

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007779.D
 Acq On : 08 Mar 2022 14:54
 Operator : SY/MD
 Sample : N1830-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 09 00:26:53 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)

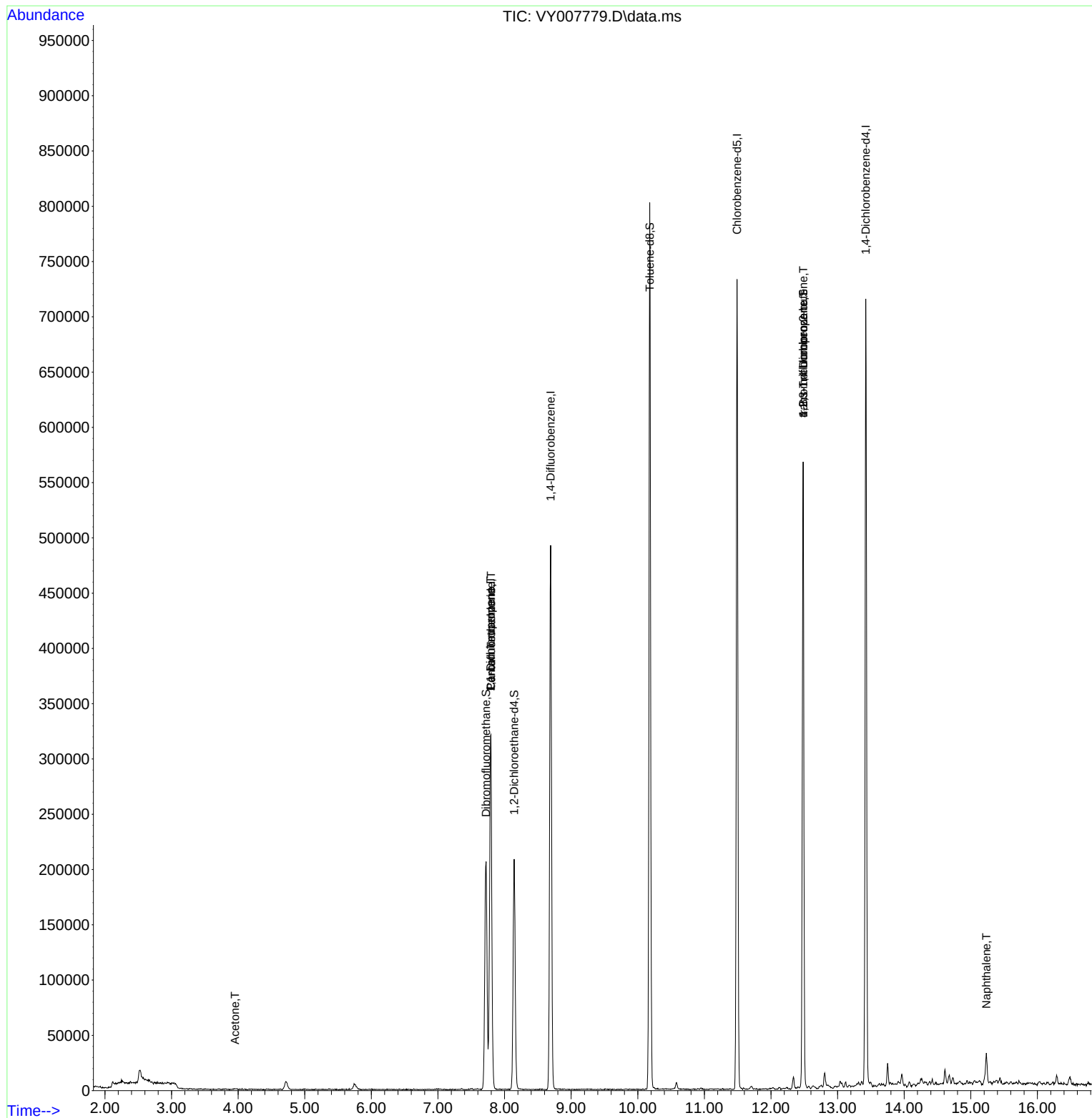
Internal Standards						
1) Pentafluorobenzene	7.795	168	259496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	422410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	388598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	152282	56.054	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.100%	
35) Dibromofluoromethane	7.722	113	144174	53.386	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.780%	
50) Toluene-d8	10.179	98	508694	51.171	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.340%	
62) 4-Bromofluorobenzene	12.483	95	153902	48.028	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	2989	Below Cal		90
13) Acrolein	3.698	56	22	Below Cal	#	14
16) Acetone	3.954	43	1237	2.238	ug/l #	47
17) Carbon Disulfide	4.192	76	424	Below Cal	#	75
18) Methyl Acetate	4.491	43	66	Below Cal	#	56
20) Methylene Chloride	4.723	84	5322	Below Cal	#	77
31) Cyclohexane	7.789	56	5604	Below Cal	#	20
36) 1,1-Dichloropropene	7.789	75	19433	4.574	ug/l #	53
38) Carbon Tetrachloride	7.795	117	24391	5.382	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	86583	43.654	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86583	89.245	ug/l #	8
95) Naphthalene	15.233	128	20366	2.808	ug/l	98

