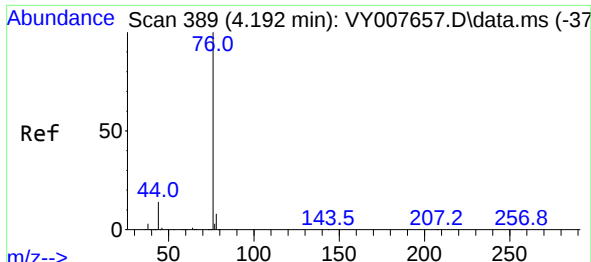
Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 125.4 57.6 86.4#



#16
Acetone
Concen: 1.280 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 18.5 22.0 33.0#

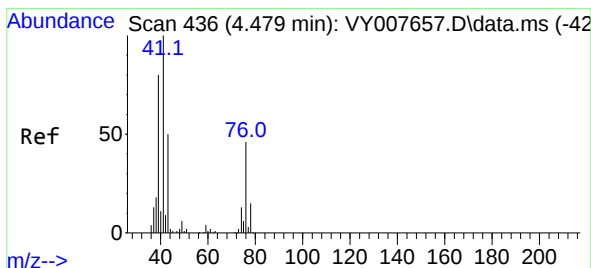
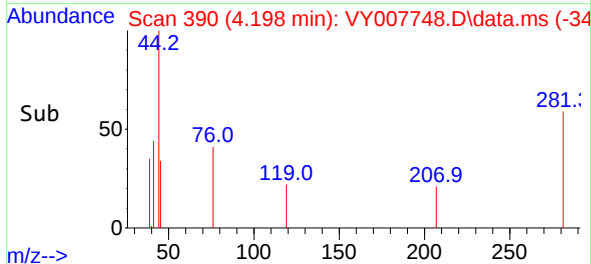
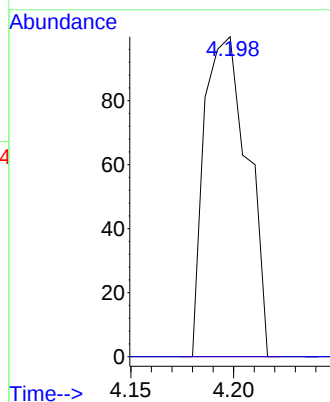
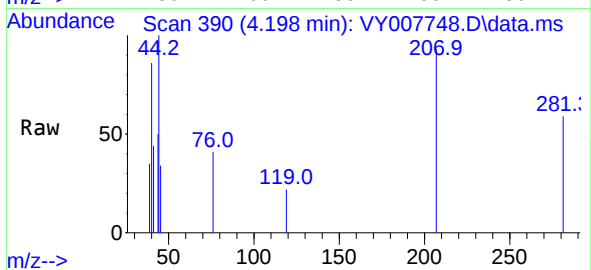




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

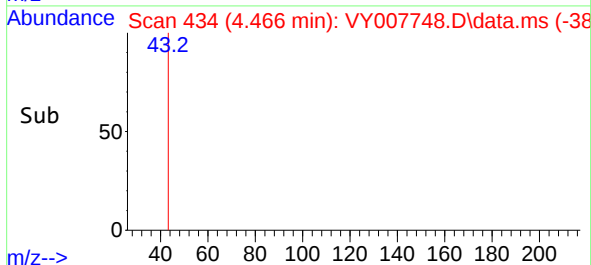
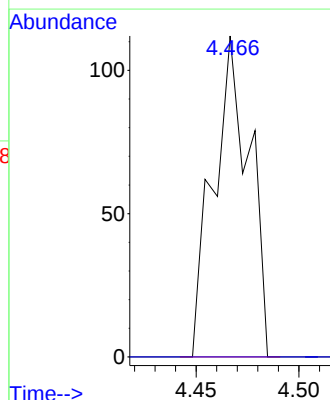
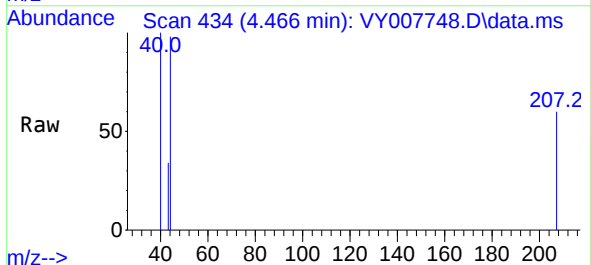
Instrument :
MSVOA_Y
ClientSampleId :

