

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030322\
 Data File : VY007724.D
 Acq On : 04 Mar 2022 00:10
 Operator : SY/MD
 Sample : N1730-03
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 04 00:46:08 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)

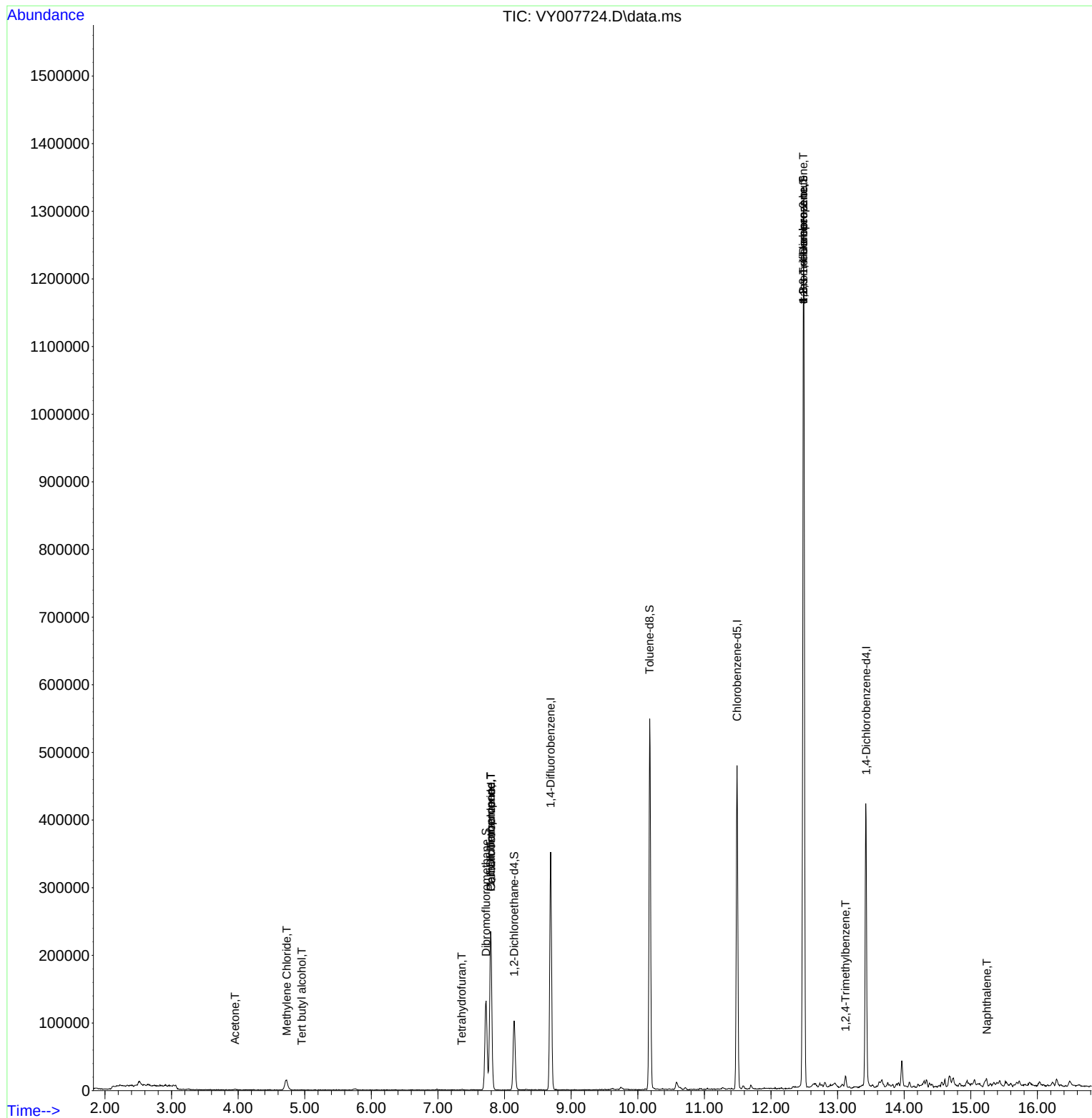
Internal Standards						
1) Pentafluorobenzene	7.795	168	190068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	302892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	259005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107370	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78722	39.562	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.120%
35) Dibromofluoromethane	7.722	113	91037	47.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.020%
50) Toluene-d8	10.179	98	356247	49.976	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.960%
62) 4-Bromofluorobenzene	12.483	95	99770	43.420	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	126	Below Cal	#	43
3) Chloromethane	2.113	50	736	Below Cal	#	59
11) Tert butyl alcohol	4.954	59	431	2.502	ug/l #	77
13) Acrolein	3.735	56	102	Below Cal	#	14
16) Acetone	3.954	43	1890	4.669	ug/l #	80
17) Carbon Disulfide	4.217	76	22	Below Cal	#	75
18) Methyl Acetate	4.479	43	132	Below Cal		95
20) Methylene Chloride	4.729	84	11273	1.593	ug/l #	80
29) Tetrahydrofuran	7.356	42	474	1.020	ug/l #	72
31) Cyclohexane	7.795	56	4122	Below Cal	#	14
36) 1,1-Dichloropropene	7.789	75	14316	4.699	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17937	5.520	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	63682	53.110	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63682	108.576	ug/l #	9
84) 1,2,4-Trimethylbenzene	13.117	105	8265	1.255	ug/l	100
95) Naphthalene	15.239	128	8148	1.858	ug/l	95

