

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007793.D
 Acq On : 08 Mar 2022 20:22
 Operator : SY/MD
 Sample : N1763-08
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:30:02 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)

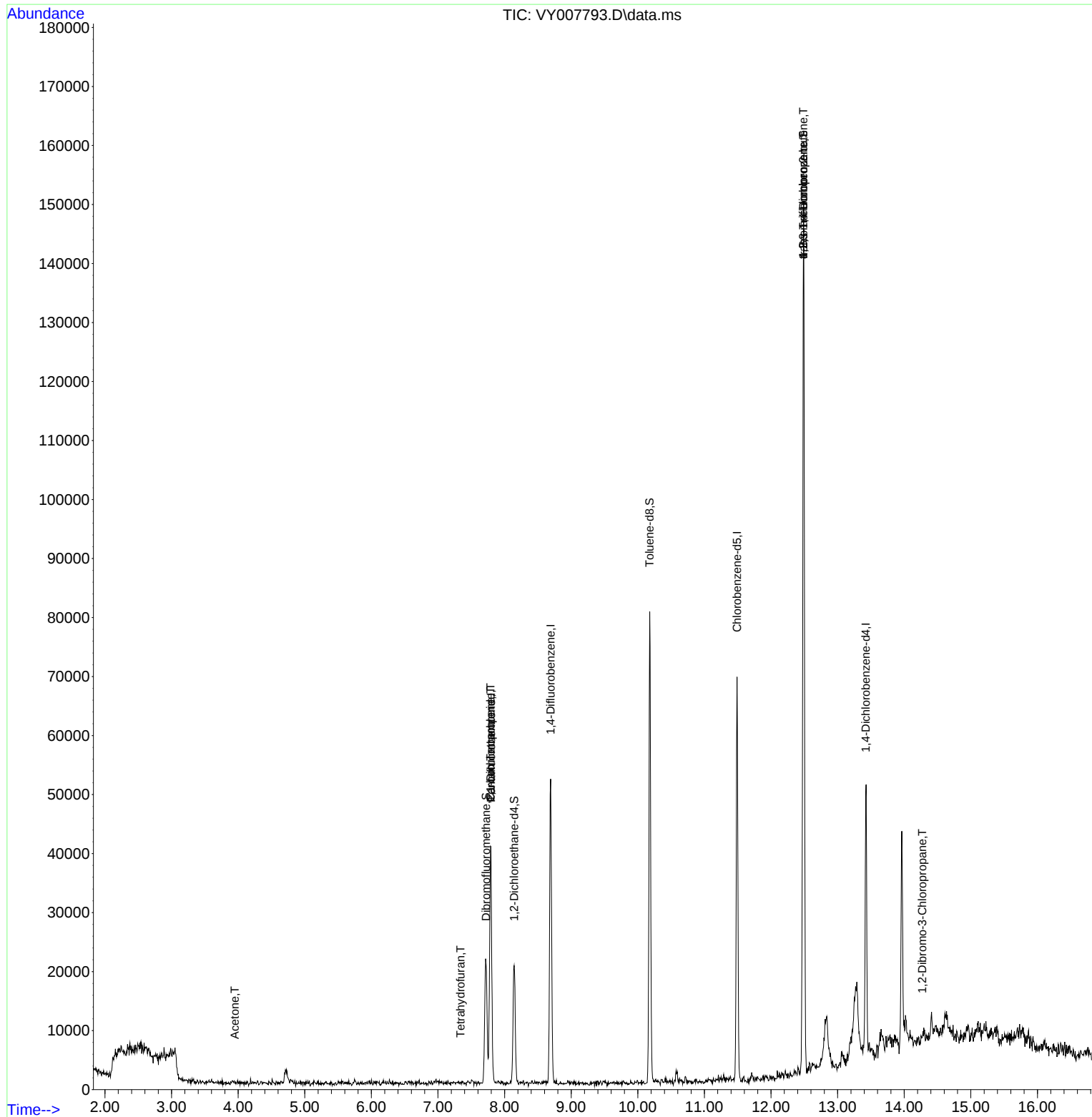
Internal Standards						
1) Pentafluorobenzene	7.795	168	29700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	36139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	15645	50.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.640%	
35) Dibromofluoromethane	7.722	113	15007	53.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.560%	
50) Toluene-d8	10.179	98	50741	49.394	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.780%	
62) 4-Bromofluorobenzene	12.483	95	12608	38.075	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	20	Below Cal	#	43
3) Chloromethane	2.119	50	439	Below Cal	#	86
13) Acrolein	3.655	56	47	Below Cal	#	14
16) Acetone	3.948	43	326	5.154	ug/l #	47
17) Carbon Disulfide	4.363	76	30	Below Cal	#	75
18) Methyl Acetate	4.466	43	85	Below Cal	#	56
20) Methylene Chloride	4.710	84	815	Below Cal	#	36
29) Tetrahydrofuran	7.338	42	92	1.267	ug/l #	38
31) Cyclohexane	7.795	56	840	Below Cal	#	44
36) 1,1-Dichloropropene	7.789	75	2647	6.030	ug/l #	48
38) Carbon Tetrachloride	7.789	117	3260	6.961	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	7810	61.094	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7810	124.899	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	14.269	75	104	3.672	ug/l #	6

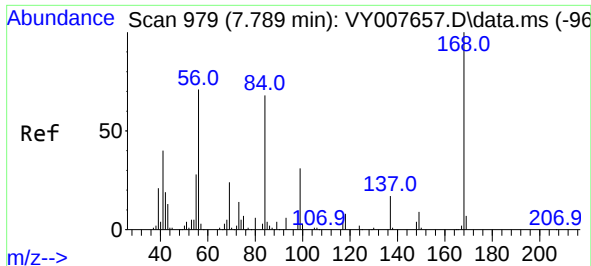
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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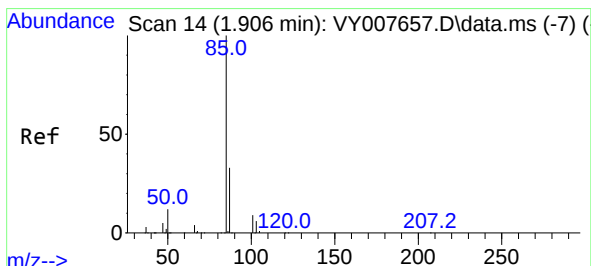
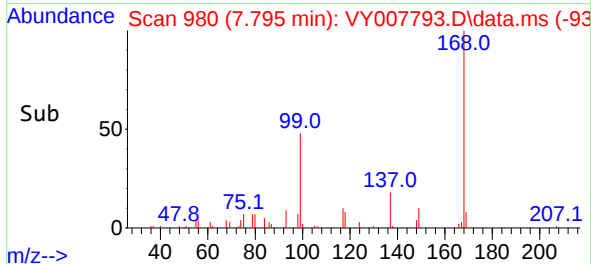
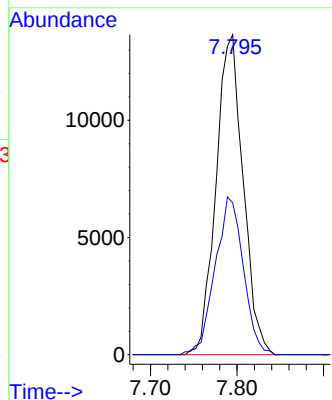
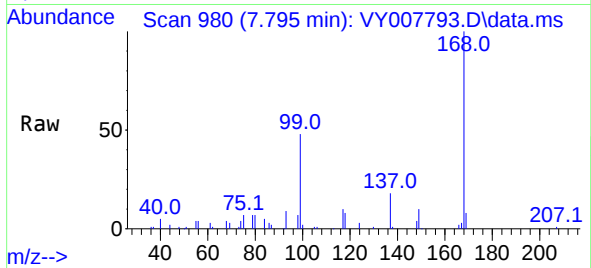