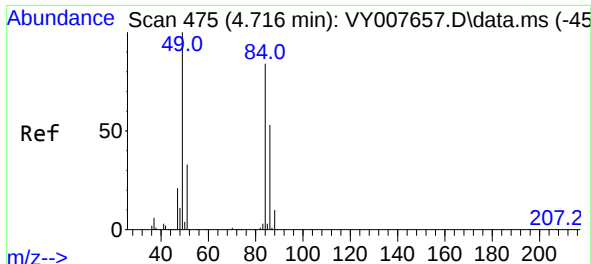
Tgt Ion: 76 Resp: 146
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.013 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

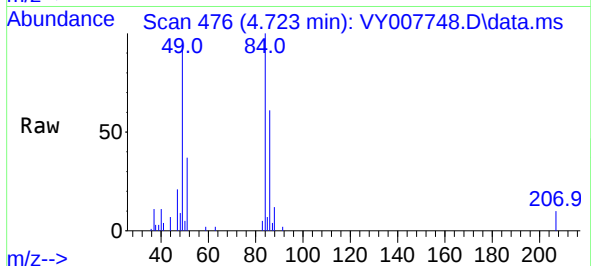
Tgt Ion: 43 Resp: 136
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





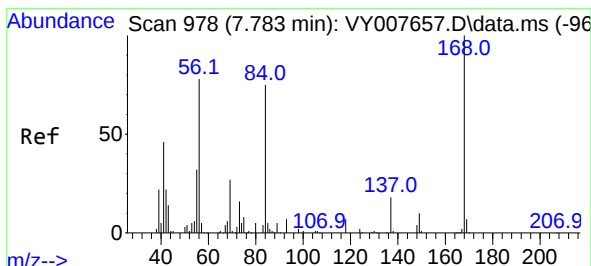
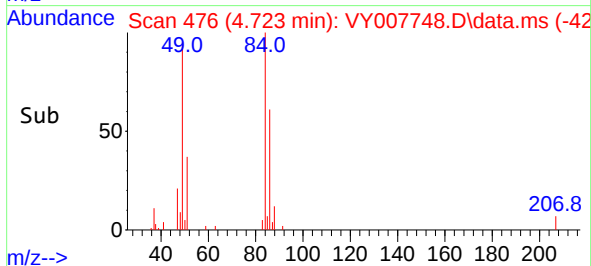
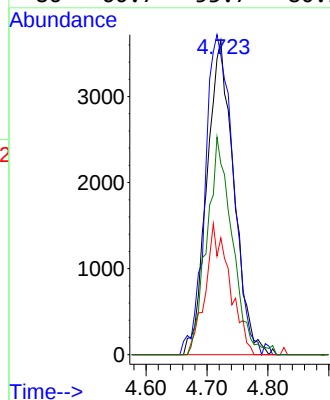
#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 11238

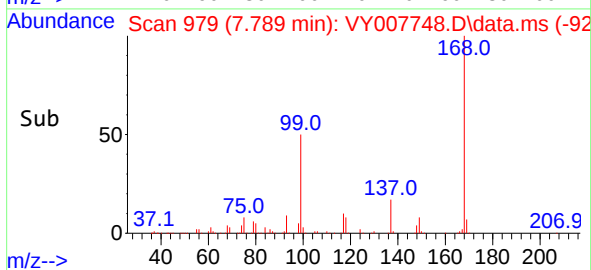
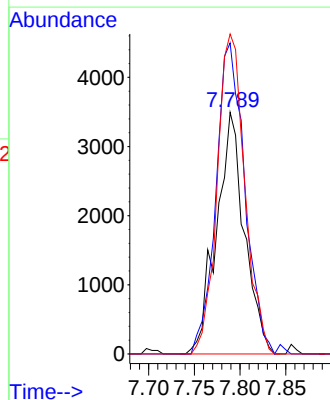
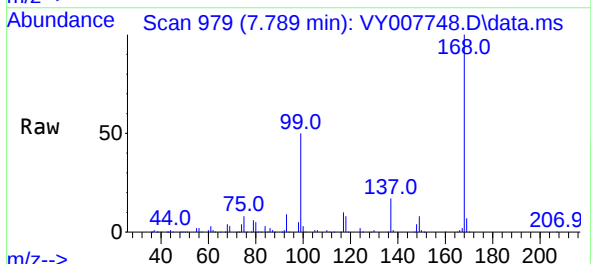
Ion	Ratio	Lower	Upper
84	100		
49	95.2	114.4	171.6#
51	37.2	35.3	52.9
86	60.7	53.7	80.5

