

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010696.D
 Acq On : 27 Sep 2022 14:29
 Operator : KP/MD
 Sample : N4751-04
 Misc : 7.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 28 01:25:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

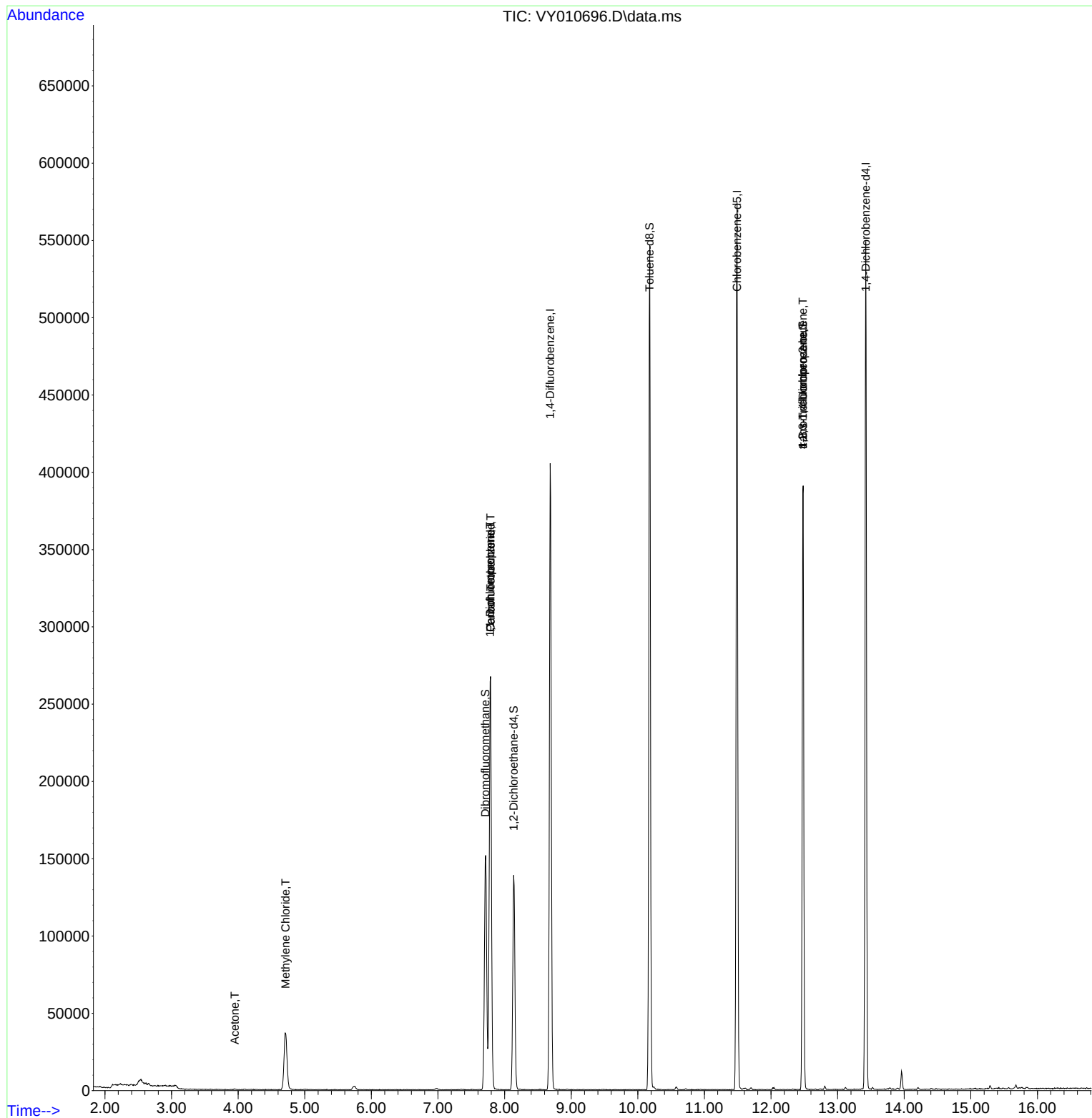
Internal Standards						
1) Pentafluorobenzene	7.789	168	209290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	345165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	307379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138598	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	107906	53.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.800%
35) Dibromofluoromethane	7.710	113	108117	49.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.160%
50) Toluene-d8	10.179	98	353553	43.838	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.680%
62) 4-Bromofluorobenzene	12.477	95	117271	38.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.340%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	57	Below Cal	#	43
3) Chloromethane	2.113	50	491	Below Cal		92
4) Vinyl Chloride	2.290	62	48	Below Cal	#	43
5) Bromomethane	2.650	94	297	Below Cal		89
11) Tert butyl alcohol	4.954	59	121	Below Cal	#	77
16) Acetone	3.948	43	631	1.546 ug/l	#	87
17) Carbon Disulfide	4.180	76	158	Below Cal	#	75
18) Methyl Acetate	4.704	43	83	Below Cal	#	56
20) Methylene Chloride	4.710	84	28374	1.573 ug/l		85
31) Cyclohexane	7.789	56	4452	Below Cal	#	26
36) 1,1-Dichloropropene	7.783	75	16064	6.545 ug/l	#	51
38) Carbon Tetrachloride	7.789	117	20378	7.221 ug/l	#	15
76) 1,2,3-Trichloropropane	12.477	75	61203	46.267 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	61203	102.871 ug/l	#	7