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

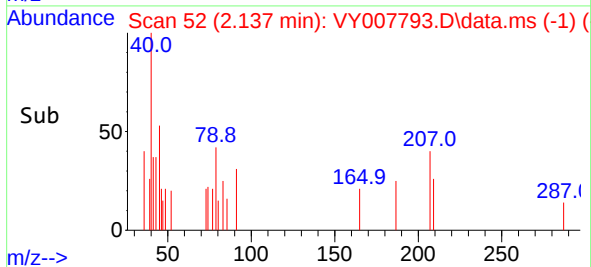
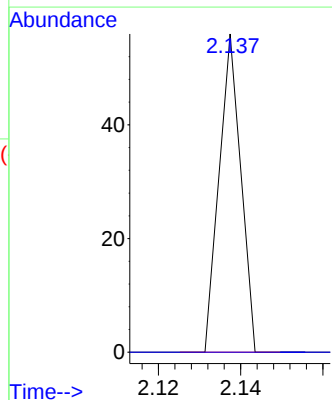
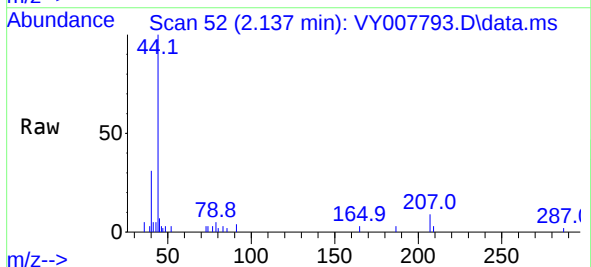
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 29700
Ion Ratio Lower Upper
168 100
99 47.5 46.9 70.3

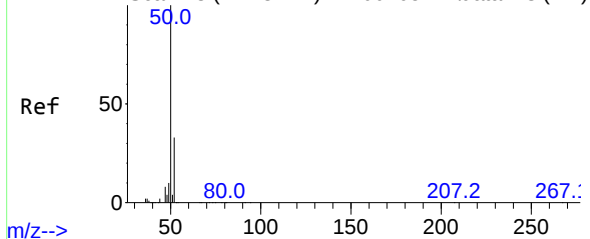


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.137 min Scan# 52
Delta R.T. 0.231 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



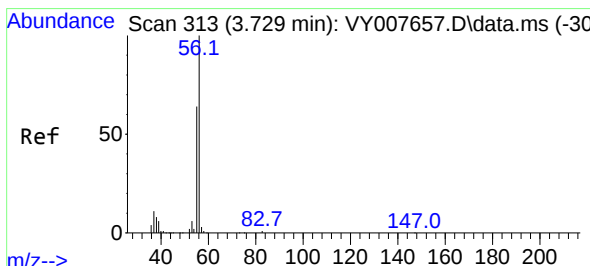
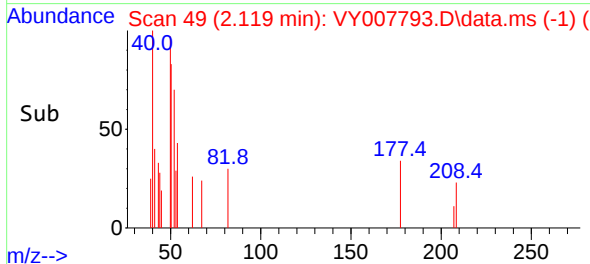
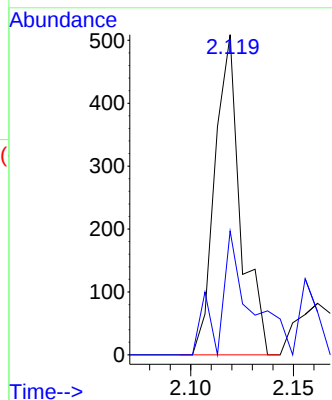
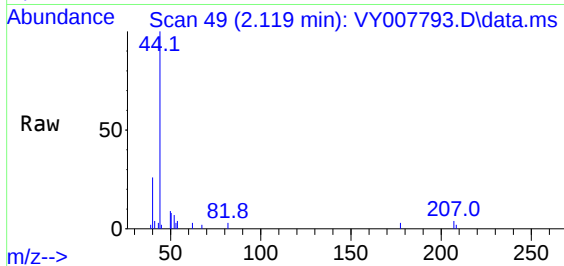
Abundance Scan 48 (2.113 min): VY007657.D\data.ms (-41)



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

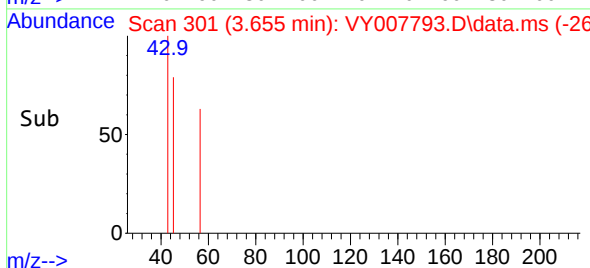
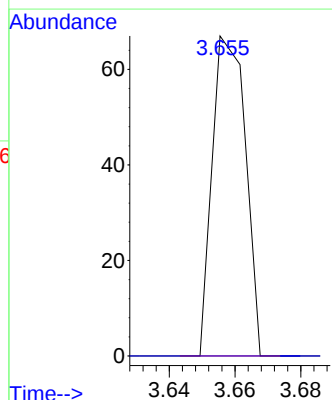
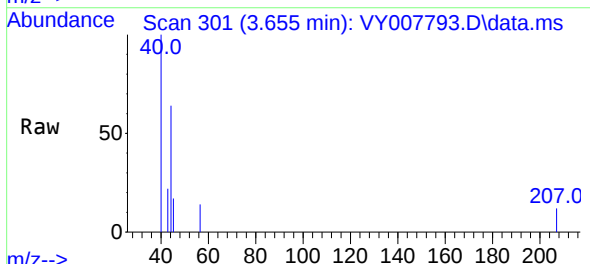
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 439
Ion Ratio Lower Upper
50 100
52 38.7 24.6 37.0#