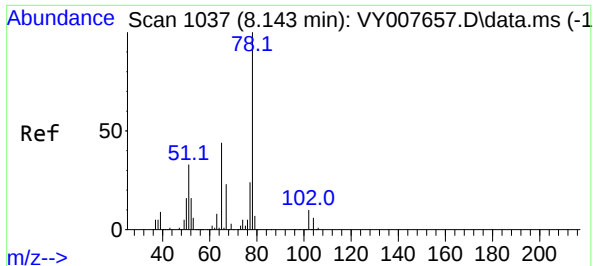


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

Tgt Ion: 56 Resp: 7417

Ion	Ratio	Lower	Upper
56	100		
69	128.7	26.7	40.1#
84	132.4	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 50.365 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007748.D

Acq: 04 Mar 2022 17:40

Instrument :

MSVOA_Y

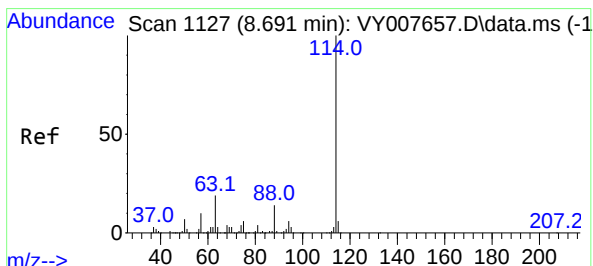
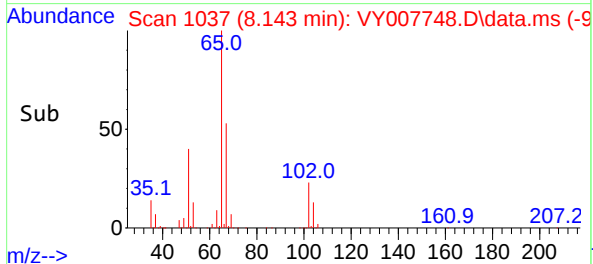
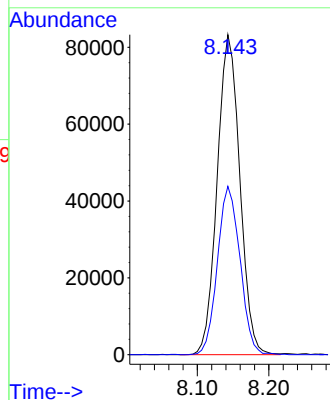
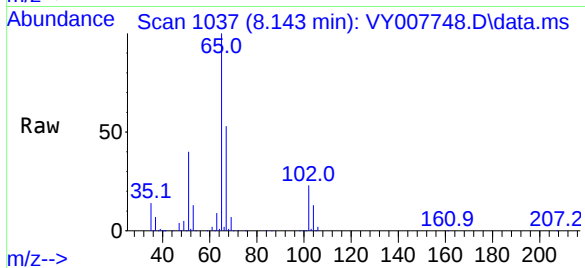
ClientSampleId :

Tgt Ion: 65 Resp: 183171

Ion Ratio Lower Upper

65 100

67 52.5 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: VY007748.D

Acq: 04 Mar 2022 17:40

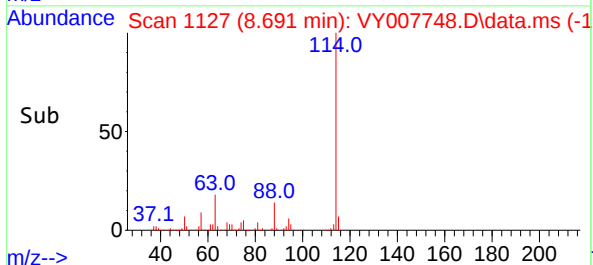
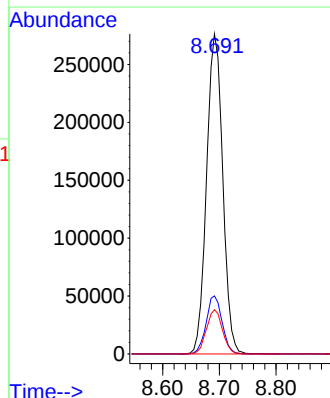
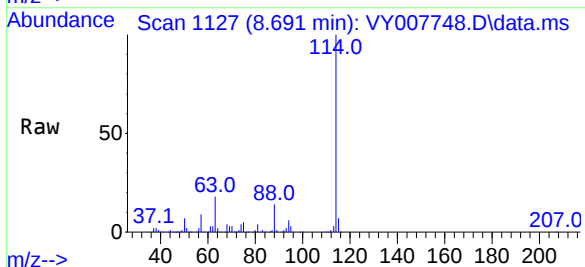
Tgt Ion:114 Resp: 547790