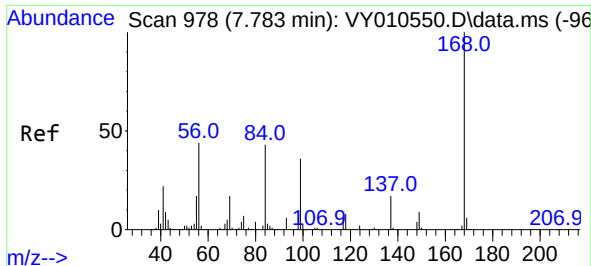
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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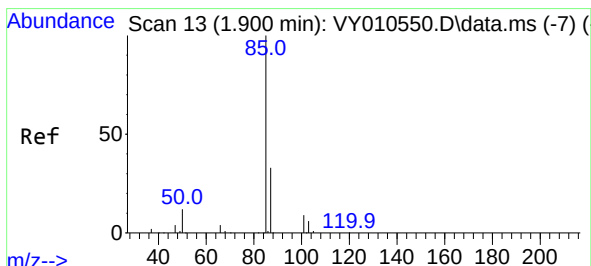
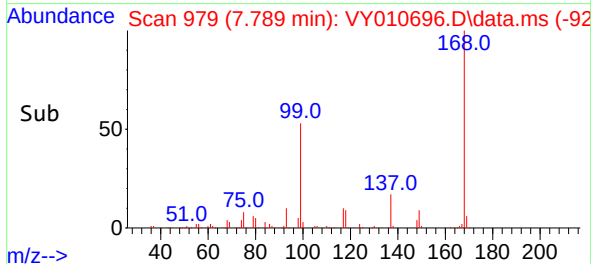
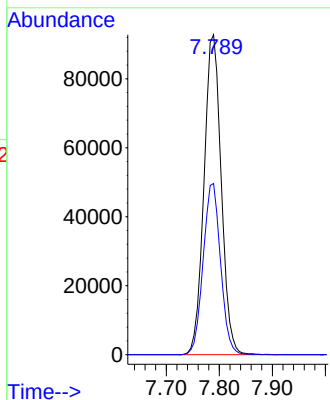
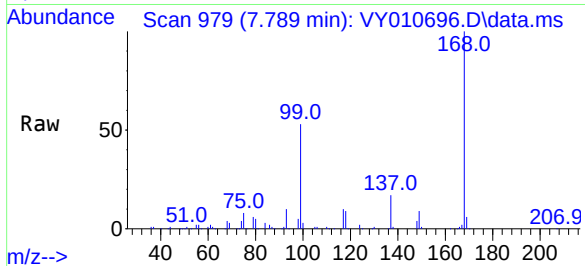




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

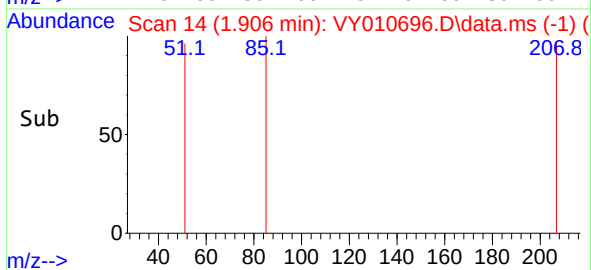
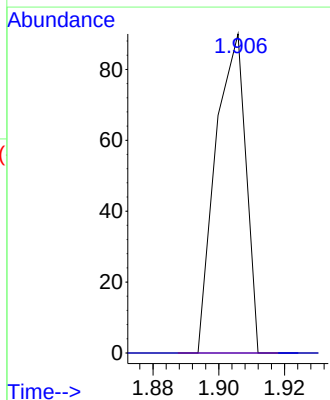
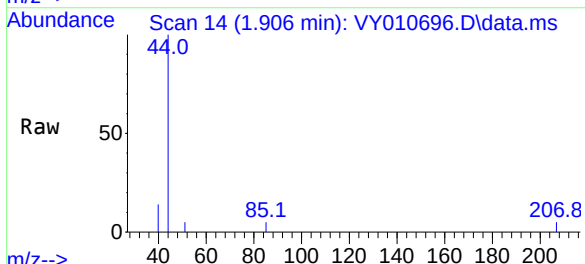
Instrument :
MSVOA_Y
ClientSampleId :

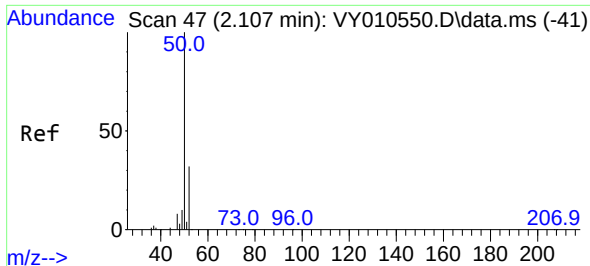
Tgt Ion:168 Resp: 209290
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Tgt Ion: 85 Resp: 57
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

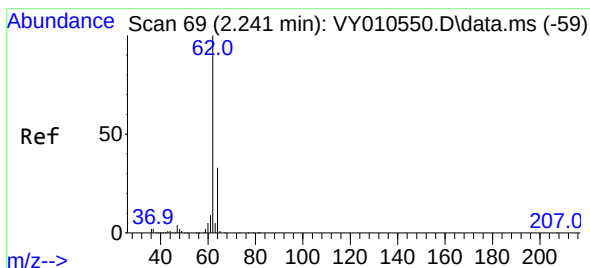
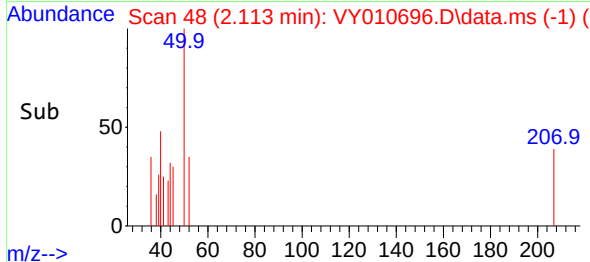
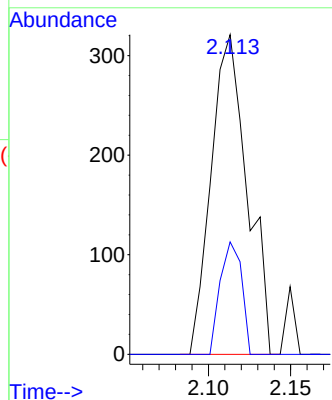
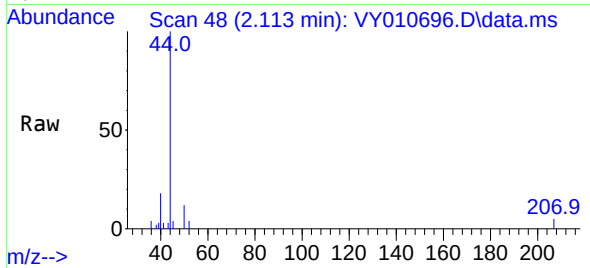




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

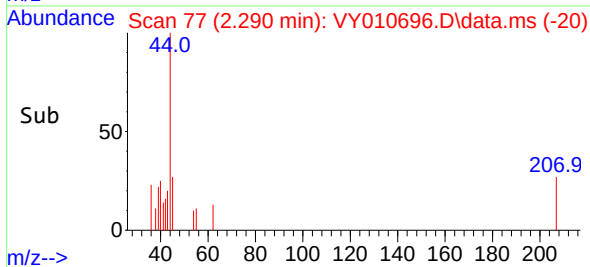
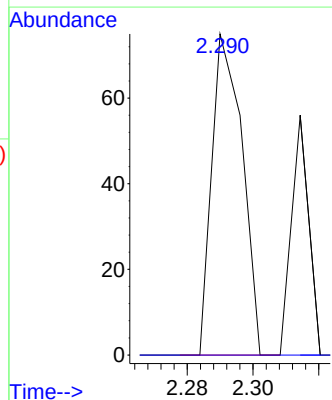
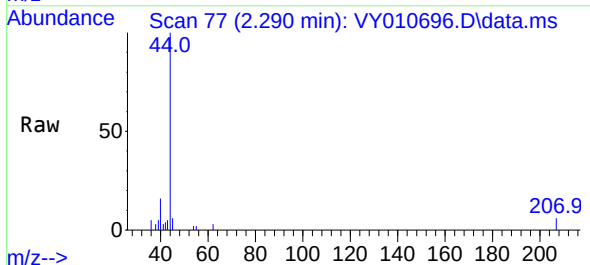
Instrument :
MSVOA_Y
ClientSampleId :