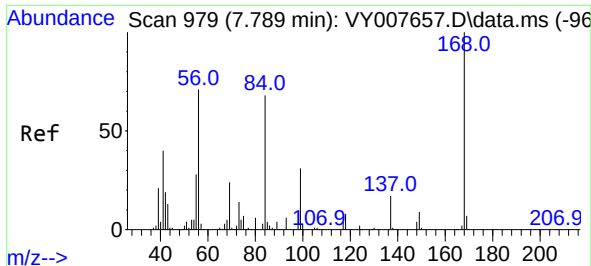
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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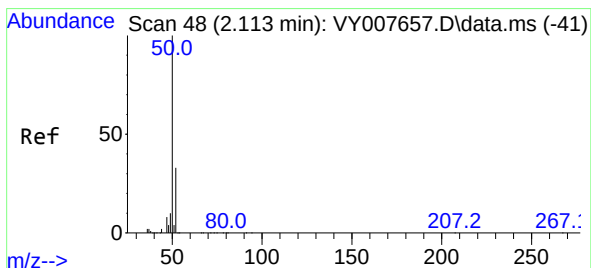
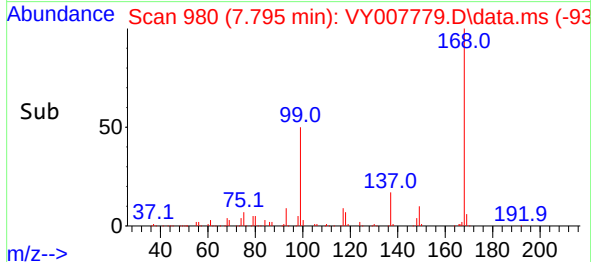
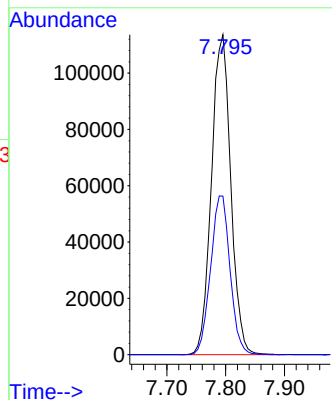
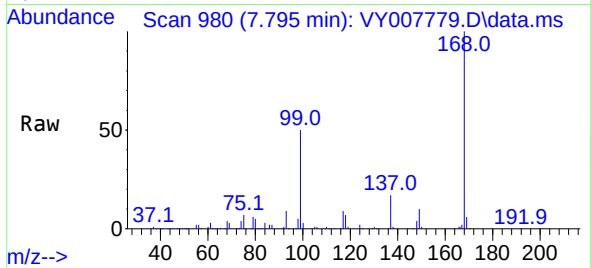




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

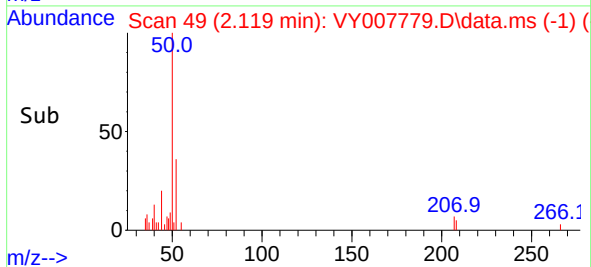
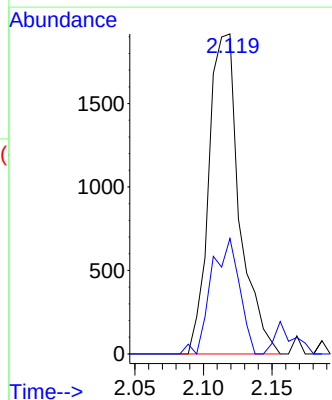
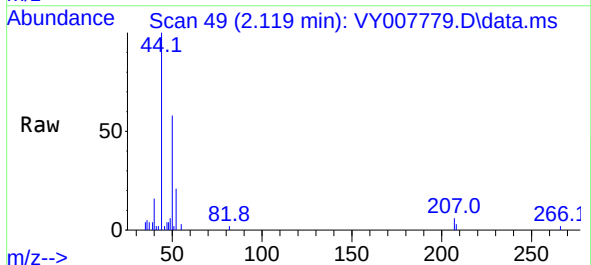
Instrument :
MSVOA_Y
ClientSampleId :

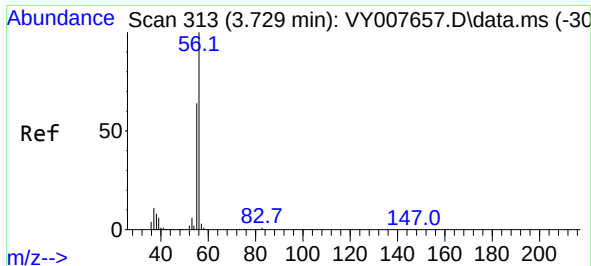
Tgt Ion:168 Resp: 259496
Ion Ratio Lower Upper
168 100
99 49.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

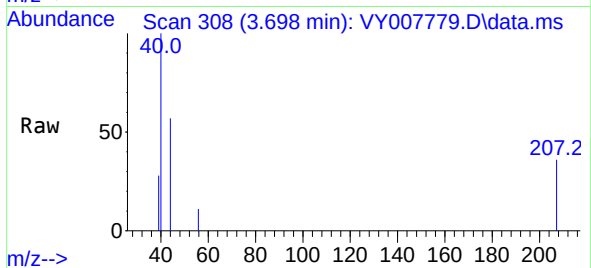
Tgt Ion: 50 Resp: 2989
Ion Ratio Lower Upper
50 100
52 36.1 24.6 37.0



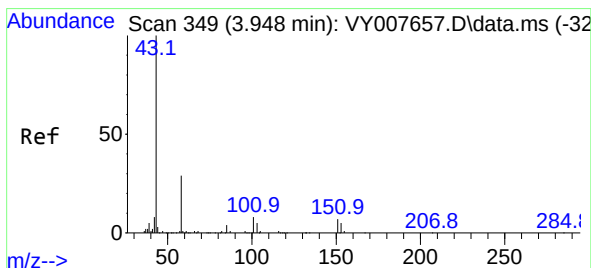
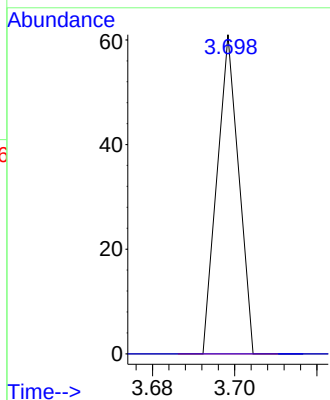
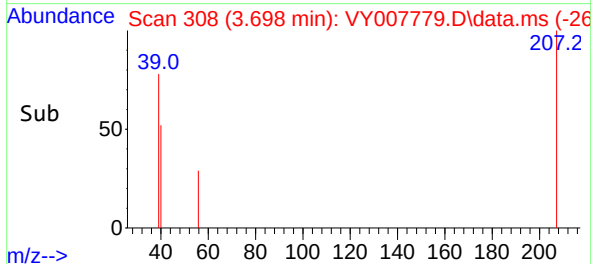