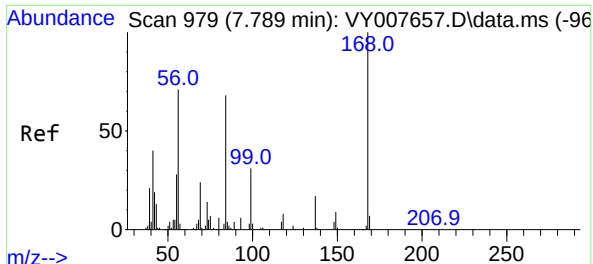
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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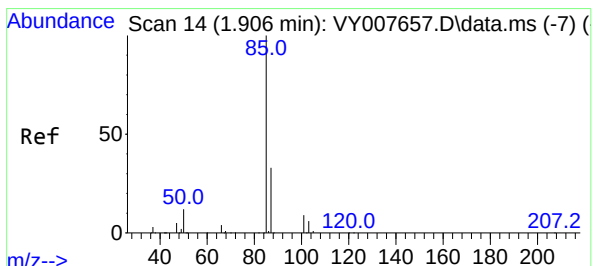
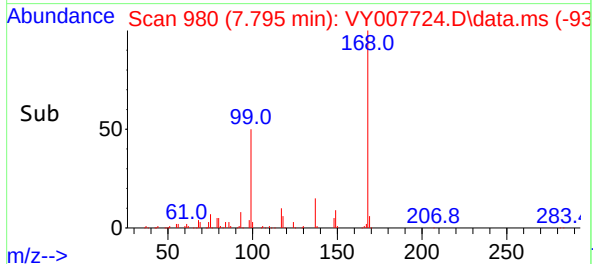
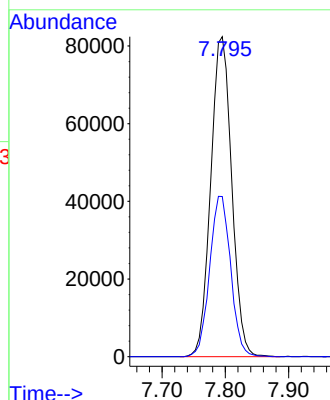
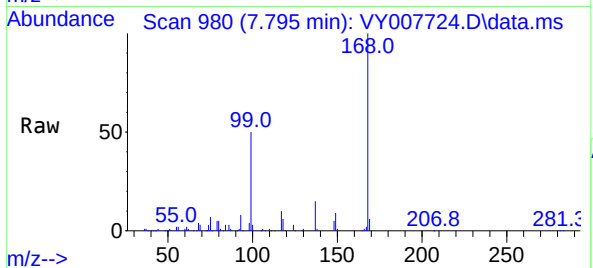




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

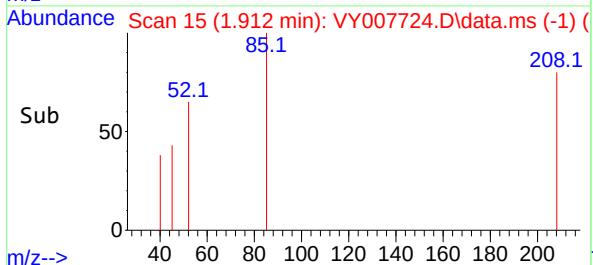
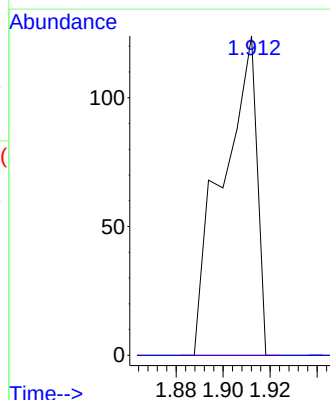
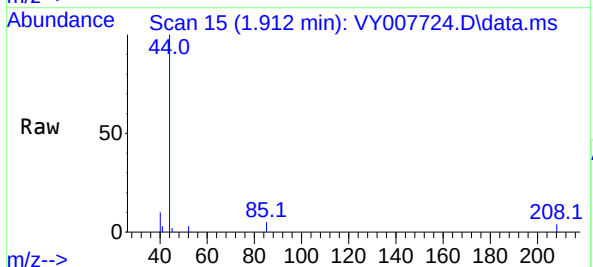
Instrument :
MSVOA_Y
ClientSampleId :

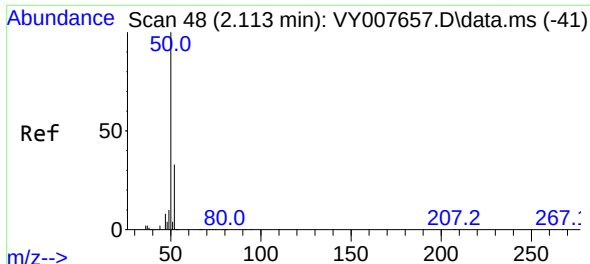
Tgt Ion:168 Resp: 190068
Ion Ratio Lower Upper
168 100
99 50.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

Tgt Ion: 85 Resp: 126
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

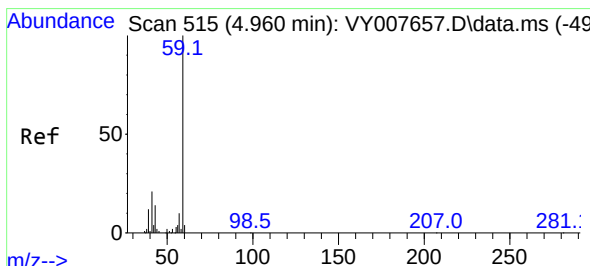
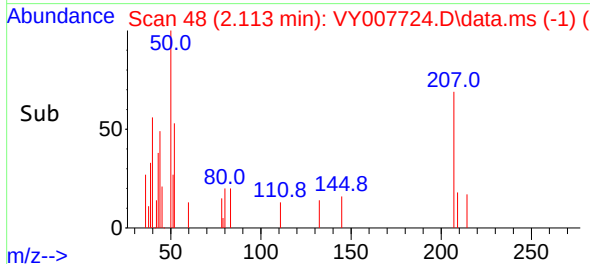
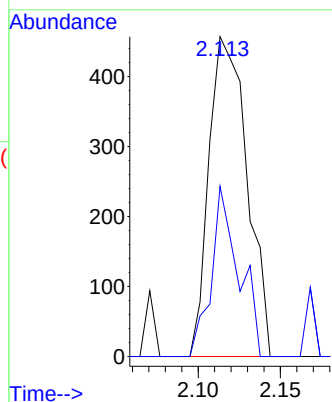
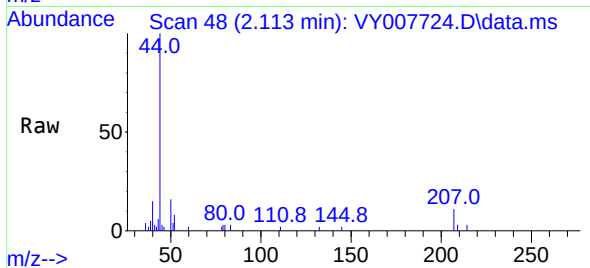