#13
Acrolein
Concen: Below Cal
RT: 3.655 min Scan# 301
Delta R.T. -0.074 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

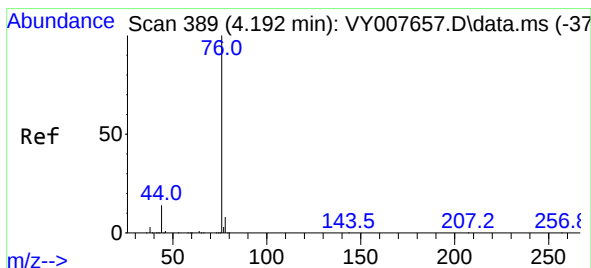
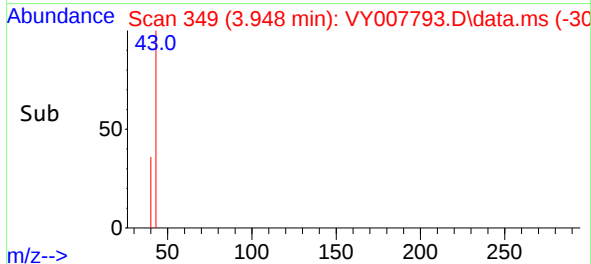
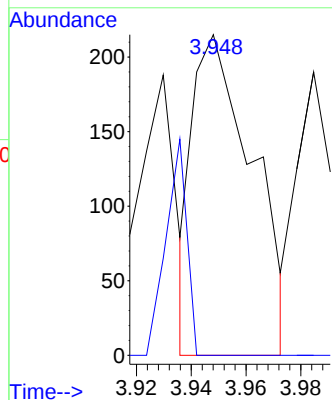
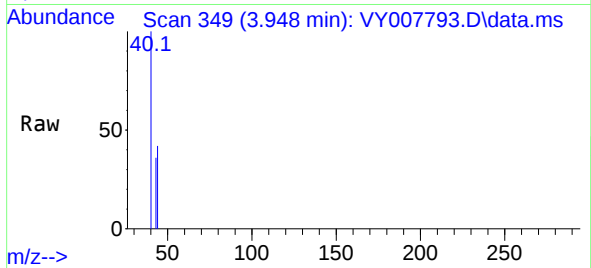




#16
Acetone
Concen: 5.154 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

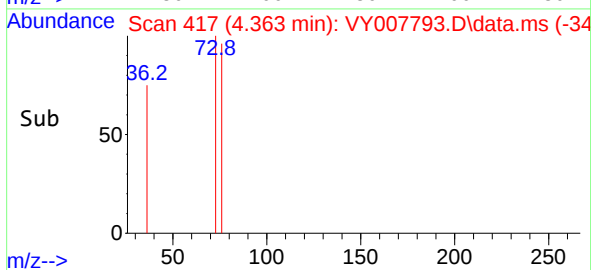
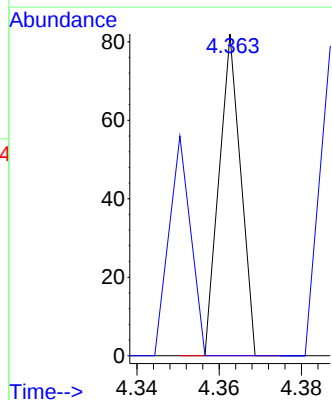
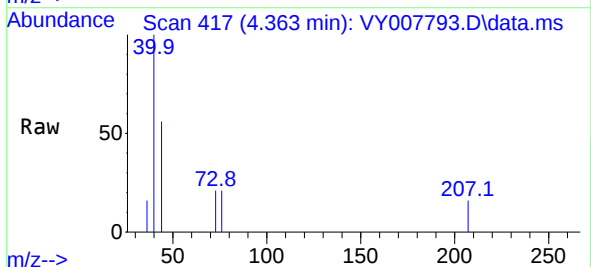
Instrument :
MSVOA_Y
ClientSampleId :

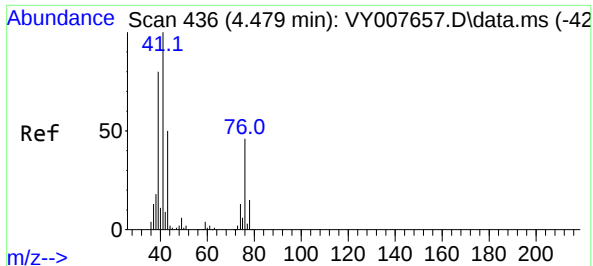
Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.363 min Scan# 417
Delta R.T. 0.171 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

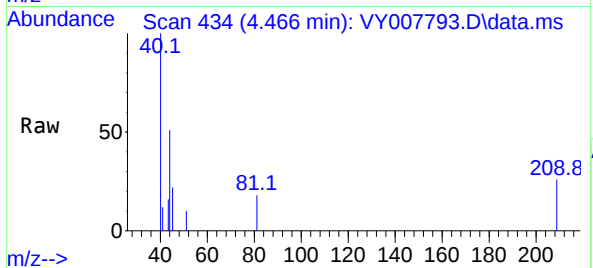
Tgt Ion: 76 Resp: 30
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