#13
Acrolein
Concen: Below Cal
RT: 3.698 min Scan# 308
Delta R.T. -0.031 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

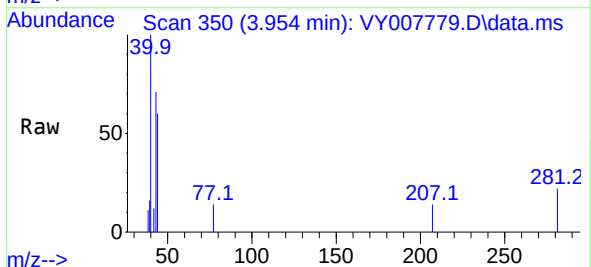
Instrument :
MSVOA_Y
ClientSampleId :



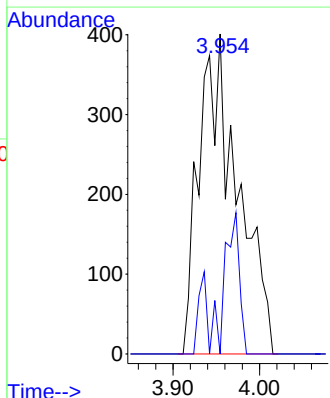
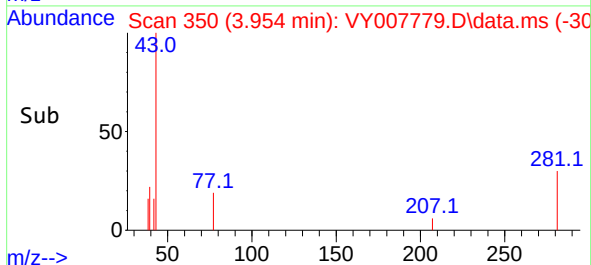
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

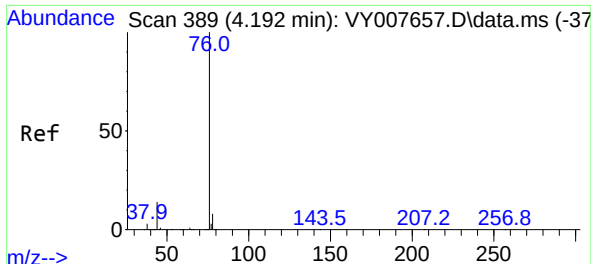


#16
Acetone
Concen: 2.238 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54



Tgt Ion: 43 Resp: 1237
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

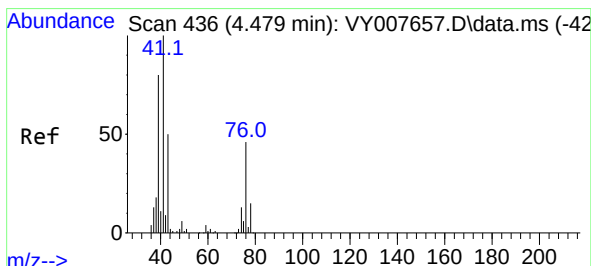
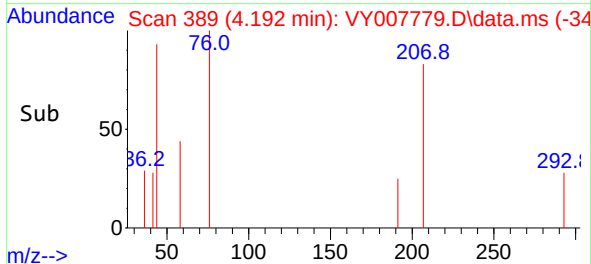
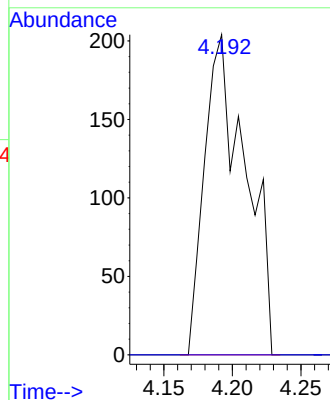
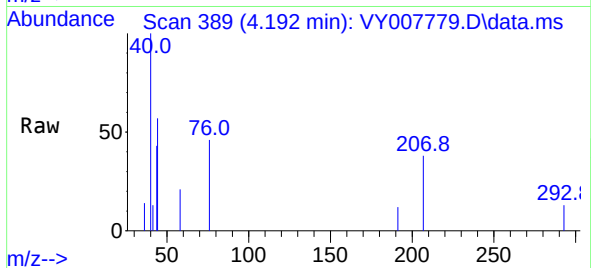




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

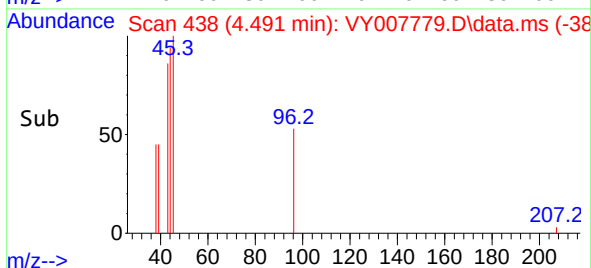
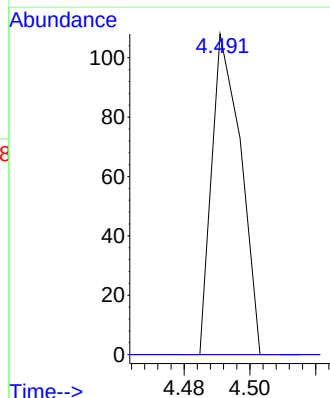
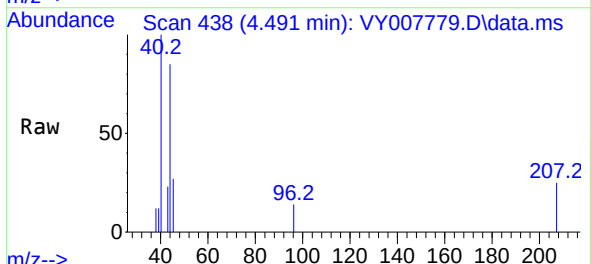
Instrument :
MSVOA_Y
ClientSampleId :