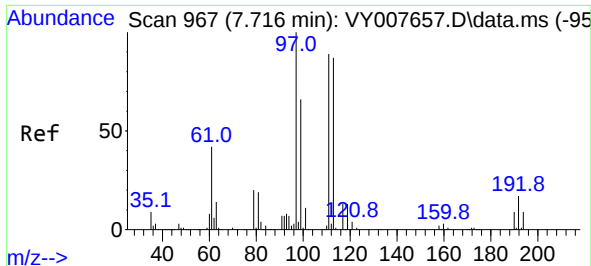
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

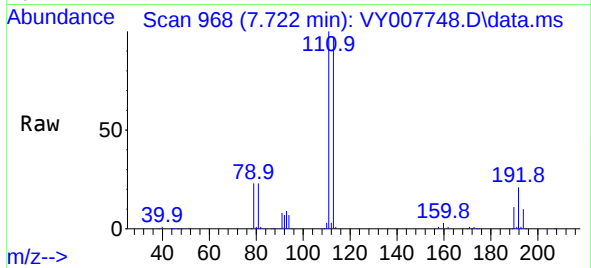
88 13.9 0.0 31.8



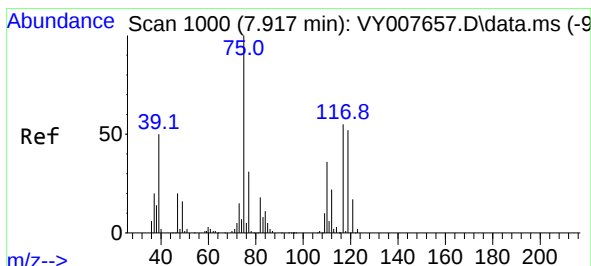
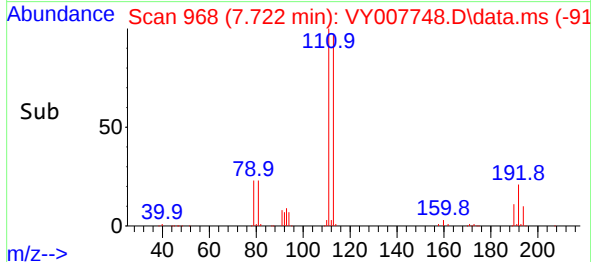
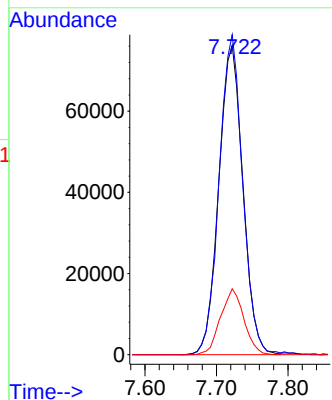


#35
Dibromofluoromethane
Concen: 50.909 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

Instrument :
MSVOA_Y
ClientSampleId :

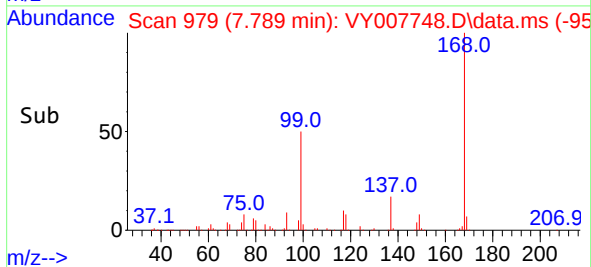
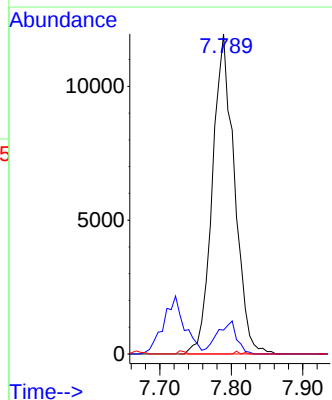
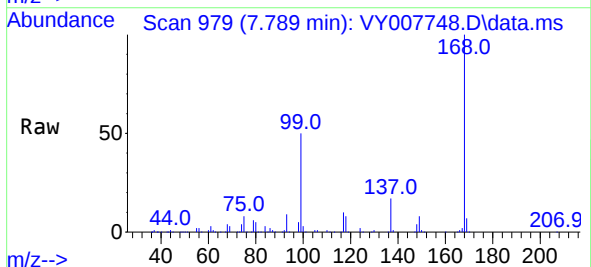