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

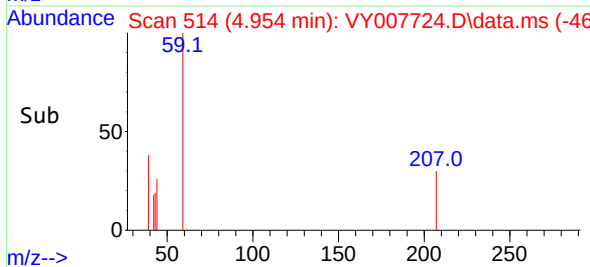
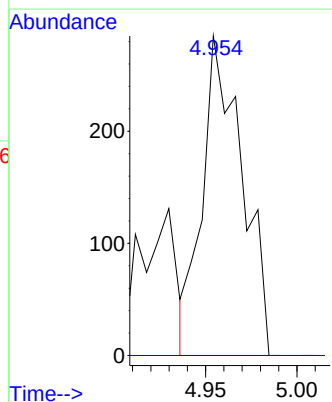
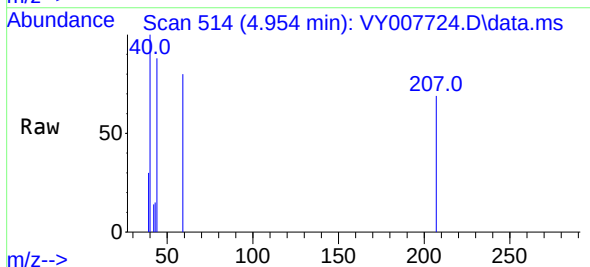
Instrument :
MSVOA_Y
ClientSampleId :

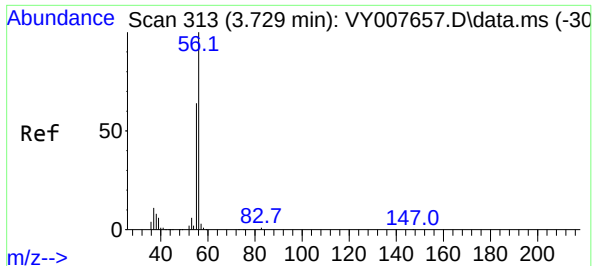
Tgt Ion: 50 Resp: 736
Ion Ratio Lower Upper
50 100
52 53.2 24.6 37.0#



#11
Tert butyl alcohol
Concen: 2.502 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

Tgt Ion: 59 Resp: 431
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

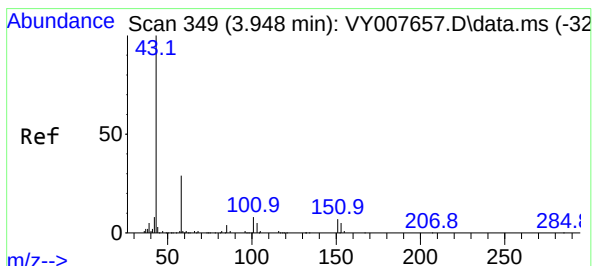
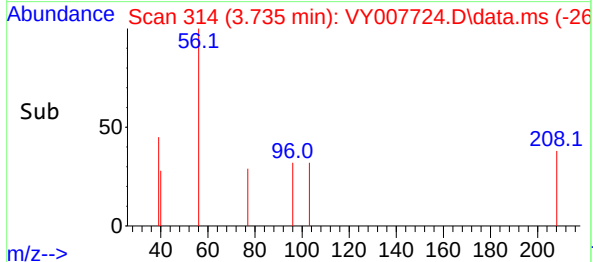
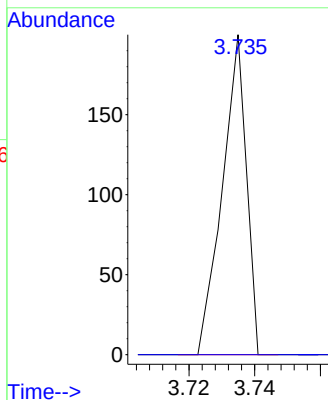
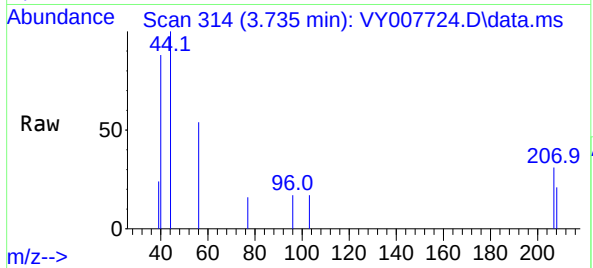




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

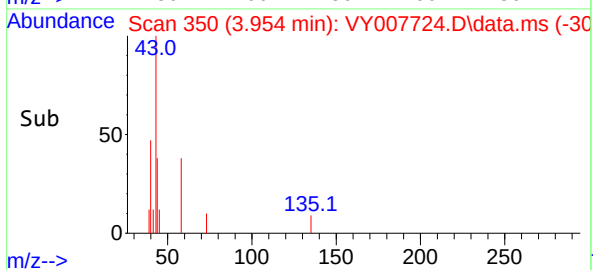
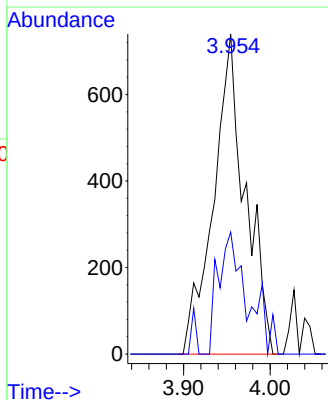
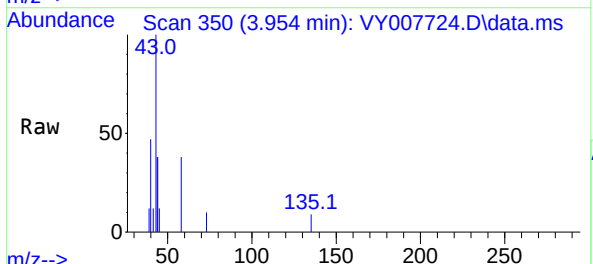
Instrument :
MSVOA_Y
ClientSampleId :