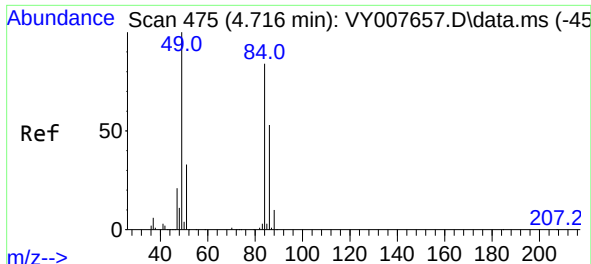
Tgt Ion: 76 Resp: 424
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

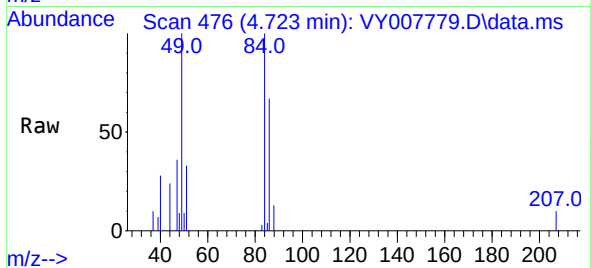
Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





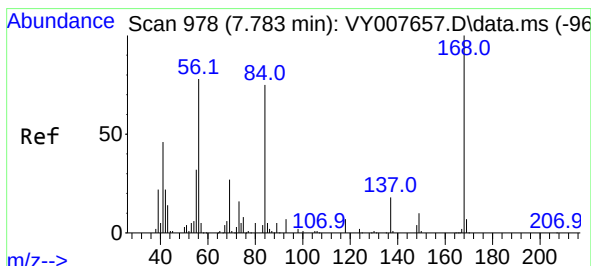
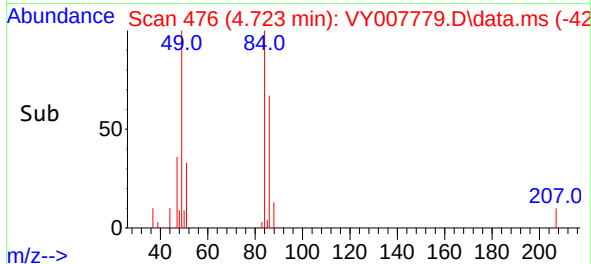
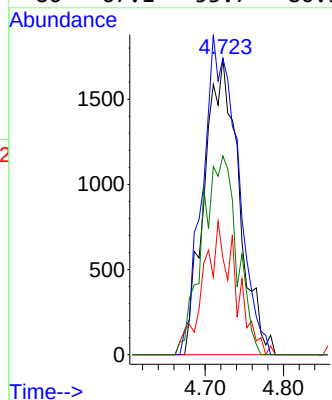
#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 5322

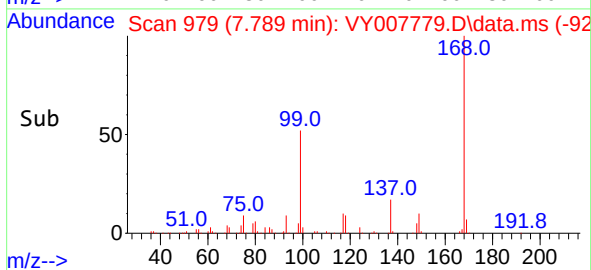
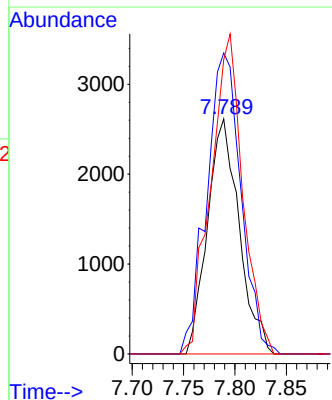
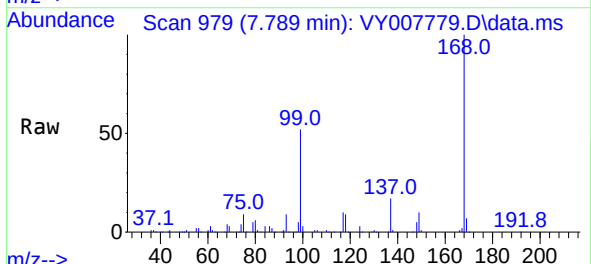
Ion	Ratio	Lower	Upper
84	100		
49	100.1	114.4	171.6#
51	32.5	35.3	52.9#
86	67.1	53.7	80.5