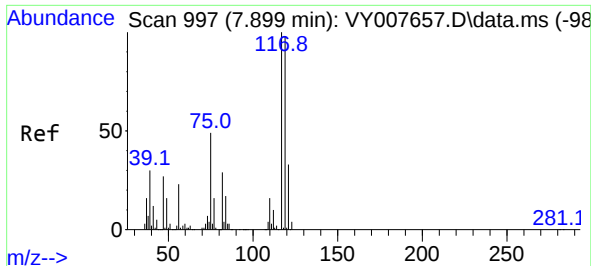
Tgt Ion:113 Resp: 178293
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 20.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

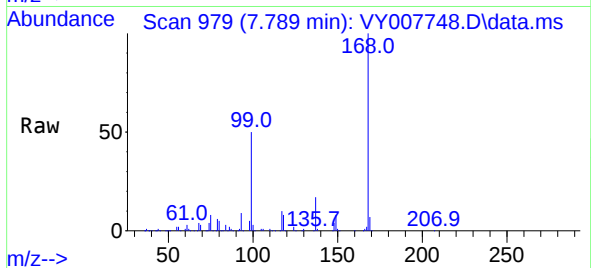
Tgt Ion: 75 Resp: 25506
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.2 24.4 36.6#



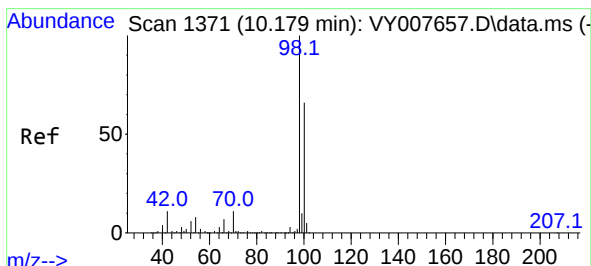
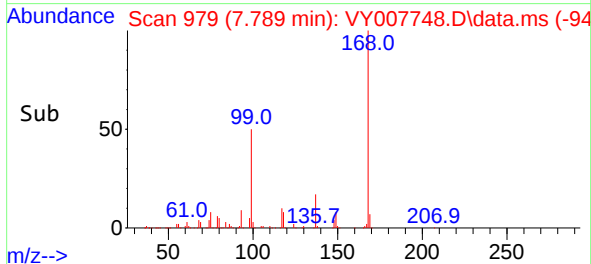
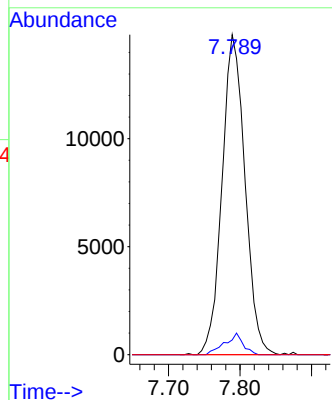


#38
Carbon Tetrachloride
Concen: 5.612 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

Instrument :
MSVOA_Y
ClientSampleId :