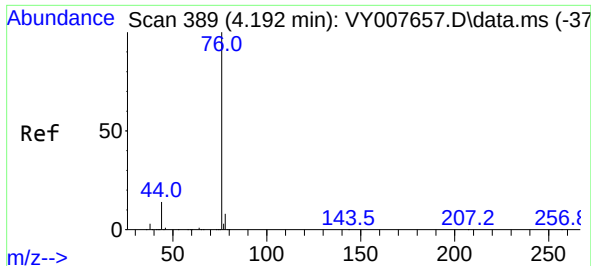
Tgt Ion: 56 Resp: 102
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 4.669 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

Tgt Ion: 43 Resp: 1890
Ion Ratio Lower Upper
43 100
58 38.1 22.0 33.0#

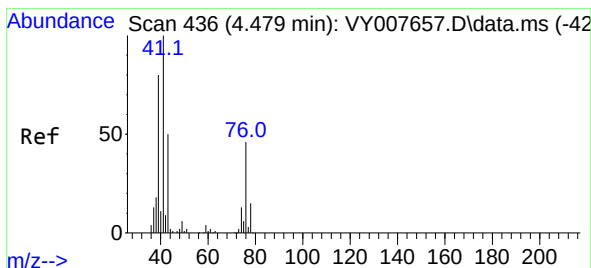
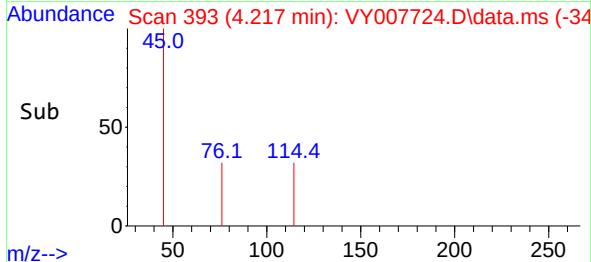
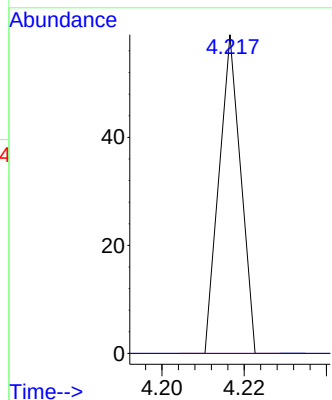
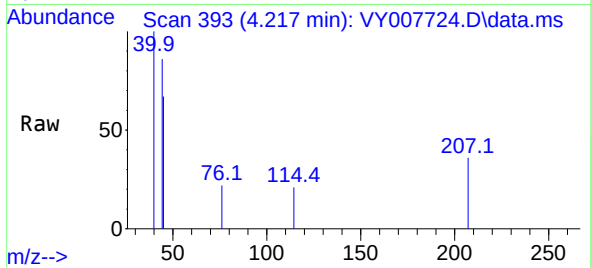




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.217 min Scan# 393
Delta R.T. 0.025 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

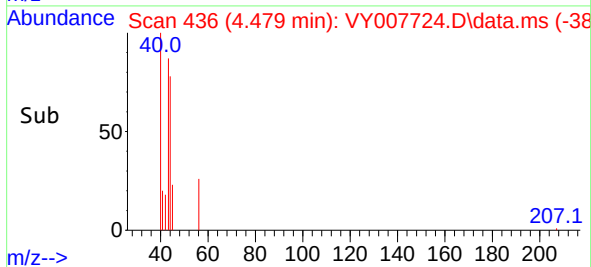
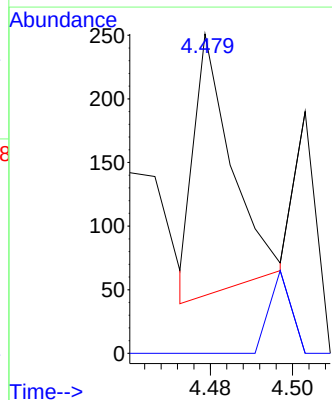
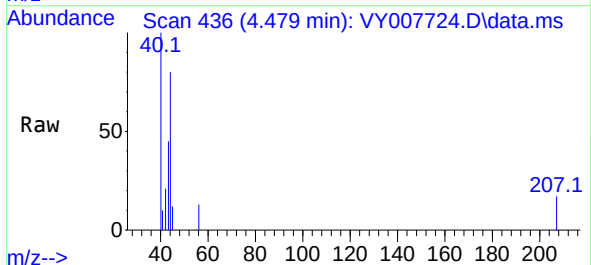
Instrument :
MSVOA_Y
ClientSampleId :

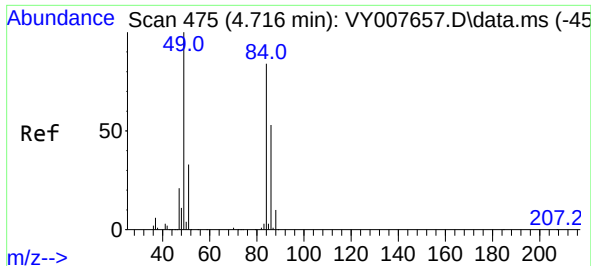
Tgt Ion: 76 Resp: 22
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