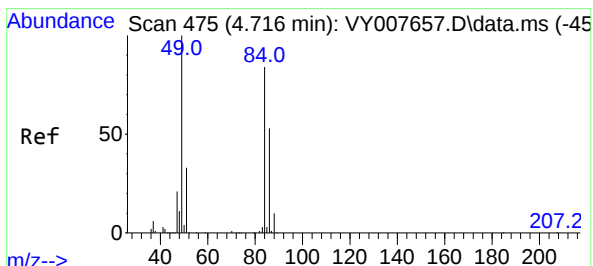
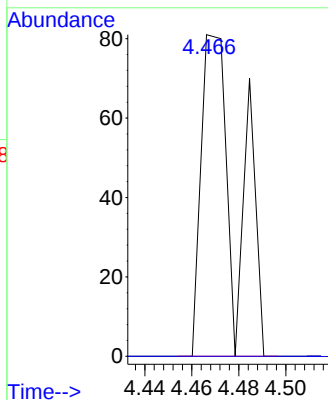
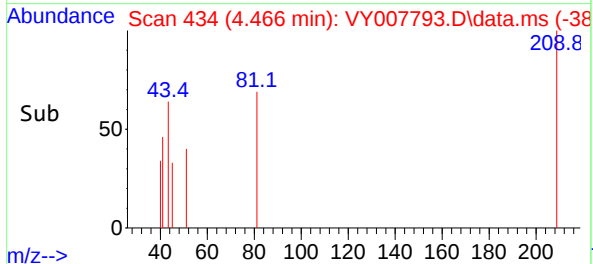


#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

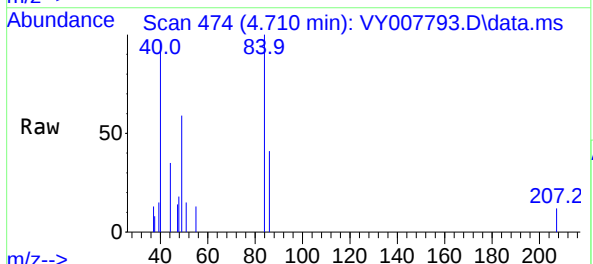
Instrument :
MSVOA_Y
ClientSampleId :



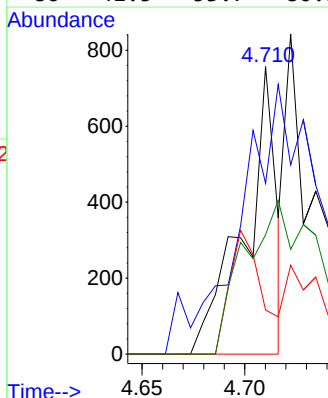
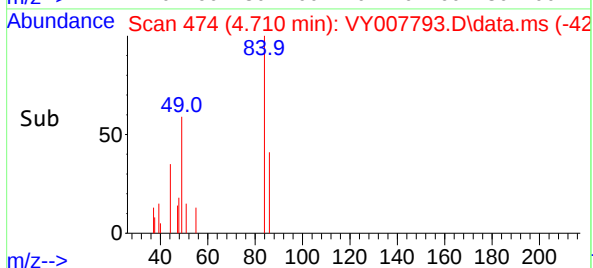
Tgt Ion: 43 Resp: 85
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

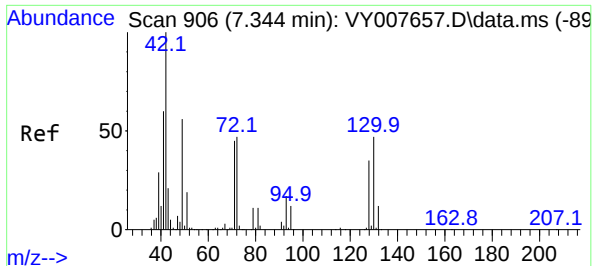


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22



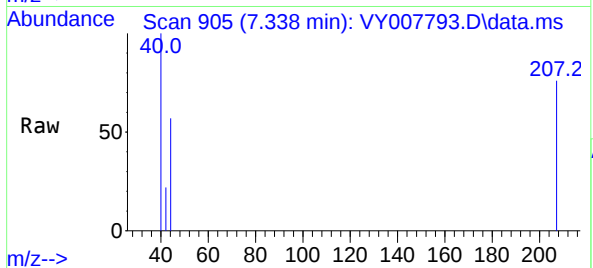
Tgt Ion: 84 Resp: 815
Ion Ratio Lower Upper
84 100
49 38.0 114.4 171.6#
51 15.3 35.3 52.9#
86 41.5 53.7 80.5#



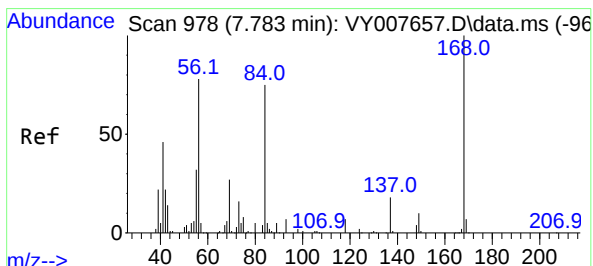
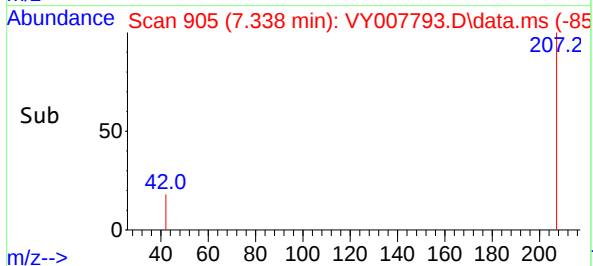
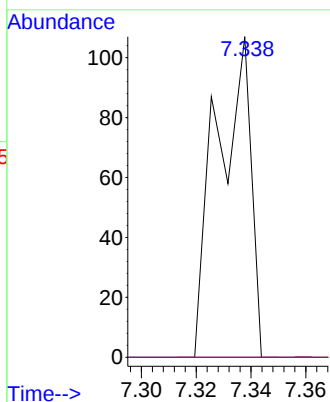


#29
Tetrahydrofuran
Concen: 1.267 ug/l
RT: 7.338 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

Instrument :
MSVOA_Y
ClientSampleId :

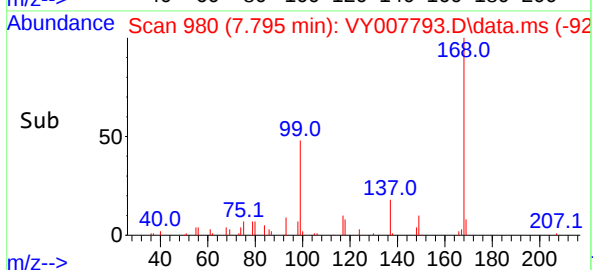
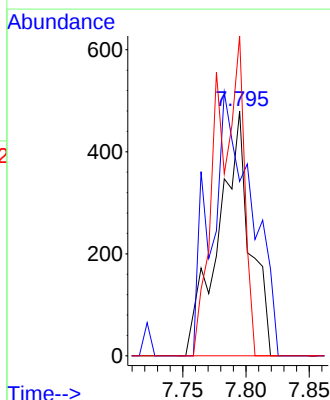
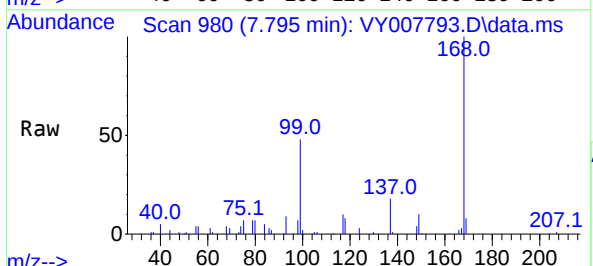