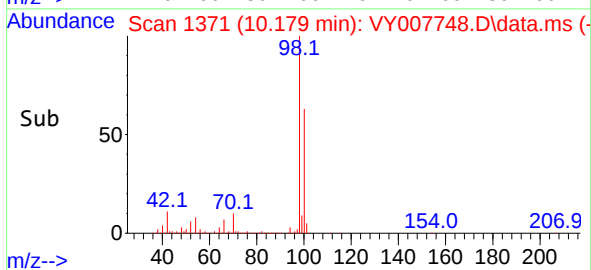
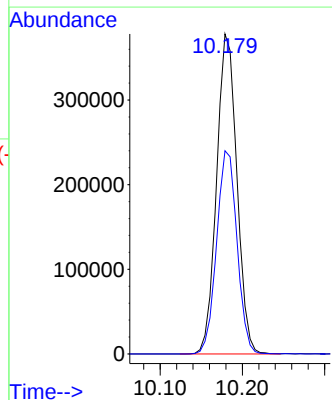
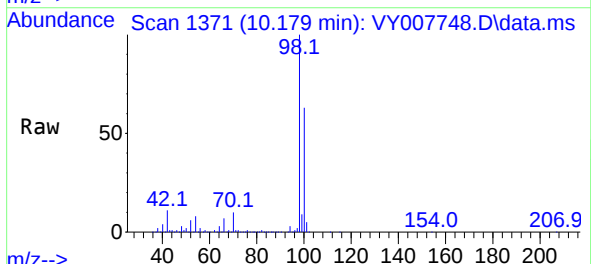


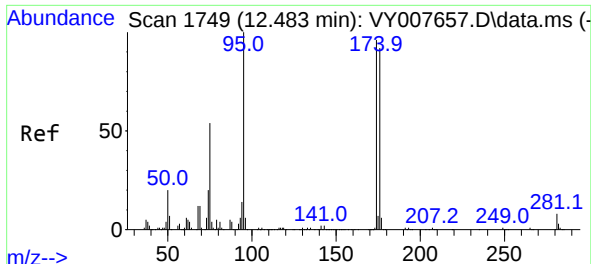
Tgt Ion:117 Resp: 32978
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.262 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

Tgt Ion: 98 Resp: 647969
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

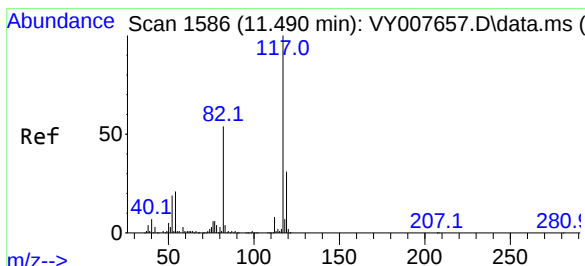
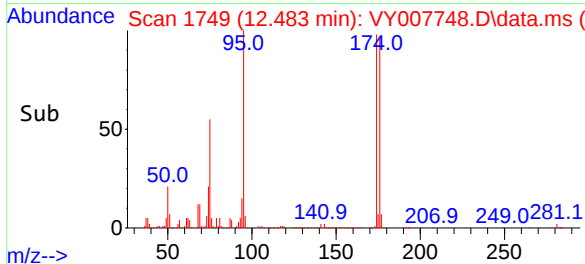
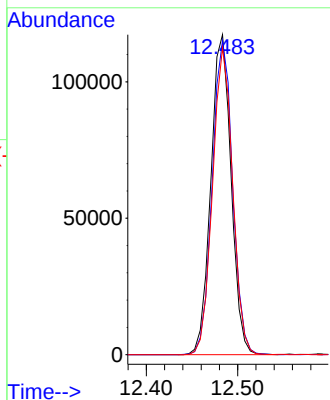
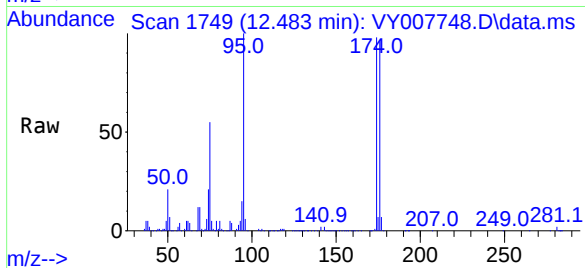




#62
4-Bromofluorobenzene
Concen: 43.386 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