Tgt Ion: 43 Resp: 132
Ion Ratio Lower Upper
43 100
74 18.2 16.6 24.8





#20

Methylene Chloride

Concen: 1.593 ug/l

RT: 4.729 min Scan# 41

Delta R.T. 0.013 min

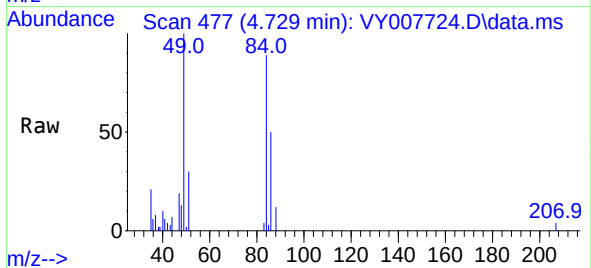
Lab File: VY007724.D

Acq: 04 Mar 2022 00:10

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 11273

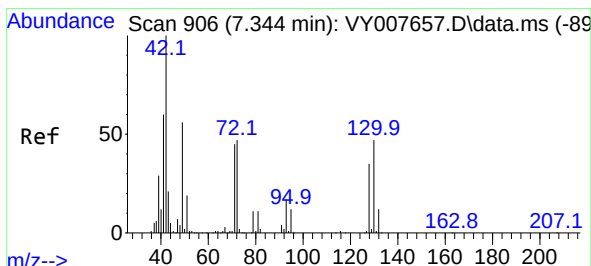
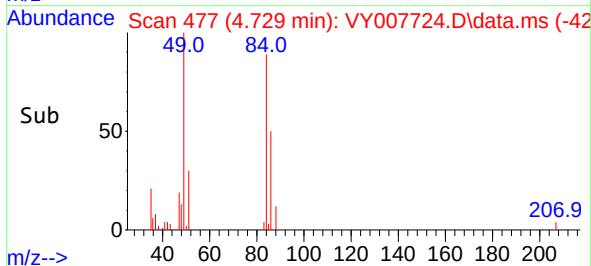
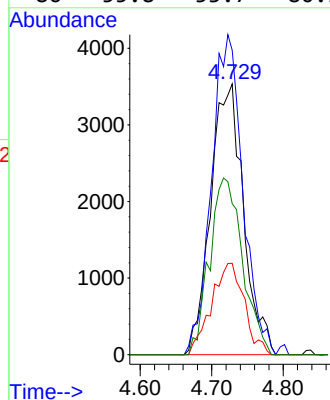
Ion Ratio Lower Upper

84 100

49 112.5 114.4 171.6#

51 33.8 35.3 52.9#

86 55.8 53.7 80.5



#29

Tetrahydrofuran

Concen: 1.020 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY007724.D

Acq: 04 Mar 2022 00:10

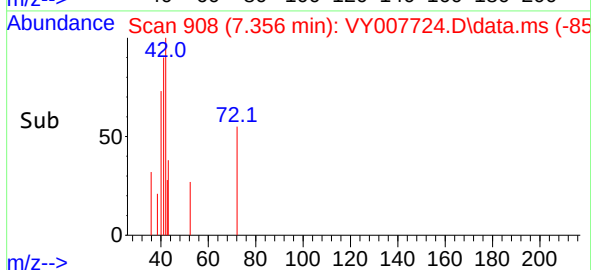
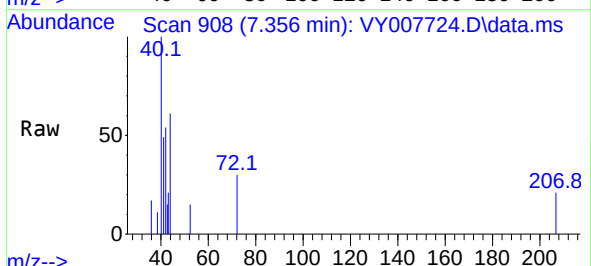
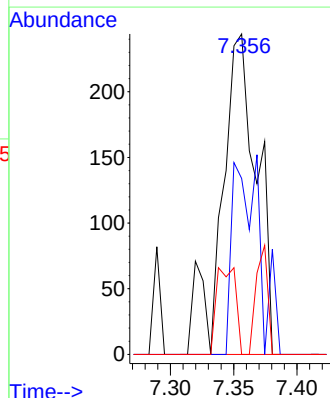
Tgt Ion: 42 Resp: 474

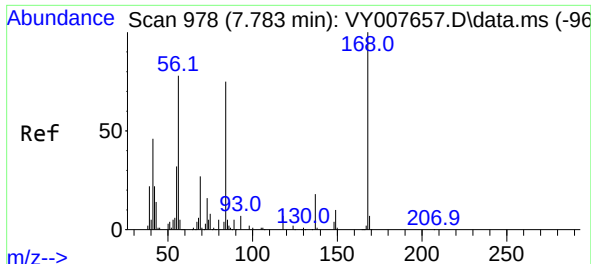
Ion Ratio Lower Upper

42 100

72 46.8 30.3 45.5#

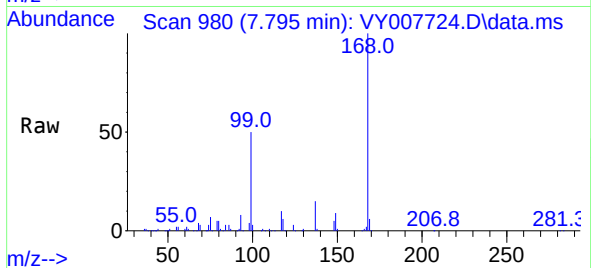
71 11.2 29.0 43.4#



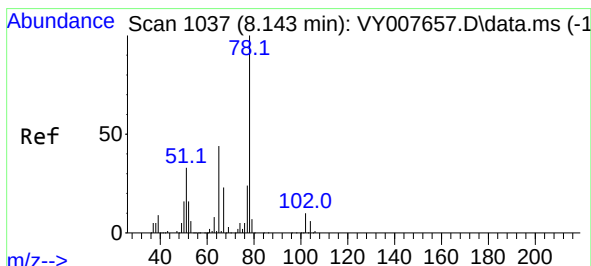
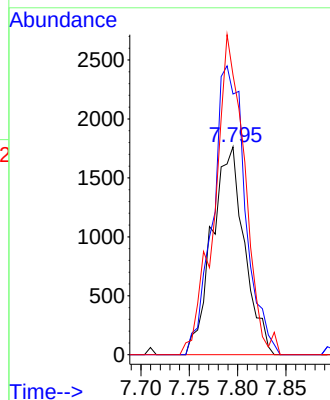
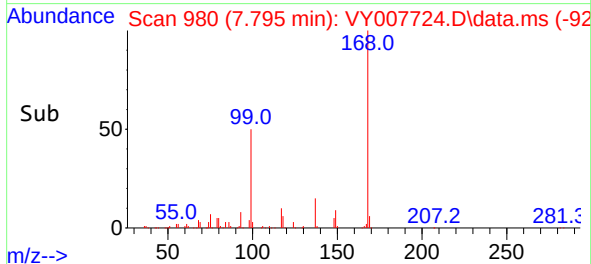


#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

Instrument :
MSVOA_Y
ClientSampleId :