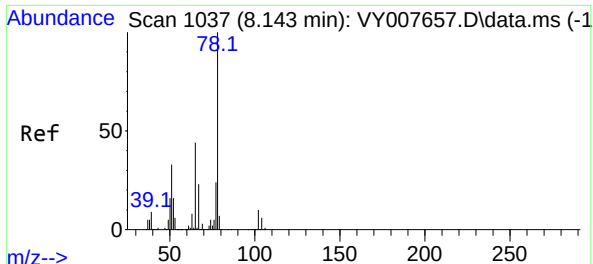


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

Tgt Ion: 56 Resp: 5604

Ion	Ratio	Lower	Upper
56	100		
69	128.1	26.7	40.1#
84	125.2	67.2	100.8#

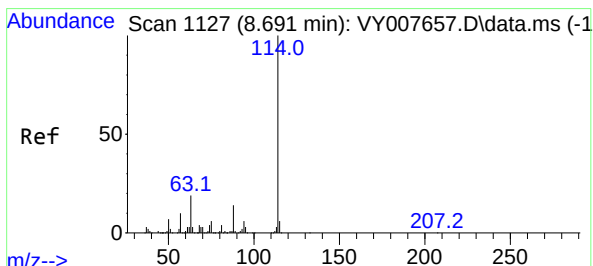
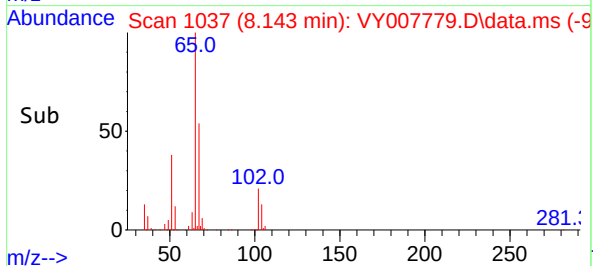
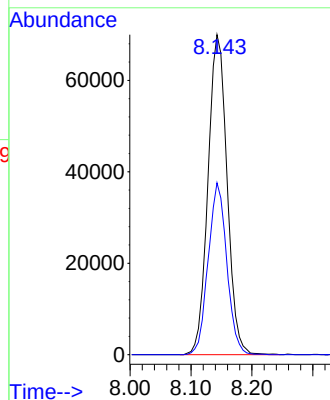
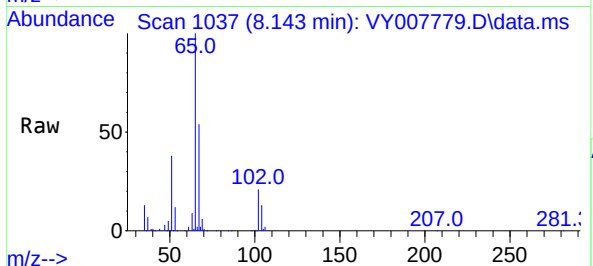




#33
1,2-Dichloroethane-d4
Concen: 56.054 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

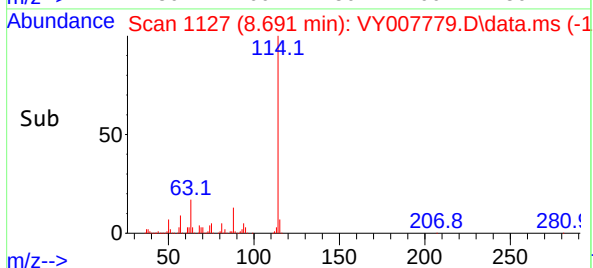
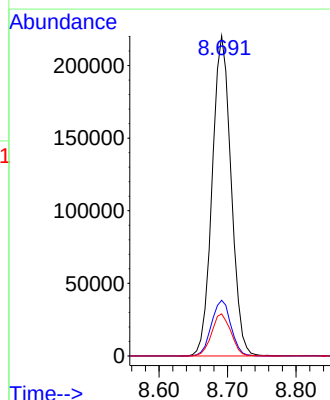
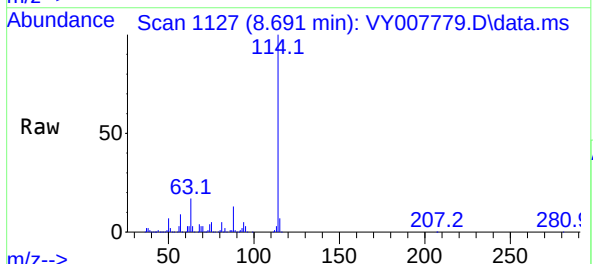
Instrument :
MSVOA_Y
ClientSampleId :

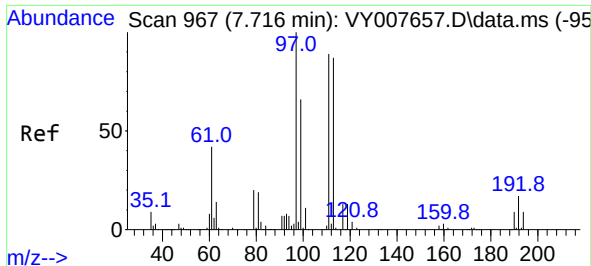
Tgt Ion: 65 Resp: 152282
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

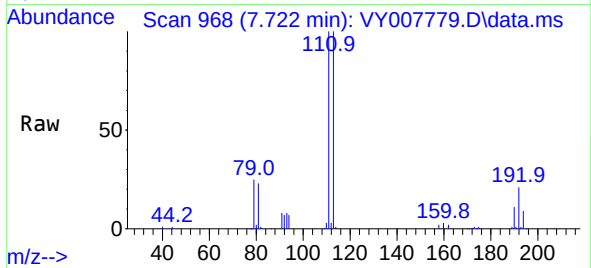
Tgt Ion:114 Resp: 422410
Ion Ratio Lower Upper
114 100
63 17.4 0.0 43.2
88 13.2 0.0 31.8



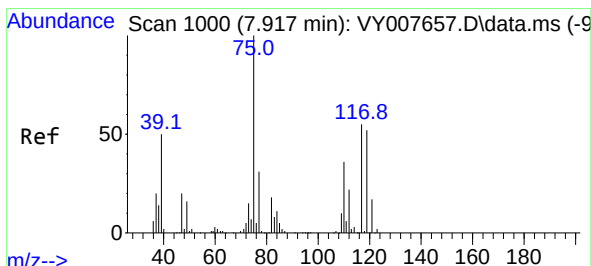
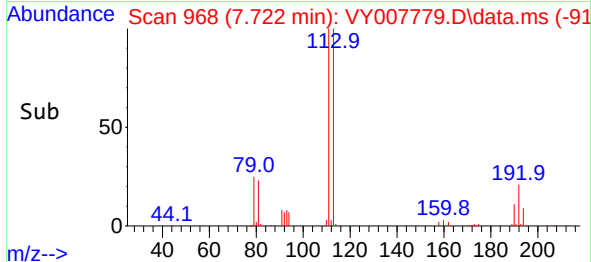
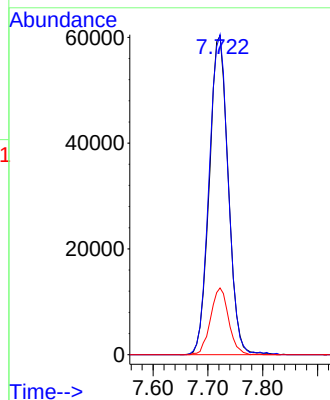


#35
Dibromofluoromethane
Concen: 53.386 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :