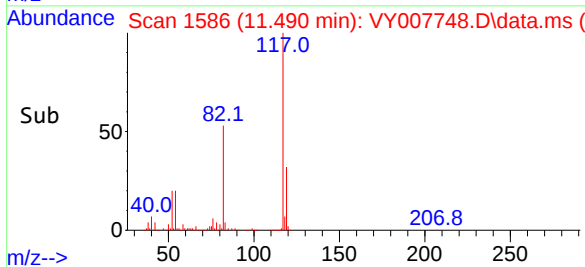
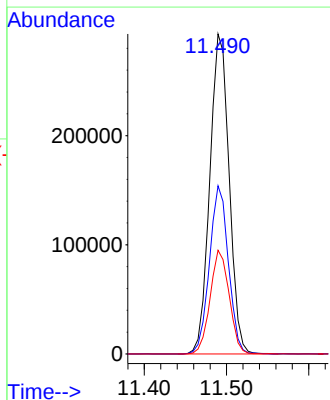
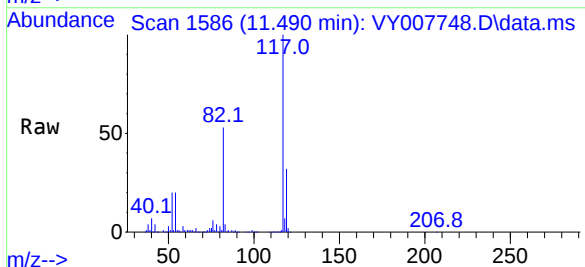
Instrument :
MSVOA_Y
ClientSampleId :

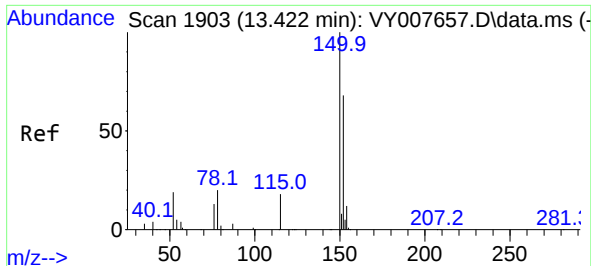
Tgt Ion: 95 Resp: 180294
Ion Ratio Lower Upper
95 100
174 98.8 0.0 177.0
176 95.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

Tgt Ion: 117 Resp: 478661
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 32.4 25.4 38.0



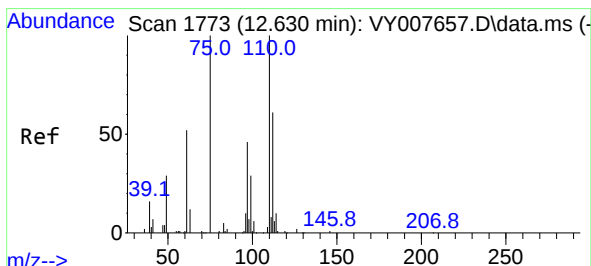
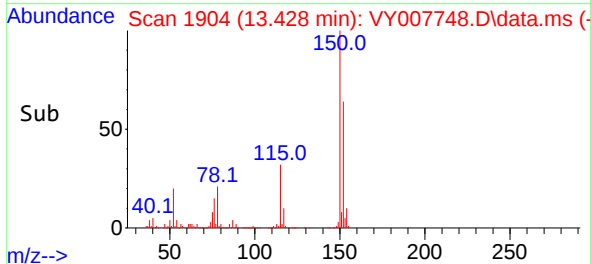
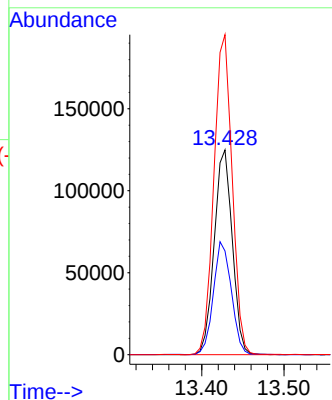
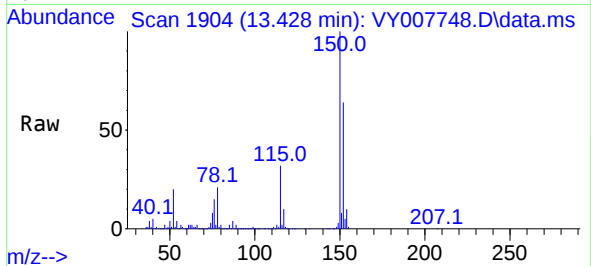


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY007748.D
 Acq: 04 Mar 2022 17:40