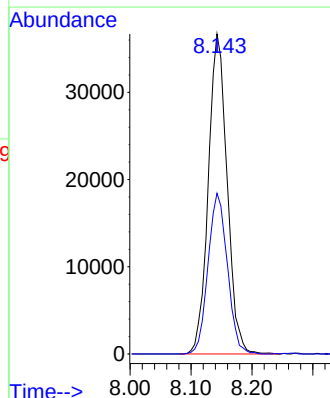
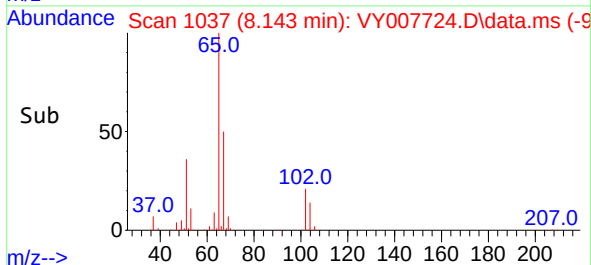
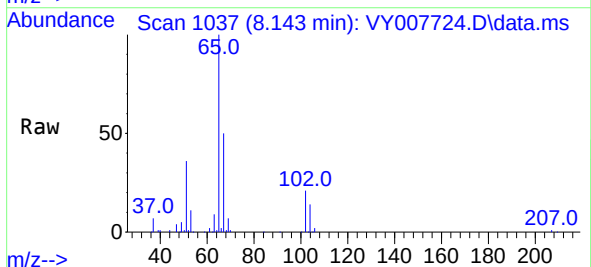


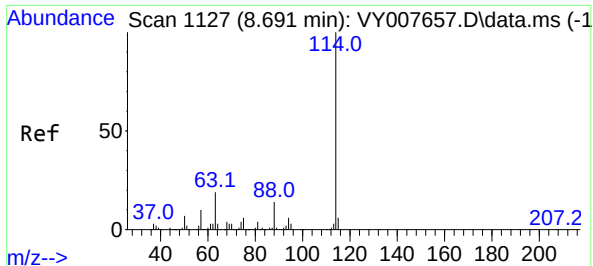
Tgt Ion: 56 Resp: 4122
Ion Ratio Lower Upper
56 100
69 125.4 26.7 40.1#
84 134.6 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 39.562 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

Tgt Ion: 65 Resp: 78722
Ion Ratio Lower Upper
65 100
67 51.5 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: VY007724.D

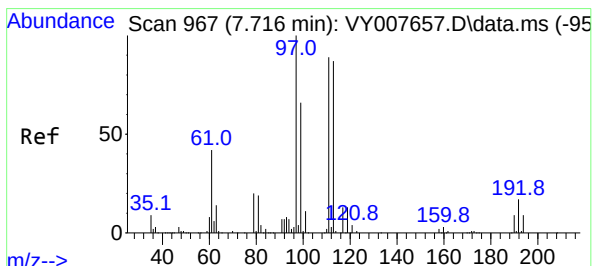
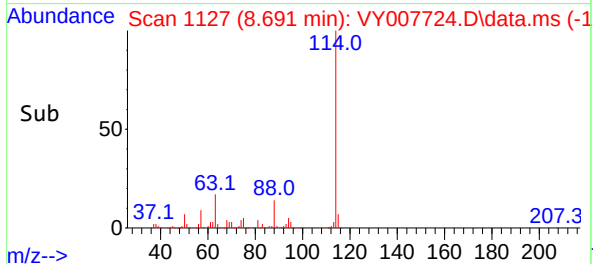
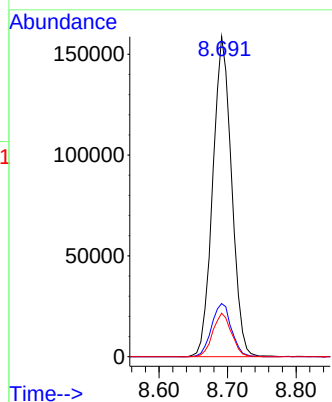
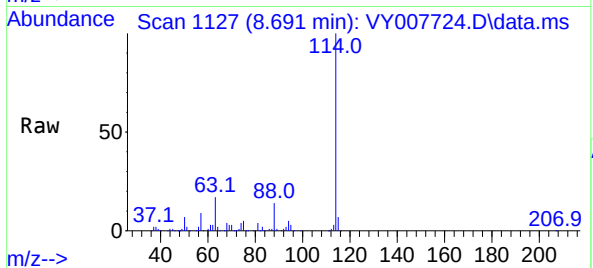
Acq: 04 Mar 2022 00:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	114	Resp:	302892
Ion	Ratio	Lower	Upper
114	100		
63	16.6	0.0	43.2
88	13.6	0.0	31.8



#35

Dibromofluoromethane

Concen: 47.011 ug/l

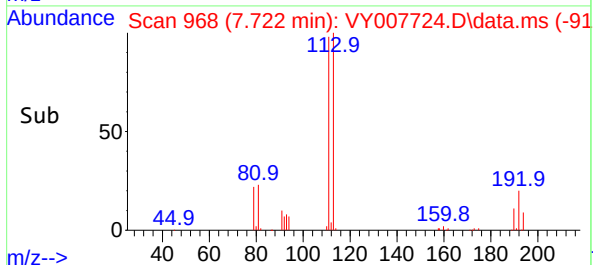
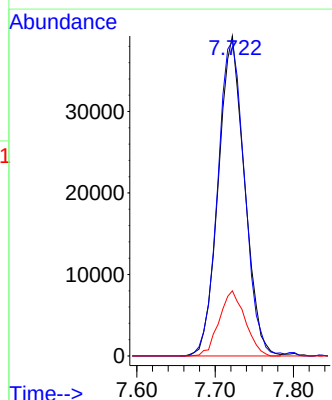
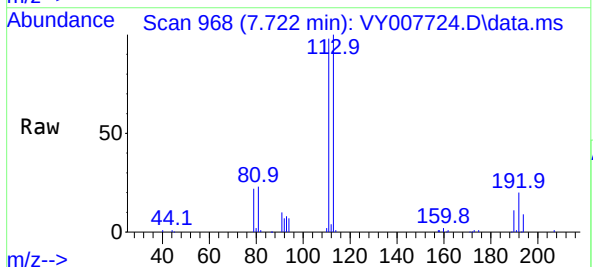
RT: 7.722 min Scan# 968