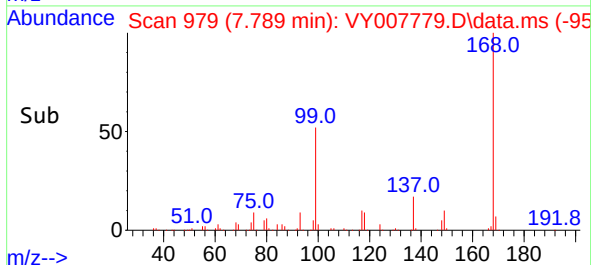
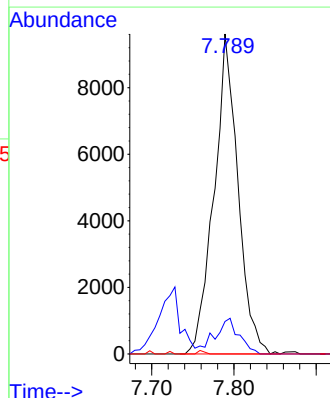
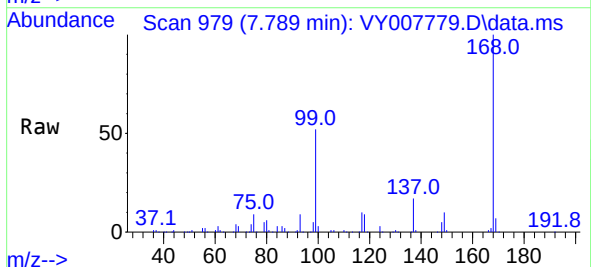


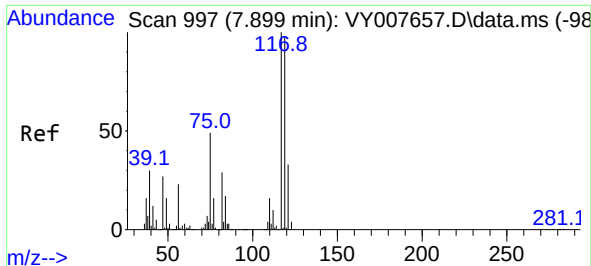
Tgt Ion:113 Resp: 144174
Ion Ratio Lower Upper
113 100
111 101.2 82.6 124.0
192 20.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.574 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

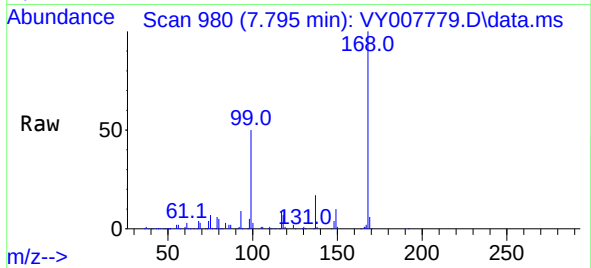
Tgt Ion: 75 Resp: 19433
Ion Ratio Lower Upper
75 100
110 11.3 17.1 51.2#
77 0.0 24.4 36.6#



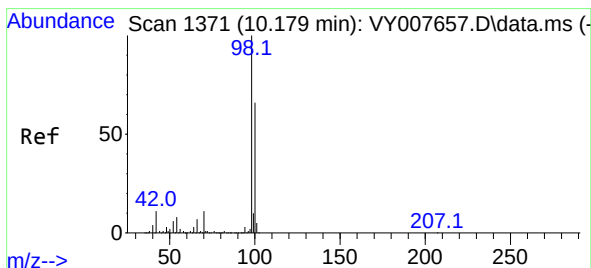
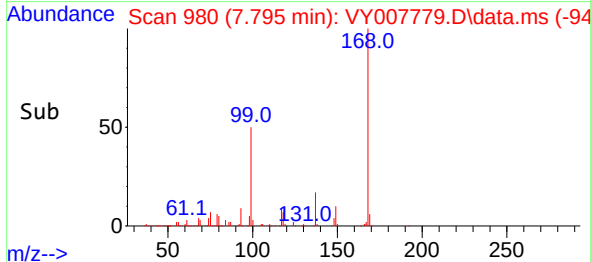
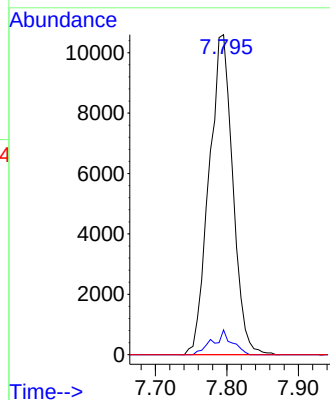


#38
Carbon Tetrachloride
Concen: 5.382 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :

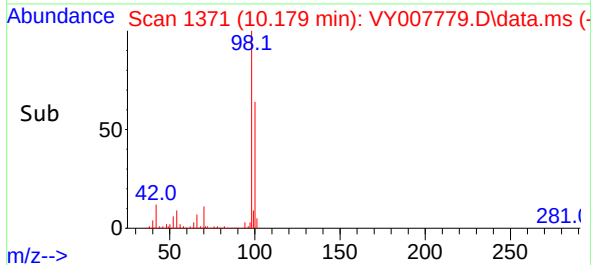
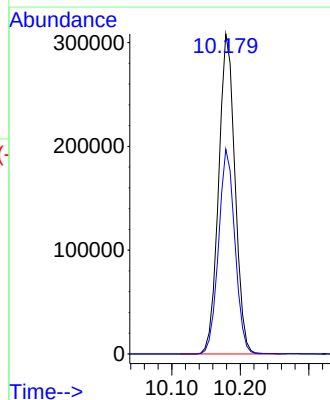
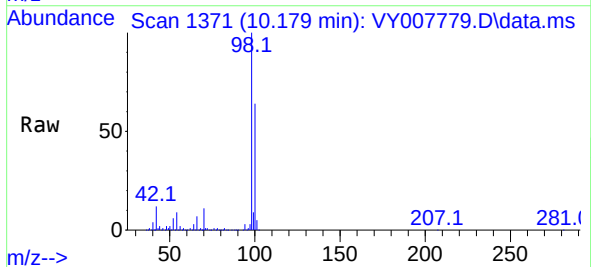