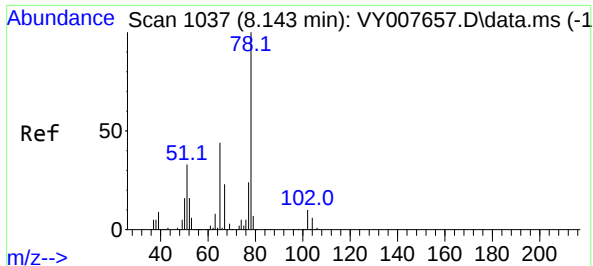
Tgt Ion: 42 Resp: 92
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

Tgt Ion: 56 Resp: 840
Ion Ratio Lower Upper
56 100
69 71.3 26.7 40.1#
84 130.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 50.316 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY007793.D

Acq: 08 Mar 2022 20:22

Instrument :

MSVOA_Y

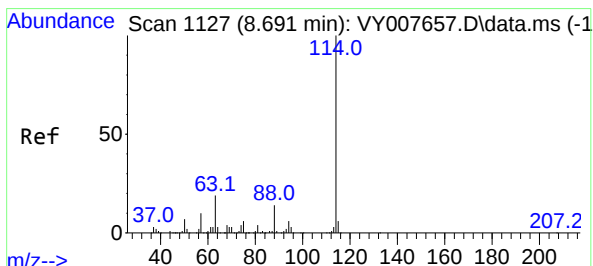
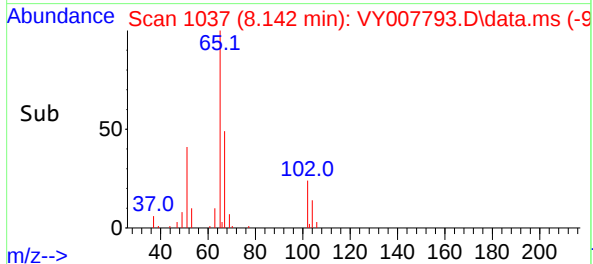
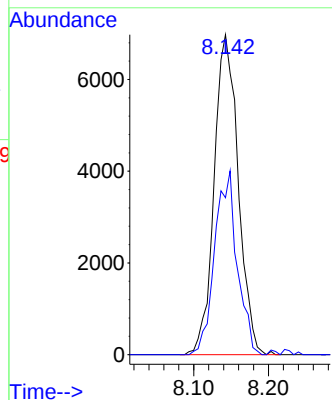
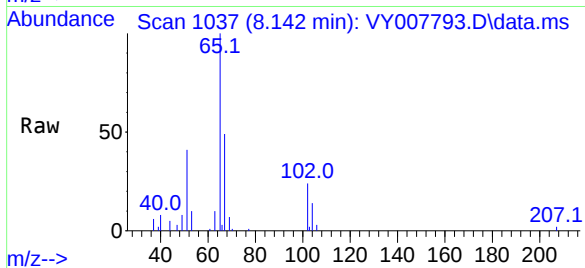
ClientSampleId :

Tgt Ion: 65 Resp: 15645

Ion Ratio Lower Upper

65 100

67 53.6 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: VY007793.D

Acq: 08 Mar 2022 20:22

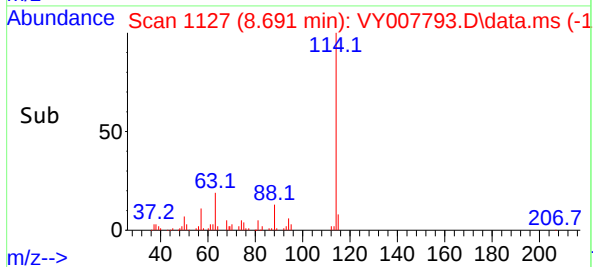
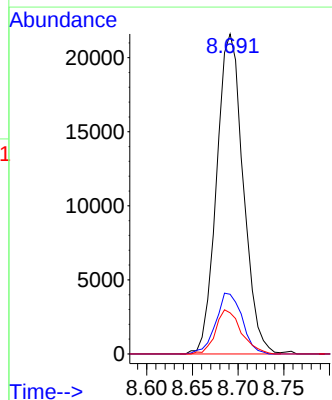
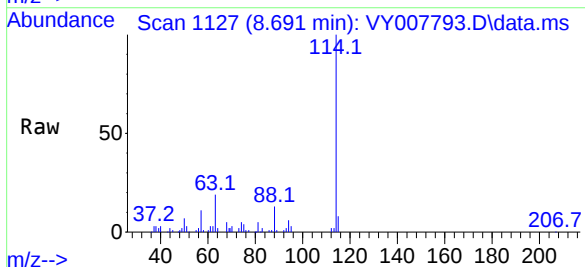
Tgt Ion: 114 Resp: 43650

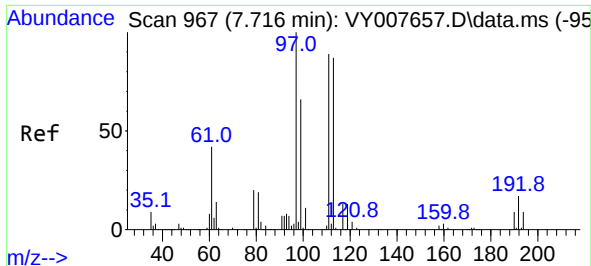
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 12.9 0.0 31.8