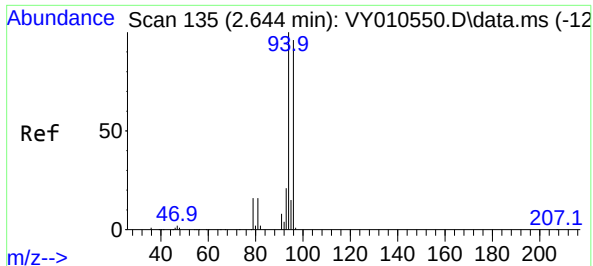
Tgt Ion: 50 Resp: 491
Ion Ratio Lower Upper
50 100
52 35.2 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.290 min Scan# 77
Delta R.T. 0.049 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

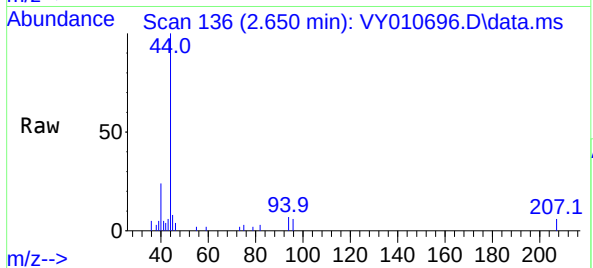
Tgt Ion: 62 Resp: 48
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#



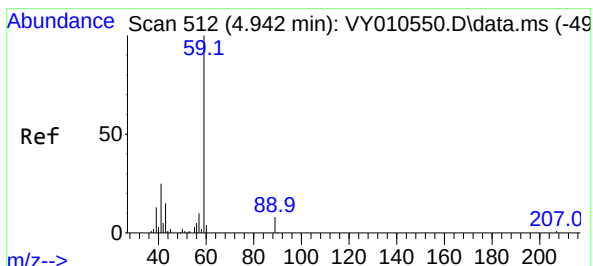
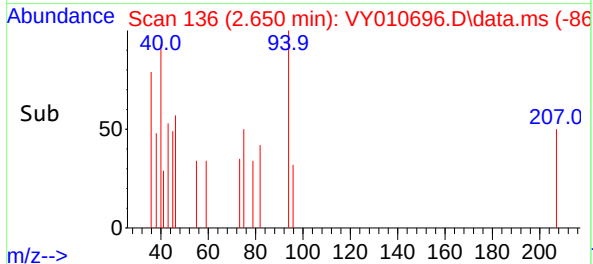
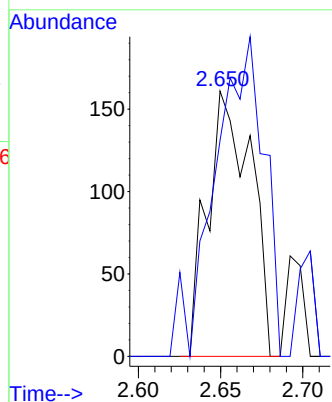


#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :

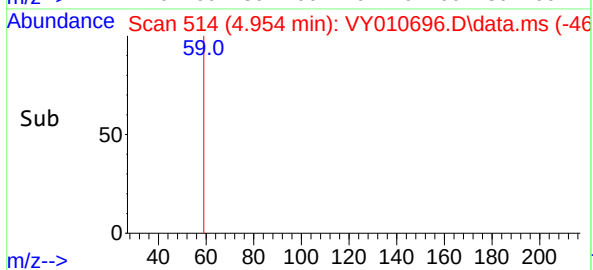
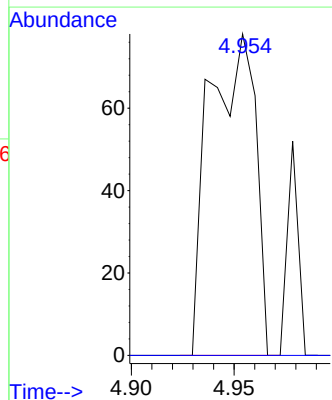
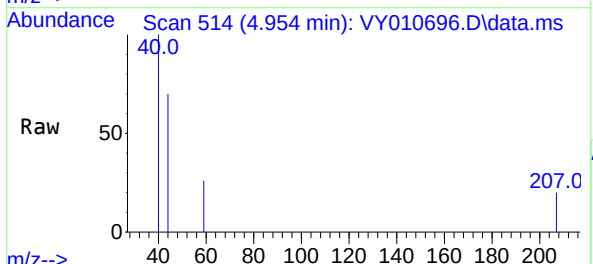


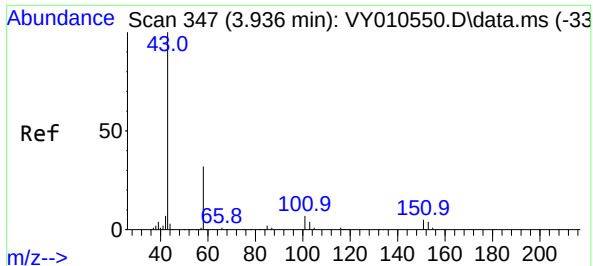
Tgt Ion: 94 Resp: 297
Ion Ratio Lower Upper
94 100
96 81.4 73.5 110.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Tgt Ion: 59 Resp: 121
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