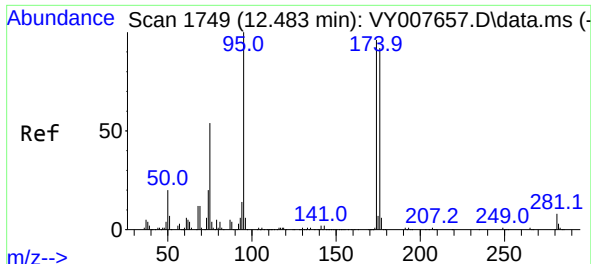
Tgt Ion:117 Resp: 24391
Ion Ratio Lower Upper
117 100
119 7.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.171 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

Tgt Ion: 98 Resp: 508694
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

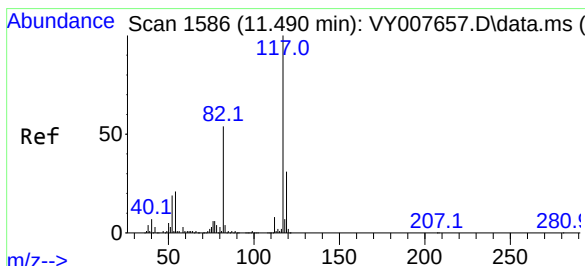
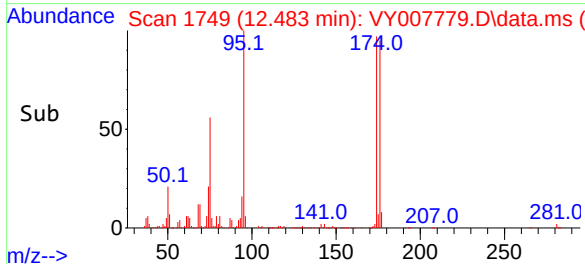
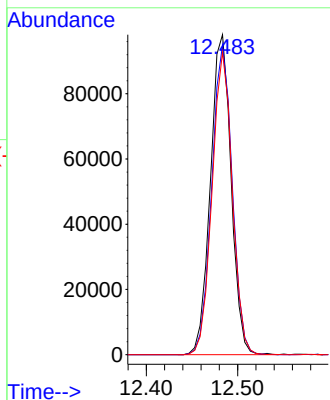
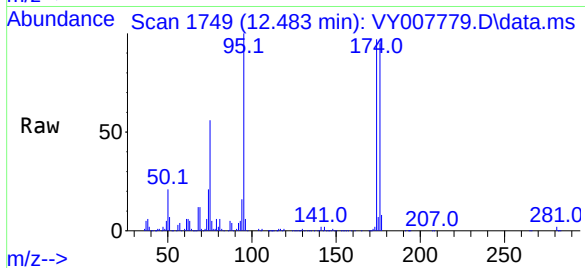




#62
4-Bromofluorobenzene
Concen: 48.028 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

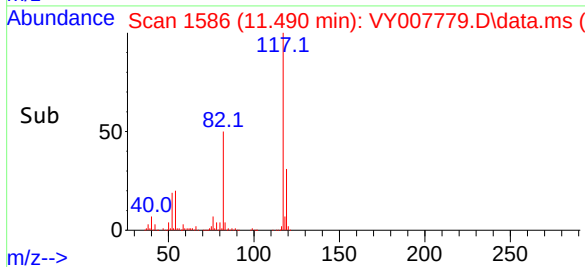
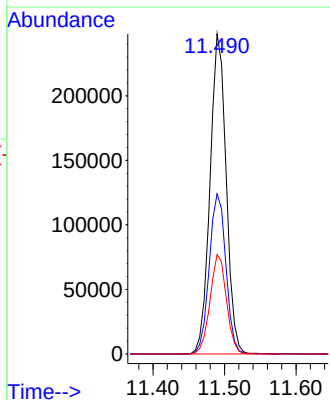
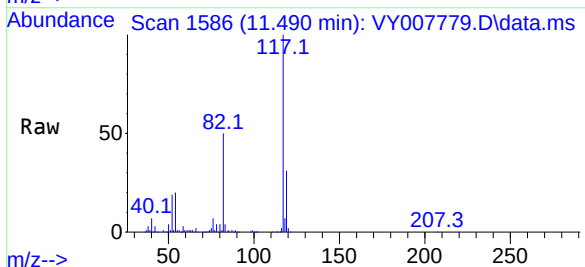
Instrument :
MSVOA_Y
ClientSampleId :

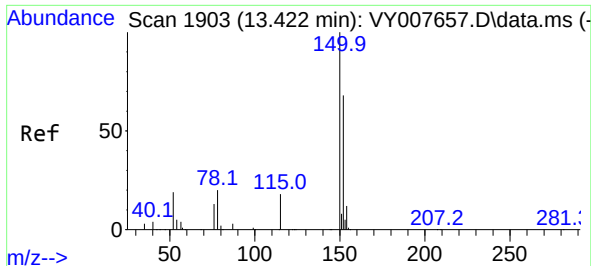
Tgt Ion: 95 Resp: 153902
Ion Ratio Lower Upper
95 100
174 95.9 0.0 177.0
176 92.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

Tgt Ion: 117 Resp: 388598
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 31.0 25.4 38.0