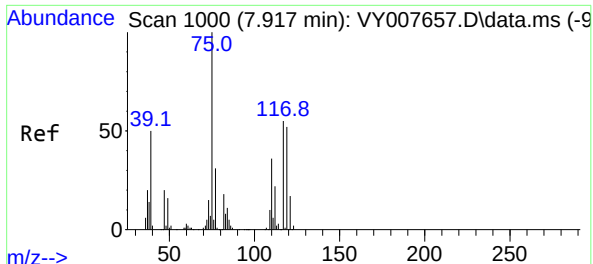
Delta R.T. 0.006 min

Lab File: VY007724.D

Acq: 04 Mar 2022 00:10

Tgt Ion:	113	Resp:	91037
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	124.0
192	20.2	17.6	26.4

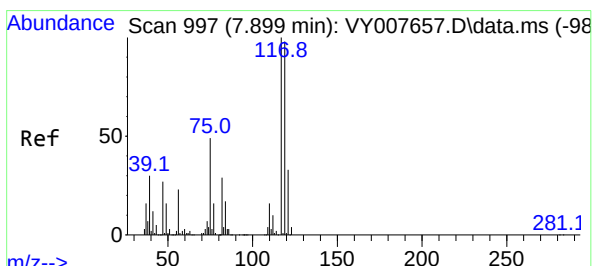
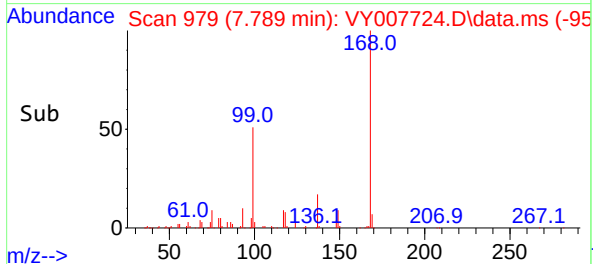
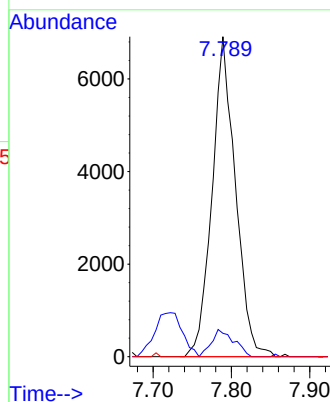
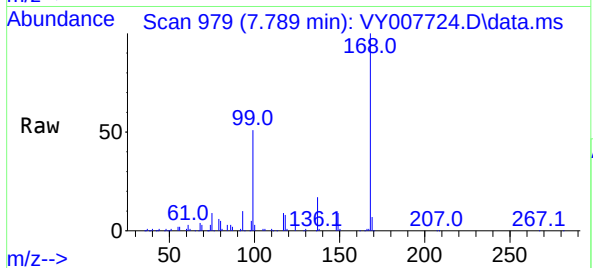




#36
1,1-Dichloropropene
Concen: 4.699 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

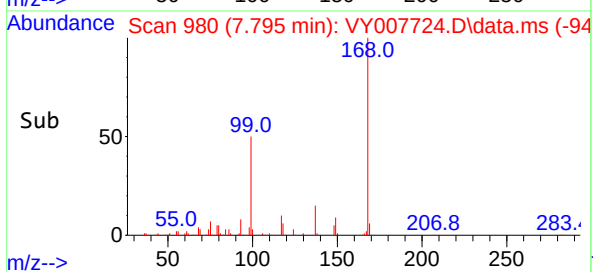
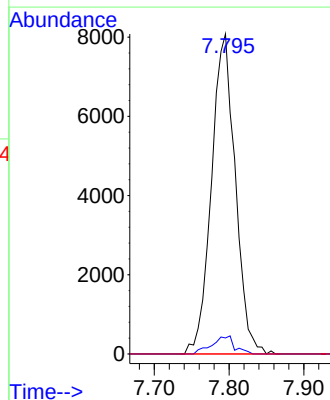
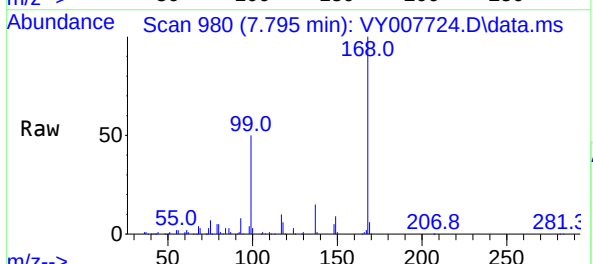
Instrument :
MSVOA_Y
ClientSampleId :

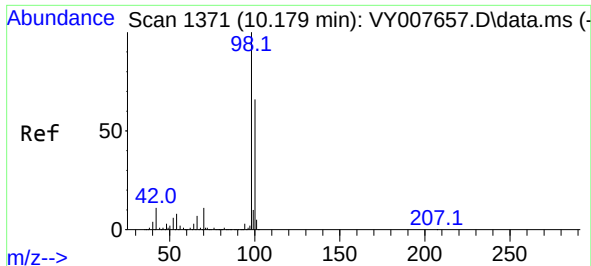
Tgt Ion: 75 Resp: 14316
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.520 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