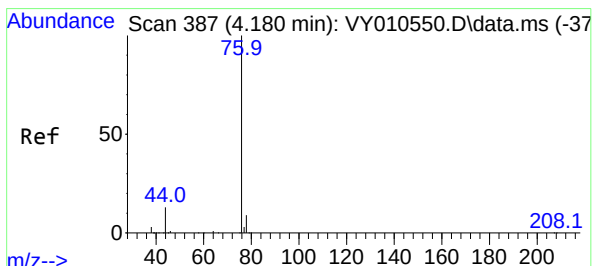
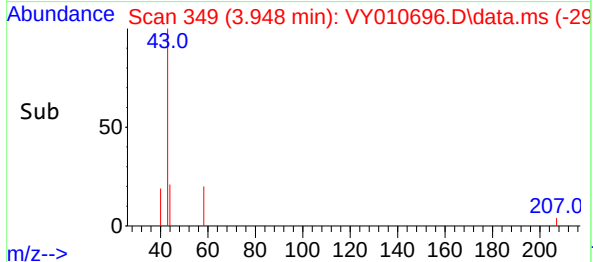
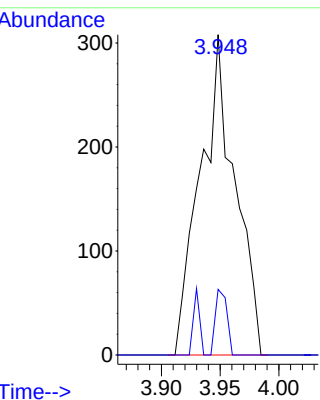
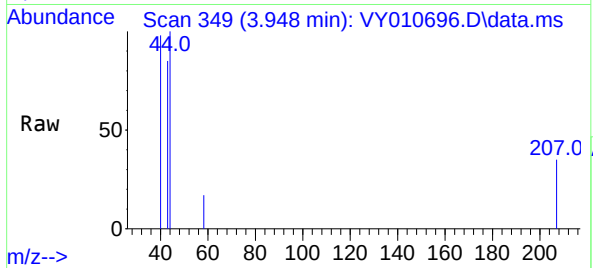




#16
Acetone
Concen: 1.546 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

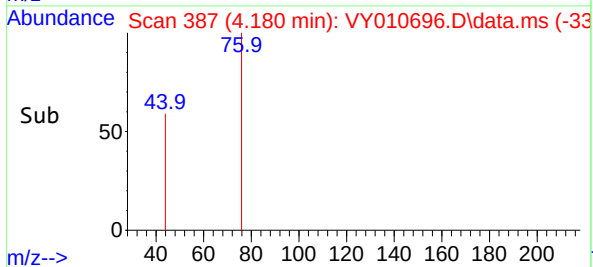
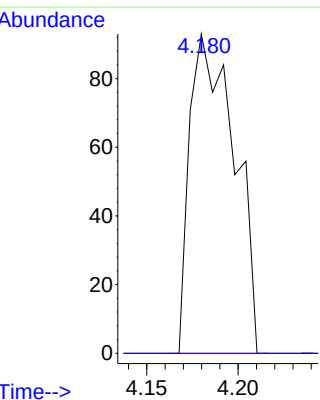
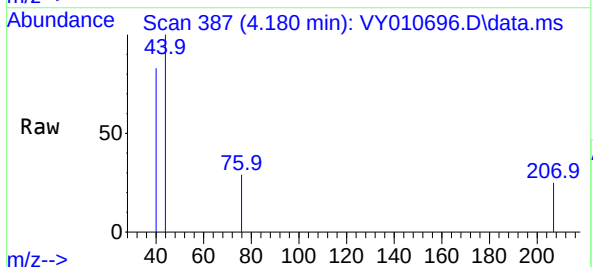
Instrument :
MSVOA_Y
ClientSampleId :

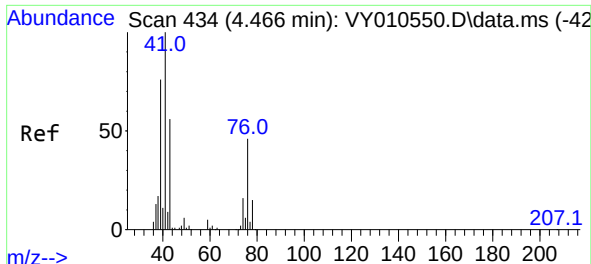
Tgt Ion: 43 Resp: 631
Ion Ratio Lower Upper
43 100
58 20.5 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

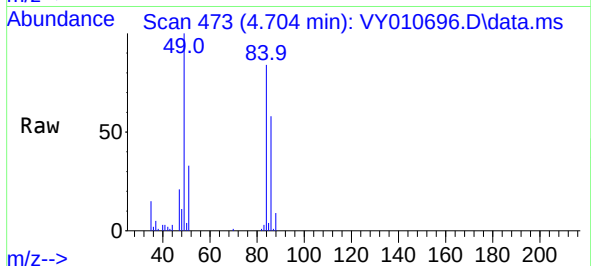
Tgt Ion: 76 Resp: 158
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



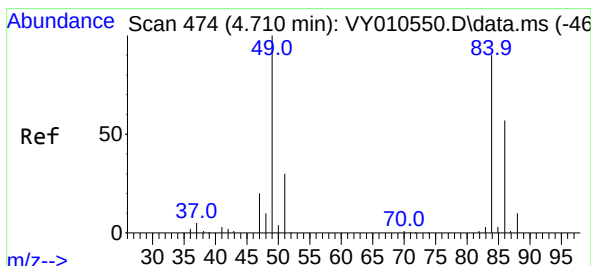
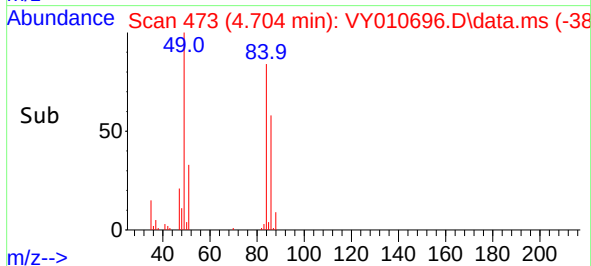
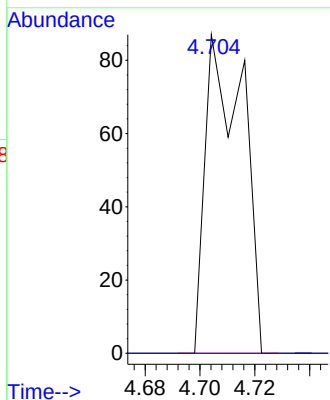


#18
Methyl Acetate
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. 0.238 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :

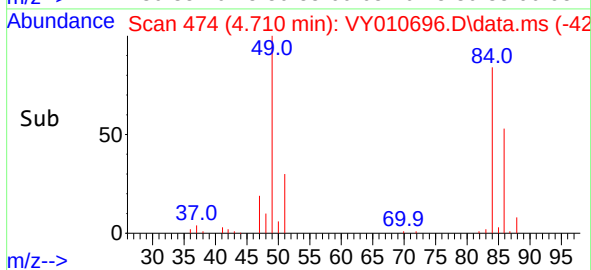
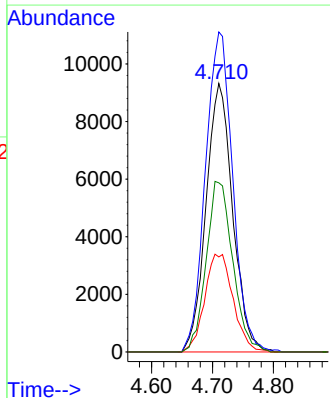
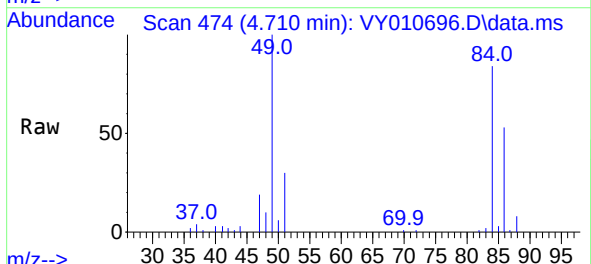


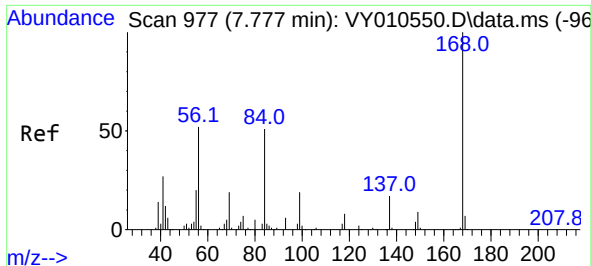
Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.573 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

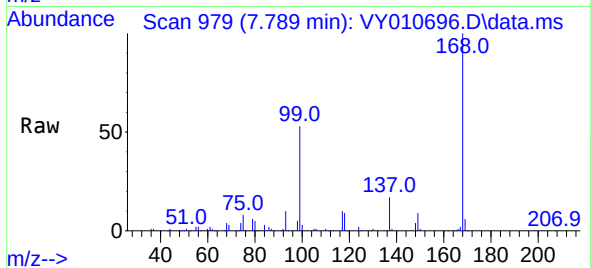
Tgt Ion: 84 Resp: 28374
Ion Ratio Lower Upper
84 100
49 119.2 114.4 171.6
51 35.4 35.3 52.9
86 63.0 53.7 80.5



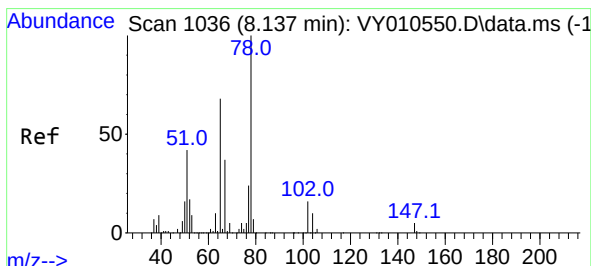
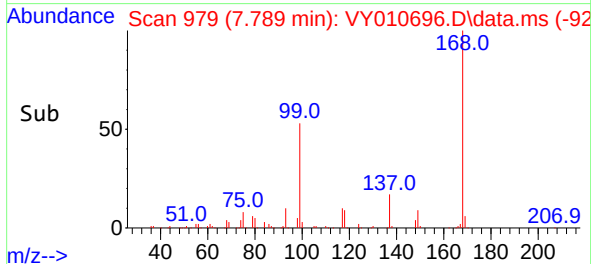
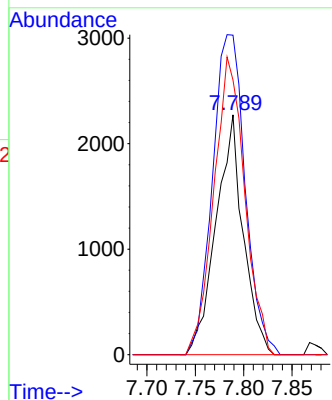


#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :

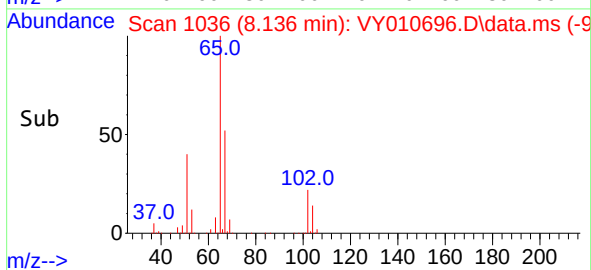
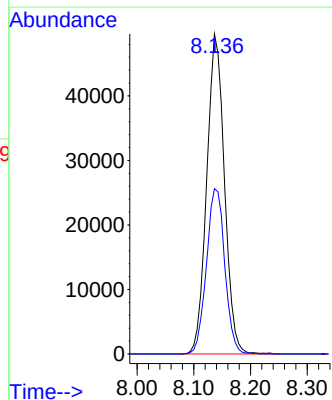
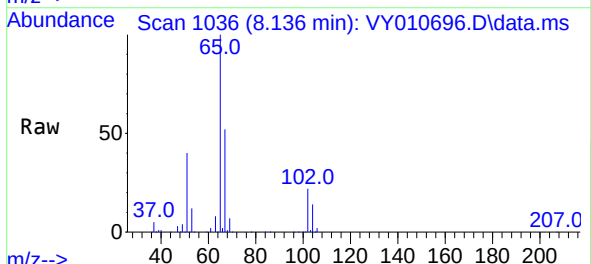


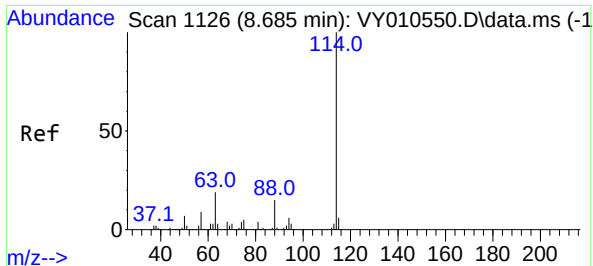
Tgt Ion: 56 Resp: 4452
Ion Ratio Lower Upper
56 100
69 133.2 26.7 40.1#
84 114.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.904 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Tgt Ion: 65 Resp: 107906
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010696.D