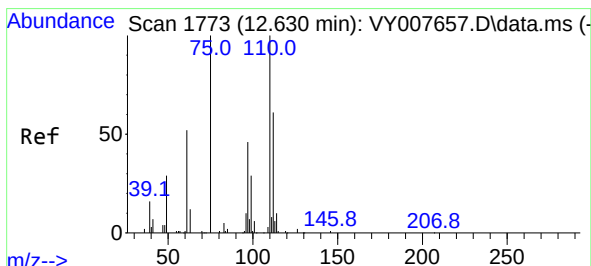
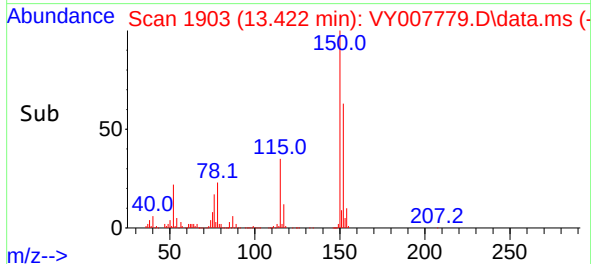
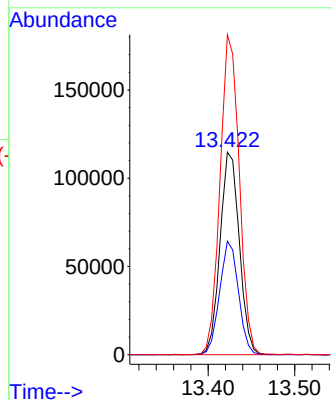
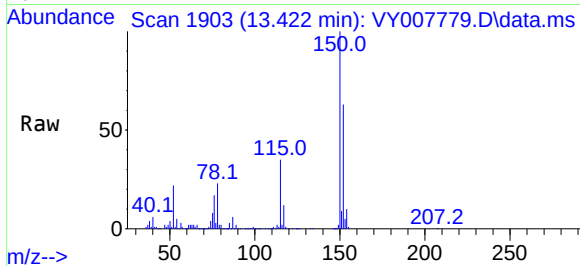


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY007779.D
 Acq: 08 Mar 2022 14:54

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:152 Resp: 177602

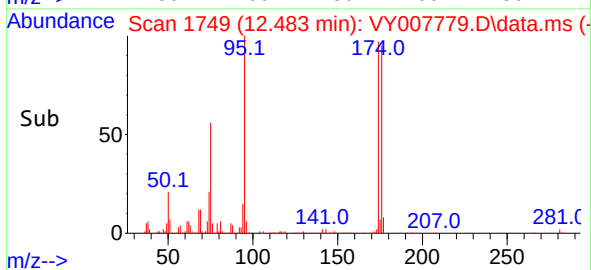
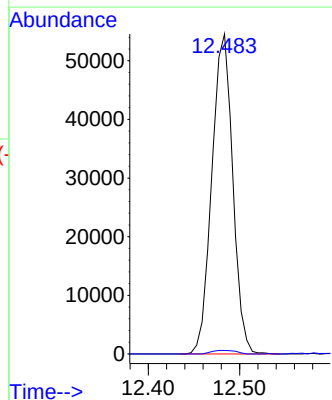
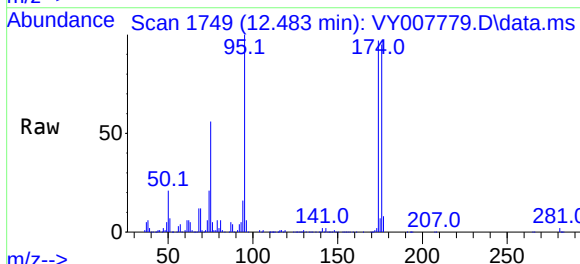
Ion	Ratio	Lower	Upper
152	100		
115	54.6	28.2	84.7
150	157.5	0.0	347.6

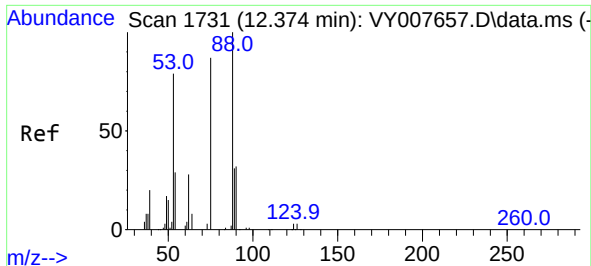


#76
 1,2,3-Trichloropropane
 Concen: 43.654 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY007779.D
 Acq: 08 Mar 2022 14:54

Tgt Ion: 75 Resp: 86583

Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

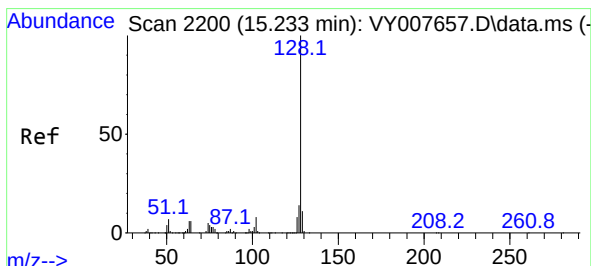
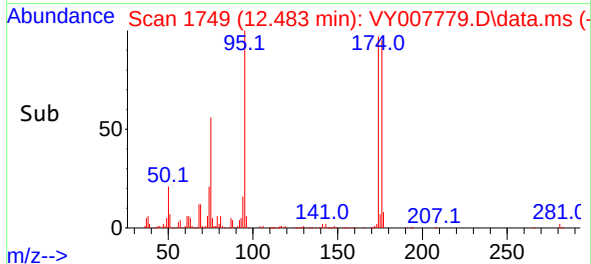
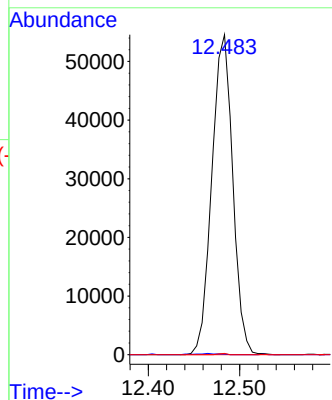
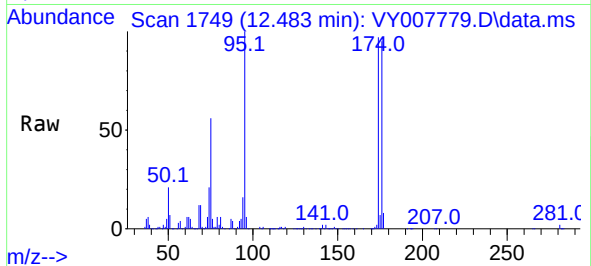




#81
trans-1,4-Dichloro-2-butene
Concen: 89.245 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 86583
Ion Ratio Lower Upper
75 100
53 0.4 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 2.808 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY007779.D
Acq: 08 Mar 2022 14:54

Tgt Ion:128 Resp: 20366
Ion Ratio Lower Upper
128 100
127 14.4 11.0 16.4
129 11.2 8.4 12.6