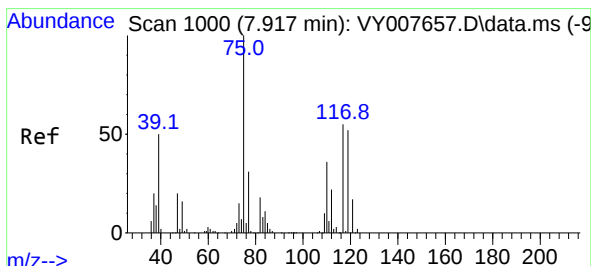
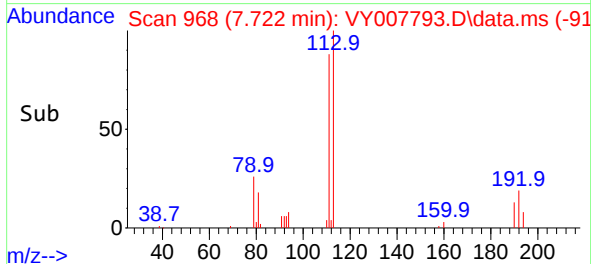
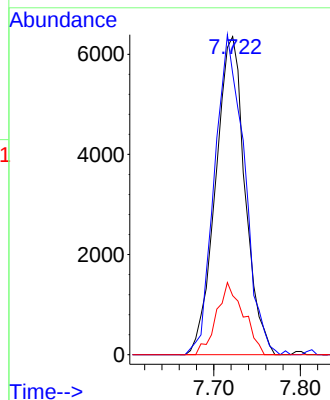
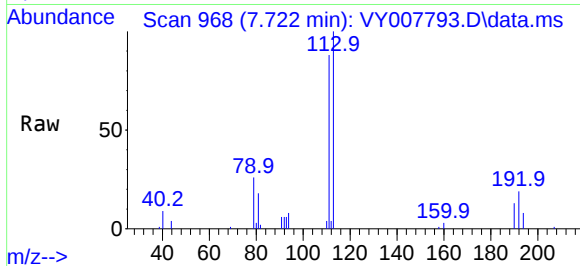




#35
Dibromofluoromethane
Concen: 53.775 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

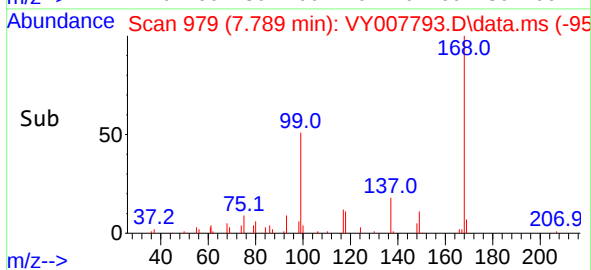
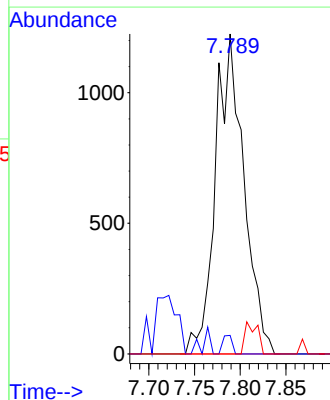
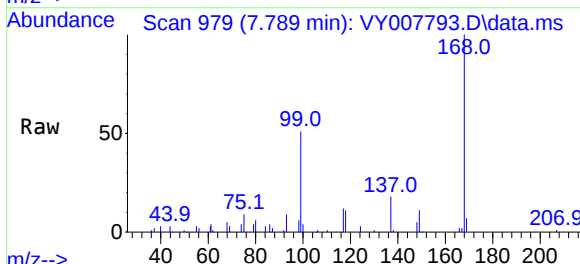
Instrument :
MSVOA_Y
ClientSampleId :

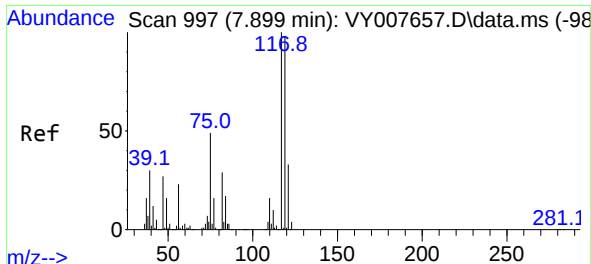
Tgt Ion:113 Resp: 15007
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 6.030 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

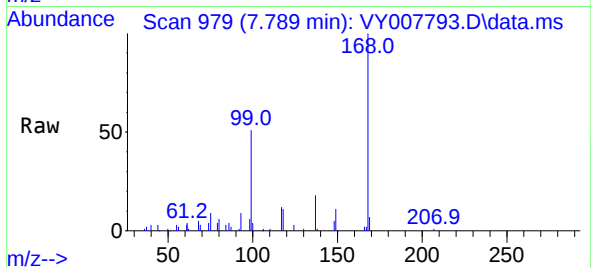
Tgt Ion: 75 Resp: 2647
Ion Ratio Lower Upper
75 100
110 1.9 17.1 51.2#
77 4.4 24.4 36.6#



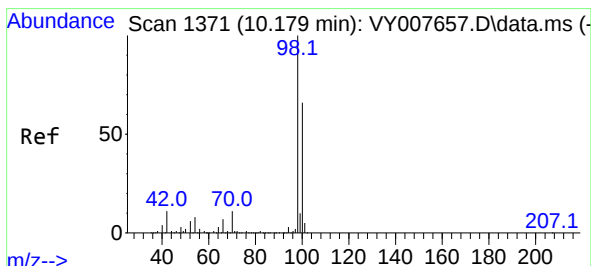
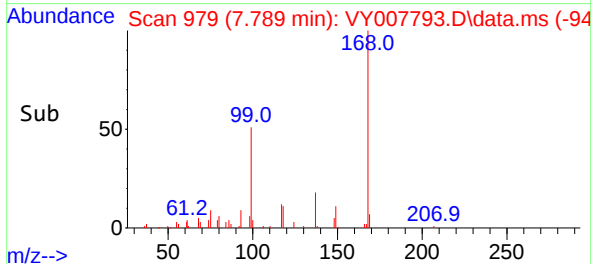
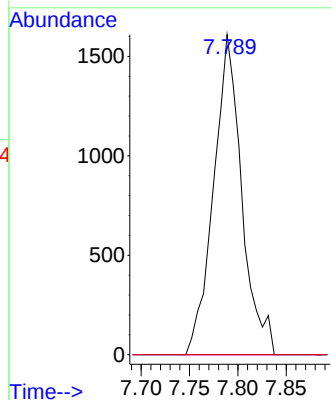


#38
Carbon Tetrachloride
Concen: 6.961 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

Instrument :
MSVOA_Y
ClientSampleId :