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 191098

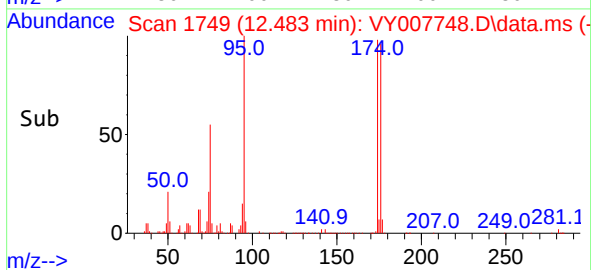
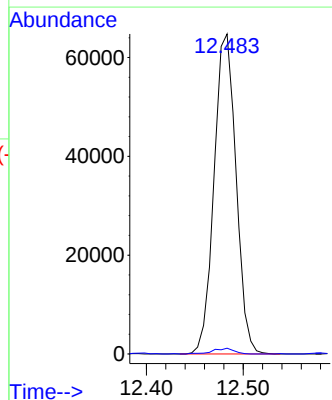
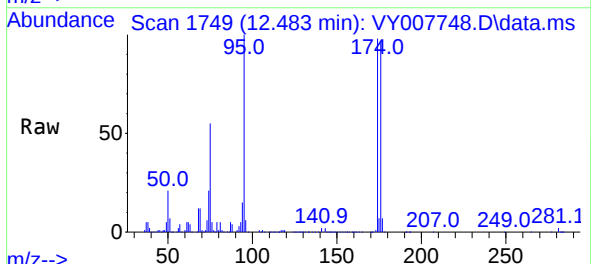
Ion	Ratio	Lower	Upper
152	100		
115	55.0	28.2	84.7
150	157.3	0.0	347.6

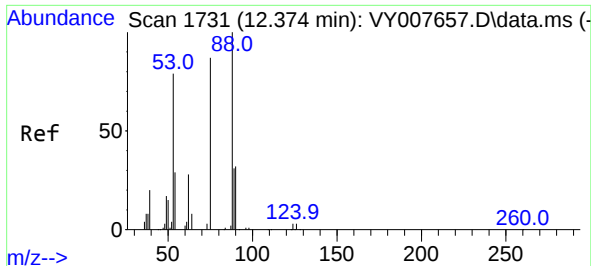


#76
 1,2,3-Trichloropropane
 Concen: 47.875 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007748.D
 Acq: 04 Mar 2022 17:40

Tgt Ion: 75 Resp: 102170

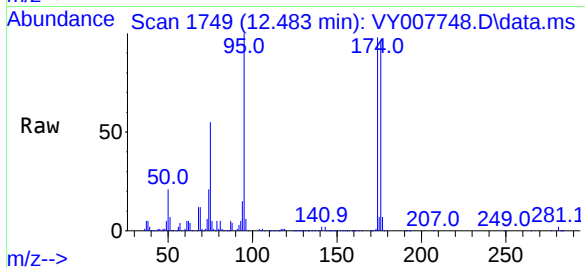
Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#



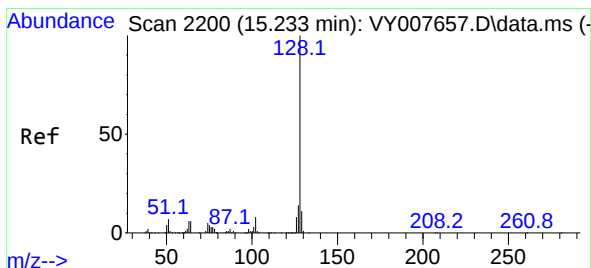
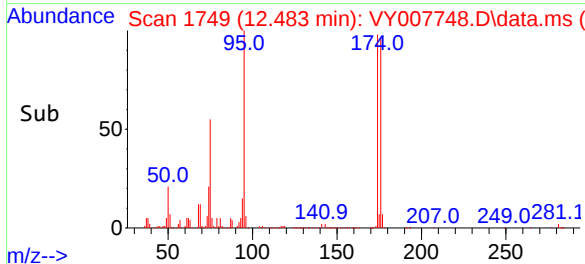
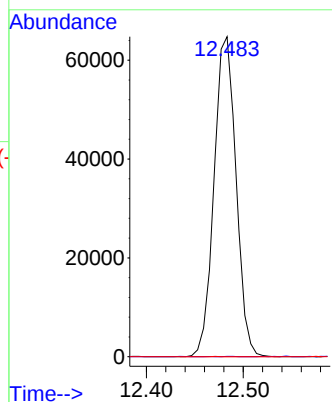


#81
trans-1,4-Dichloro-2-butene
Concen: 97.874 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 102170
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 3.397 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007748.D
Acq: 04 Mar 2022 17:40

Tgt Ion:128 Resp: 26506
Ion Ratio Lower Upper
128 100
127 17.9 11.0 16.4#
129 12.3 8.4 12.6