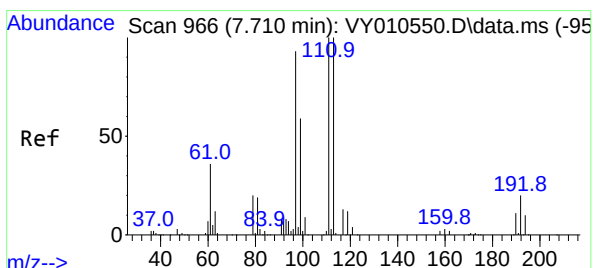
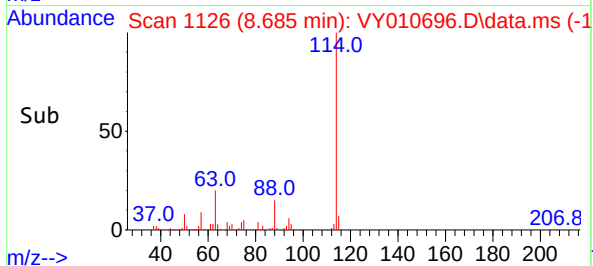
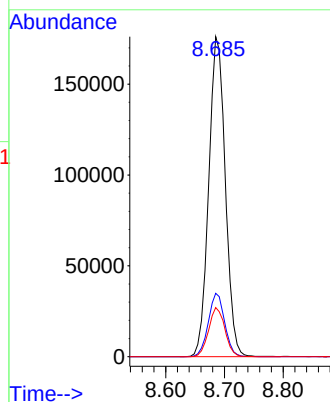
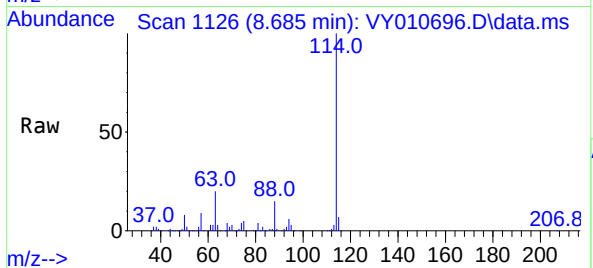
Acq: 27 Sep 2022 14:29

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	345165
Ion	Ratio	Lower Upper
114	100	
63	19.8	0.0 43.2
88	15.3	0.0 31.8



#35

Dibromofluoromethane

Concen: 49.081 ug/l

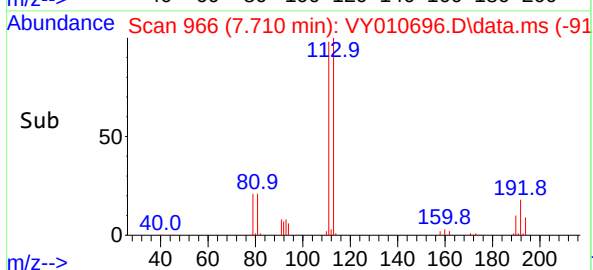
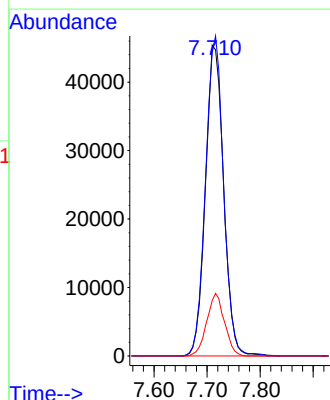
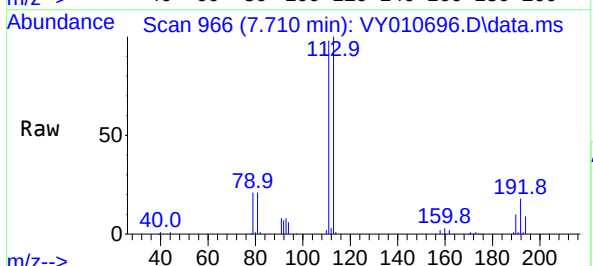
RT: 7.710 min Scan# 966

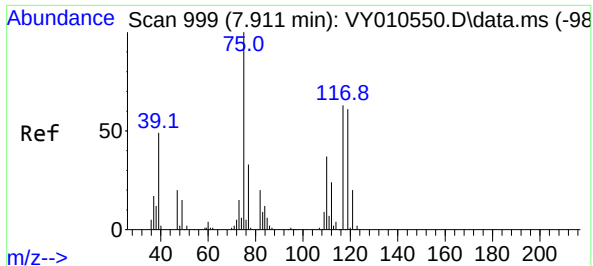
Delta R.T. -0.000 min

Lab File: VY010696.D

Acq: 27 Sep 2022 14:29

Tgt Ion:113	Resp:	108117
Ion	Ratio	Lower Upper
113	100	
111	102.3	82.6 124.0
192	19.6	17.6 26.4





#36

1,1-Dichloropropene

Concen: 6.545 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010696.D

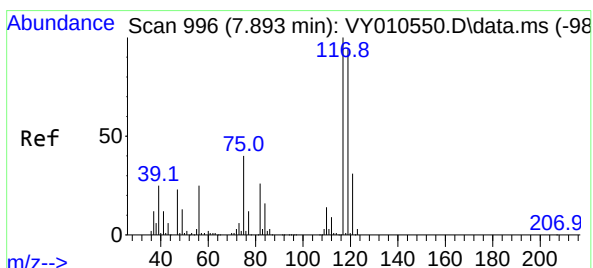
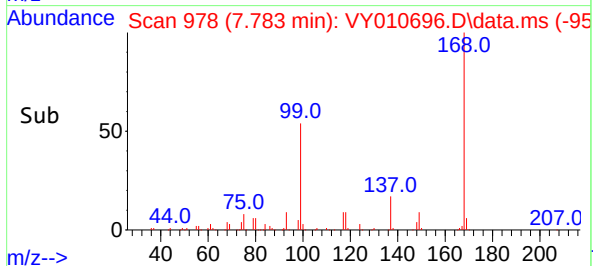
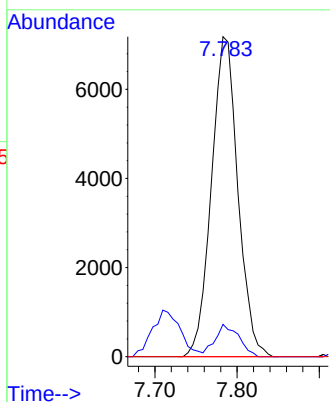
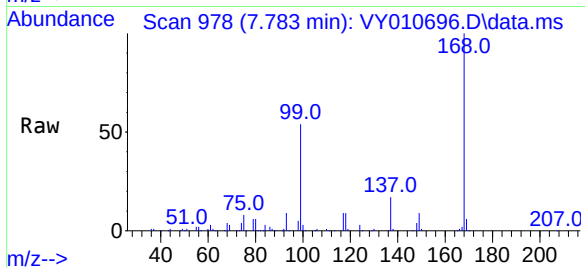
Acq: 27 Sep 2022 14:29

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	16064
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.1	51.2#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 7.221 ug/l