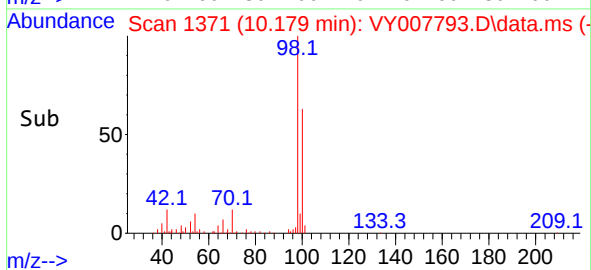
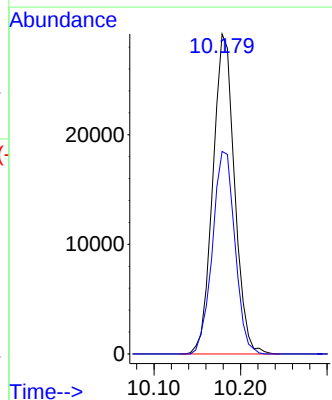
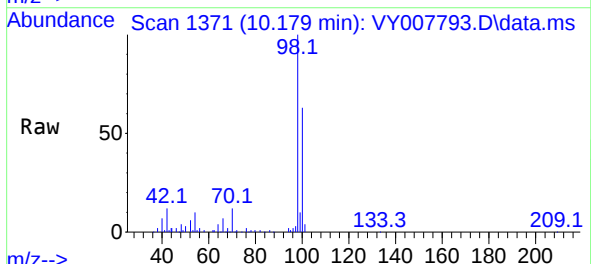


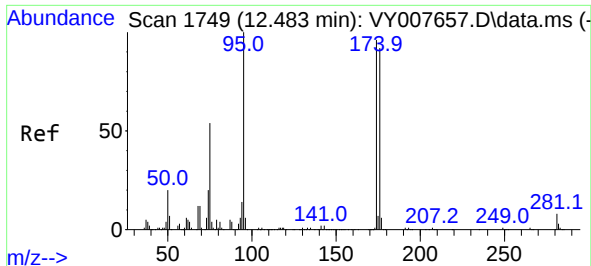
Tgt Ion:117 Resp: 3260
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.394 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

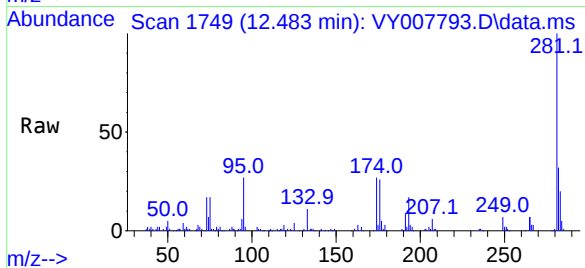
Tgt Ion: 98 Resp: 50741
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



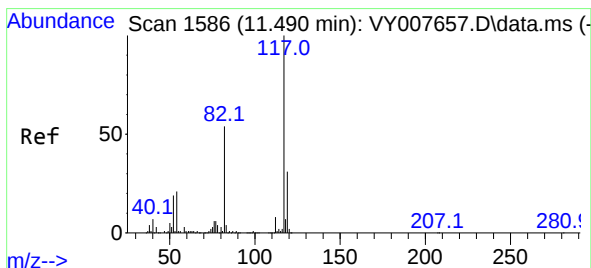
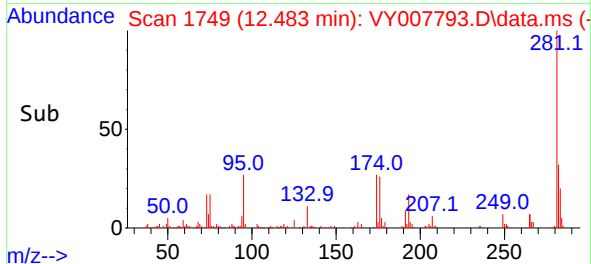
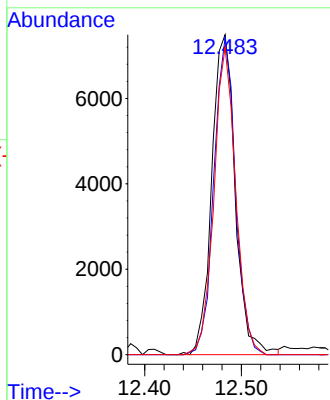


#62
4-Bromofluorobenzene
Concen: 38.075 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

Instrument :
MSVOA_Y
ClientSampleId :

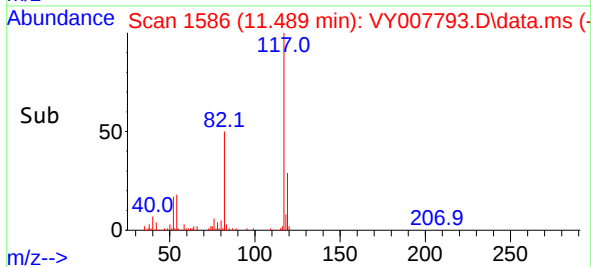
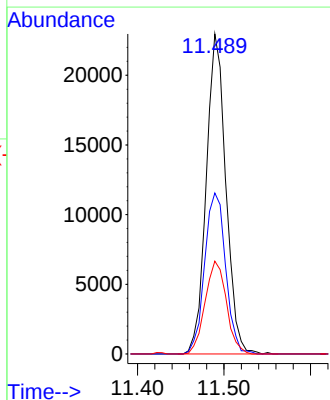
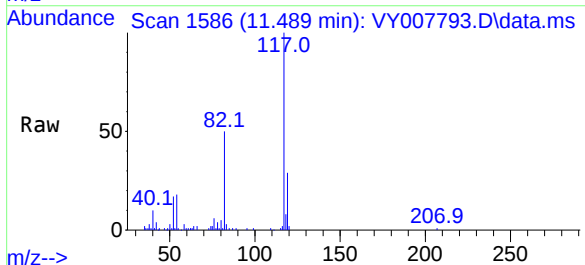


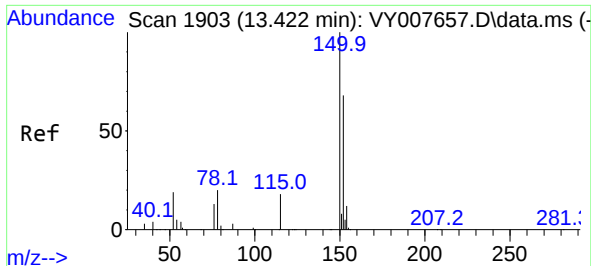
Tgt Ion: 95 Resp: 12608
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 89.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

Tgt Ion: 117 Resp: 36139
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 29.0 25.4 38.0