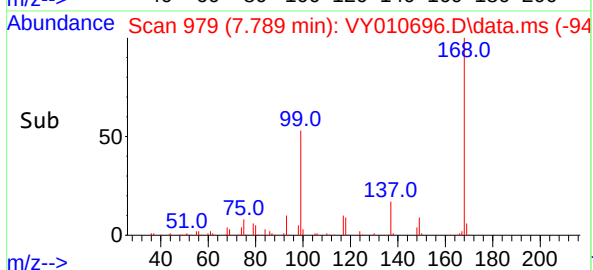
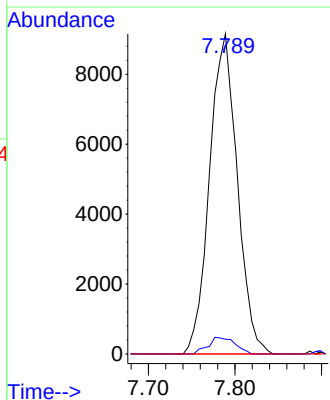
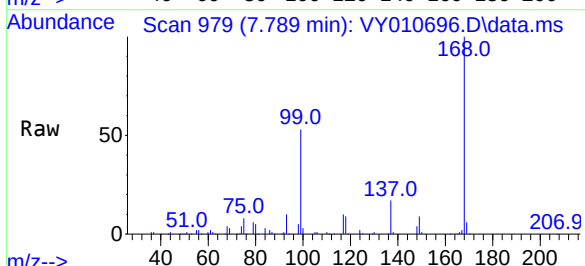
RT: 7.789 min Scan# 979

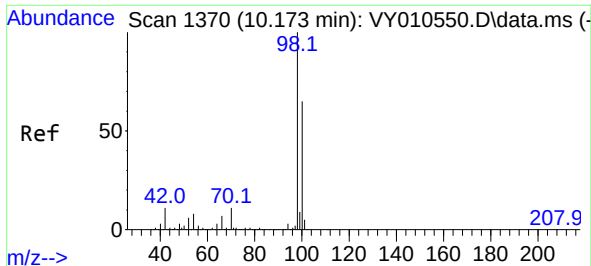
Delta R.T. -0.104 min

Lab File: VY010696.D

Acq: 27 Sep 2022 14:29

Tgt Ion:	117	Resp:	20378
Ion	Ratio	Lower	Upper
117	100		
119	4.6	77.9	116.9#
121	0.0	24.8	37.2#

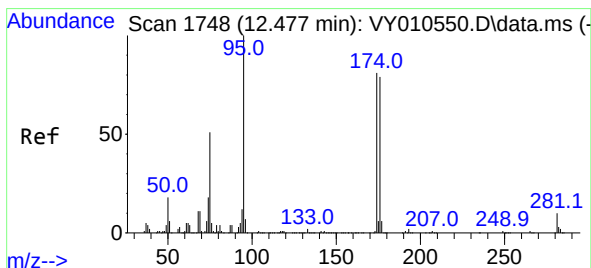
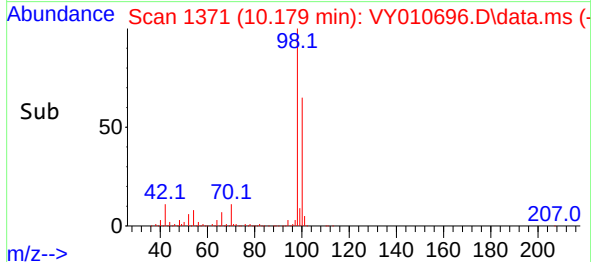
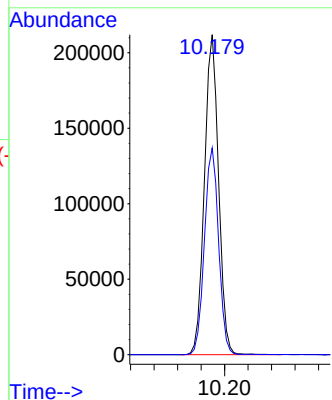
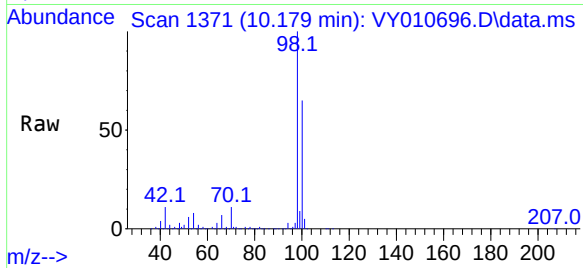




#50
Toluene-d8
Concen: 43.838 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

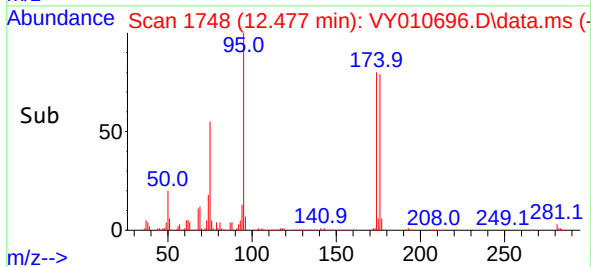
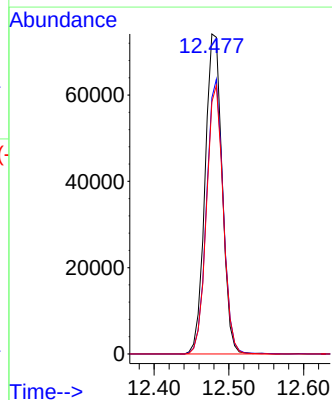
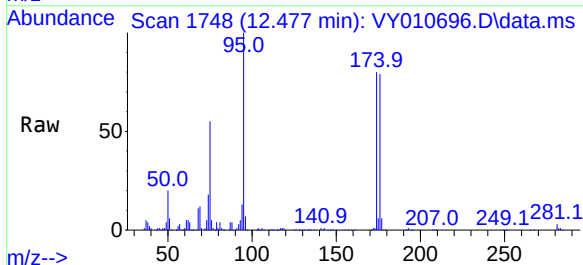
Instrument :
MSVOA_Y
ClientSampleId :

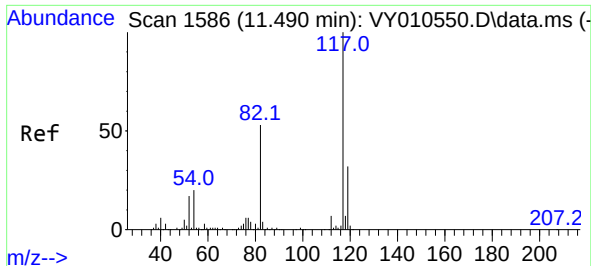
Tgt Ion: 98 Resp: 353553
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.174 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