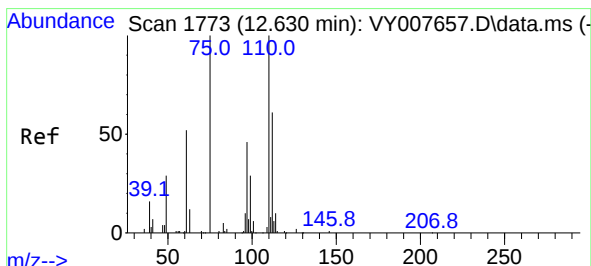
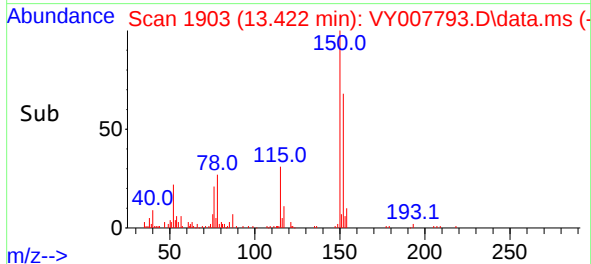
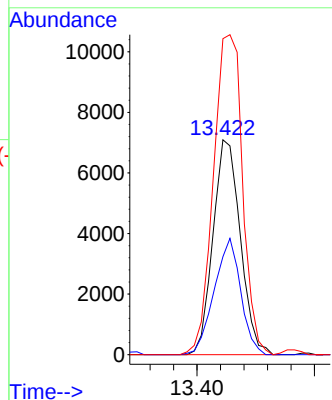
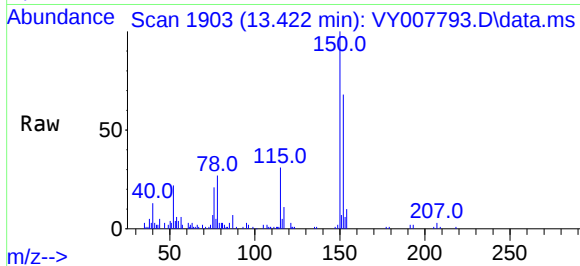




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY007793.D
 Acq: 08 Mar 2022 20:22

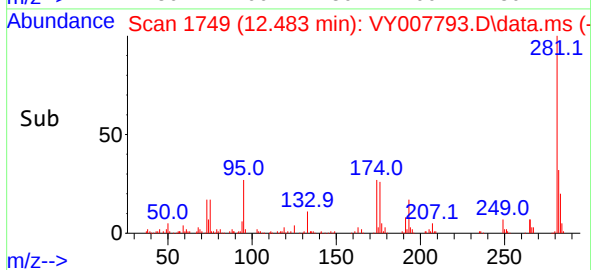
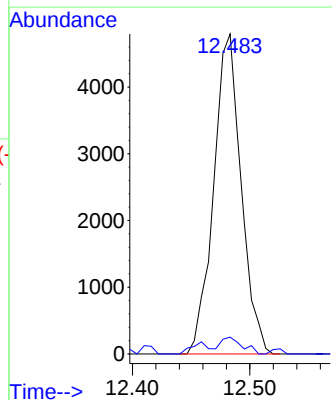
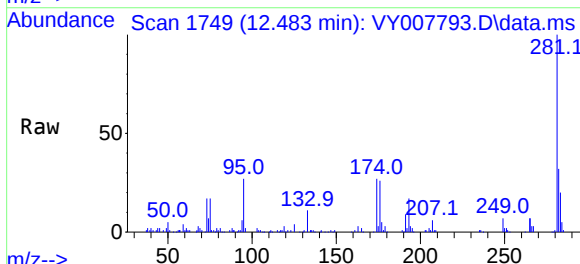
Instrument :
 MSVOA_Y
 ClientSampleId :

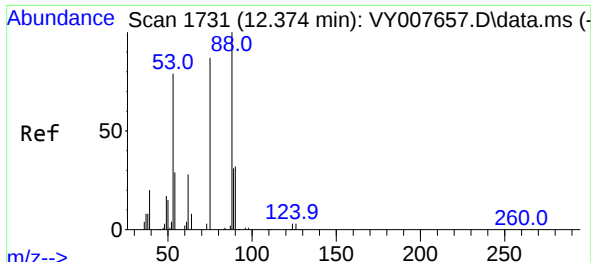
Tgt Ion:152 Resp: 11447
 Ion Ratio Lower Upper
 152 100
 115 52.6 28.2 84.7
 150 158.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 61.094 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007793.D
 Acq: 08 Mar 2022 20:22

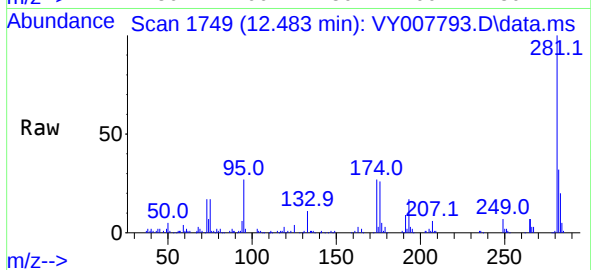
Tgt Ion: 75 Resp: 7810
 Ion Ratio Lower Upper
 75 100
 77 4.0 0.0 0.0#



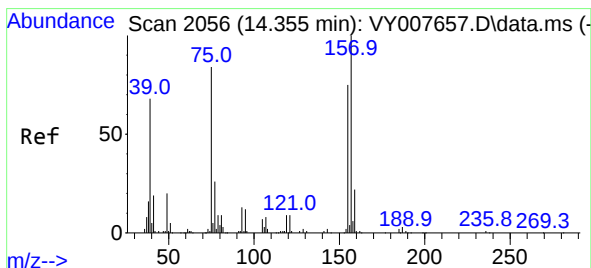
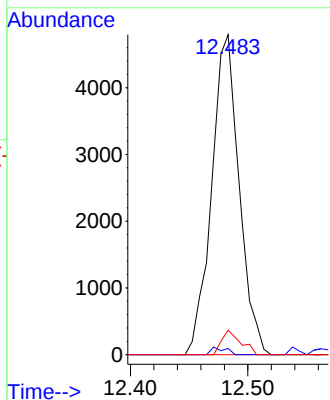
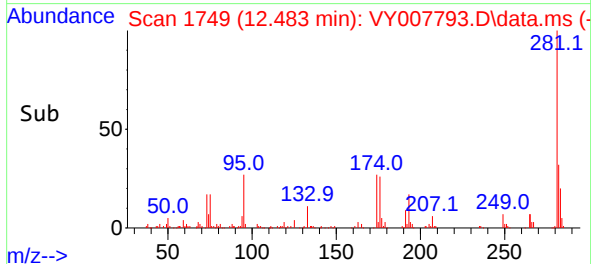


#81
trans-1,4-Dichloro-2-butene
Concen: 124.899 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.109 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 7810
Ion Ratio Lower Upper
75 100
53 1.3 85.3 127.9#
89 5.3 37.0 55.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.672 ug/l
RT: 14.269 min Scan# 2042
Delta R.T. -0.086 min
Lab File: VY007793.D
Acq: 08 Mar 2022 20:22

Tgt Ion: 75 Resp: 104
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#