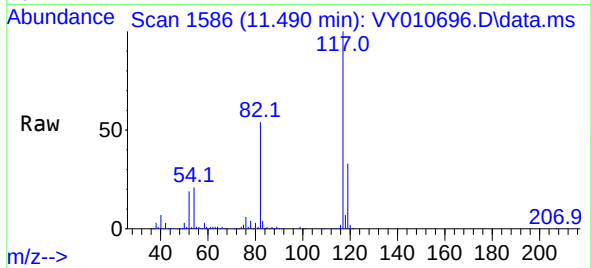
Tgt Ion: 95 Resp: 117271
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 81.8 0.0 175.8



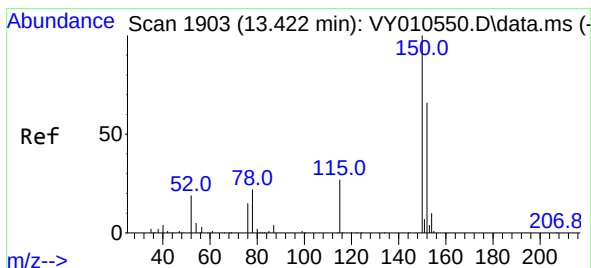
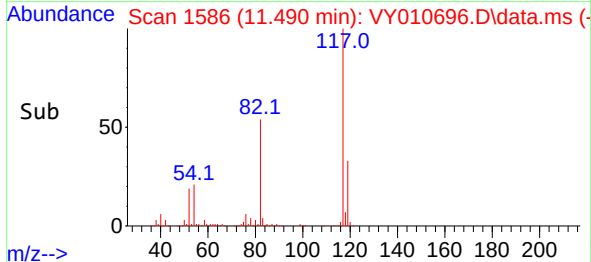
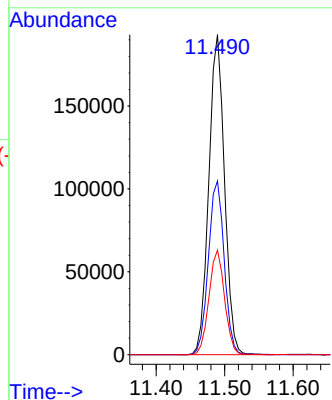


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :

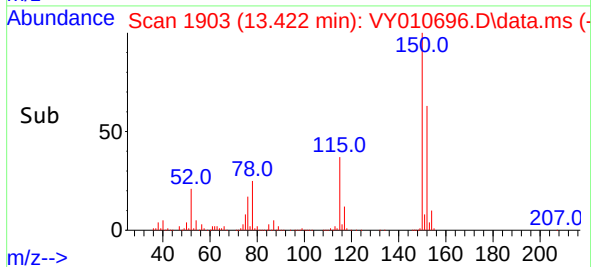
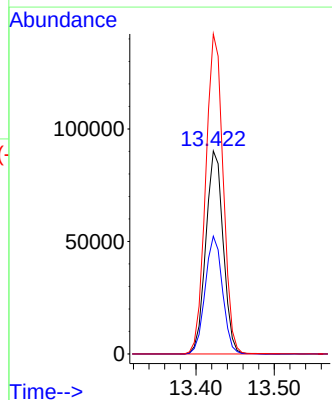
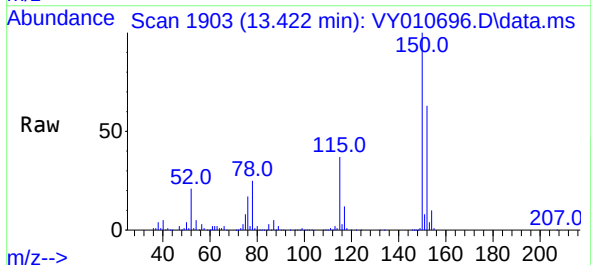


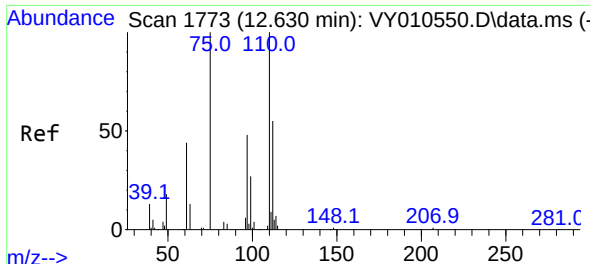
Tgt Ion:117 Resp: 307379
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Tgt Ion:152 Resp: 138598
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 158.3 0.0 347.6

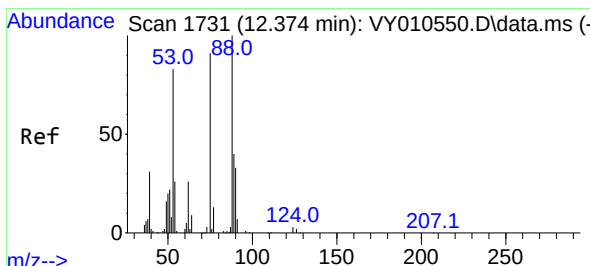
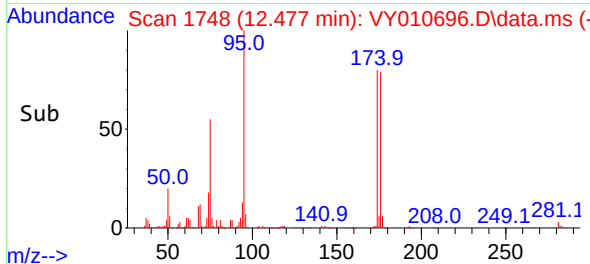
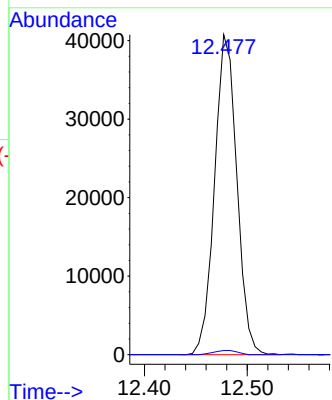
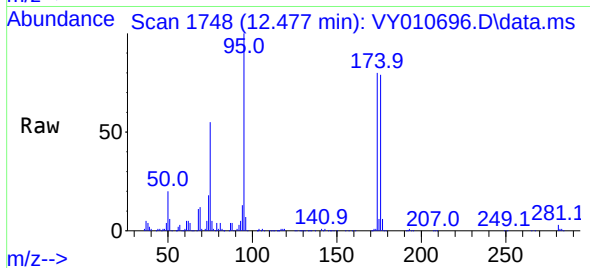




#76
1,2,3-Trichloropropane
Concen: 46.267 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 61203
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.871 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010696.D
Acq: 27 Sep 2022 14:29

Tgt Ion: 75 Resp: 61203
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