Tgt Ion: 117 Resp: 17937
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

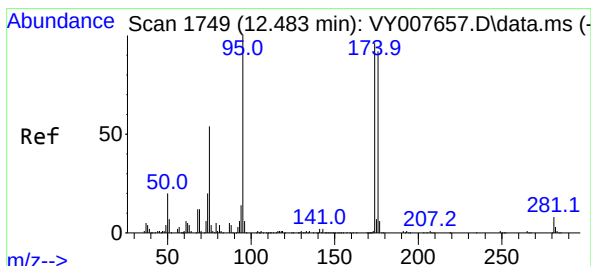
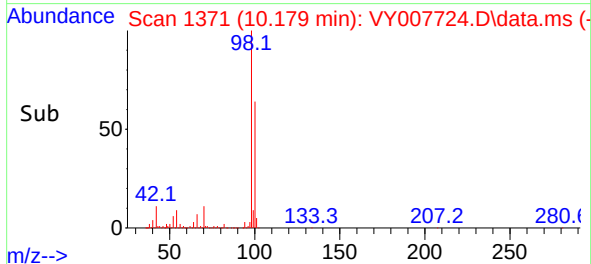
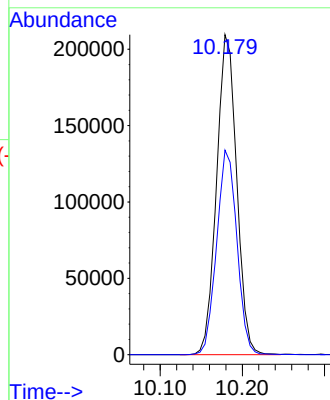
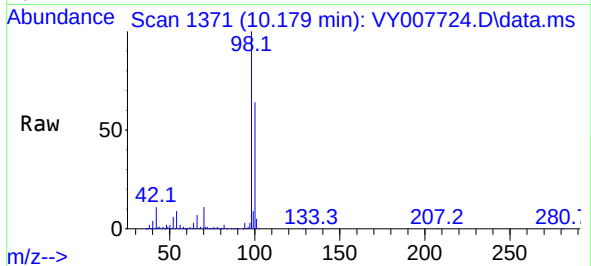




#50
Toluene-d8
Concen: 49.976 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

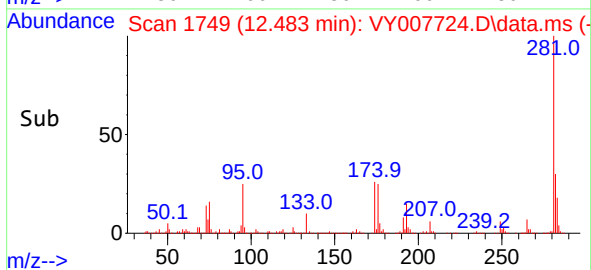
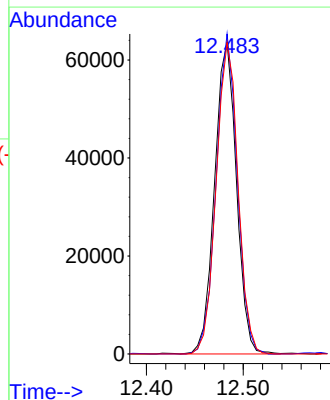
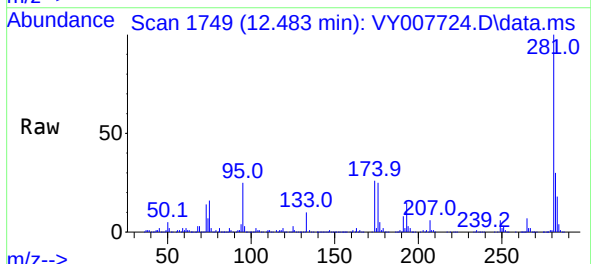
Instrument :
MSVOA_Y
ClientSampleId :

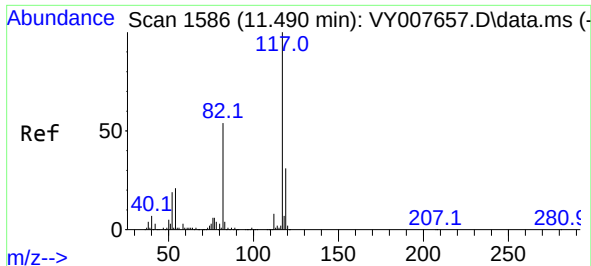
Tgt Ion: 98 Resp: 356247
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.420 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

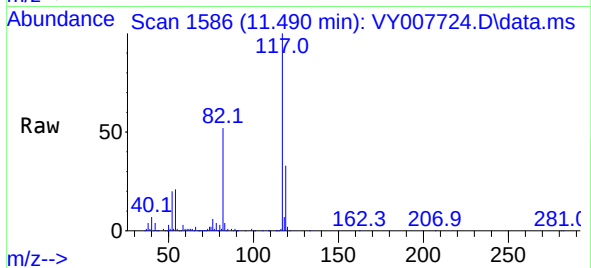
Tgt Ion: 95 Resp: 99770
Ion Ratio Lower Upper
95 100
174 99.4 0.0 177.0
176 99.6 0.0 175.8



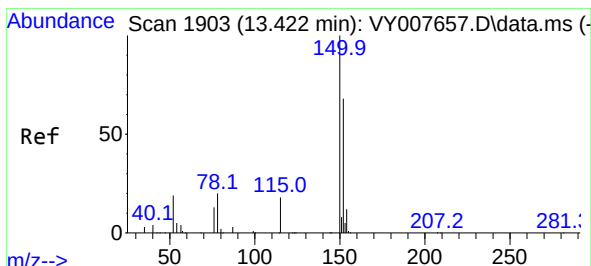
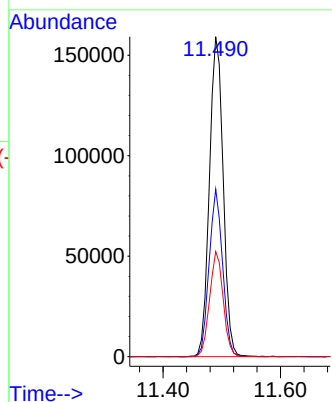
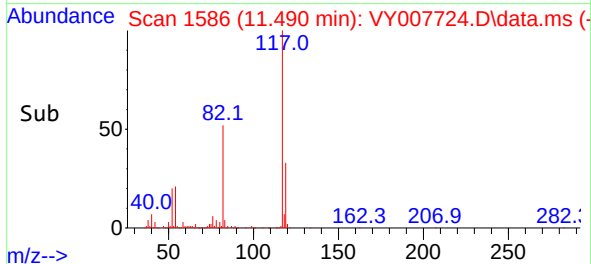


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

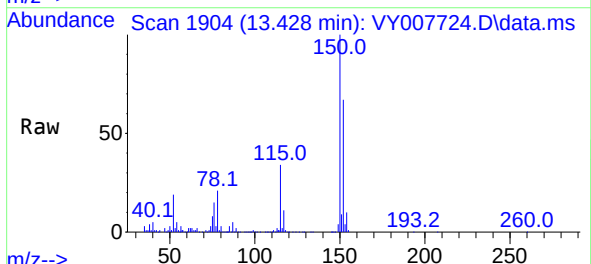
Instrument :
MSVOA_Y
ClientSampleId :



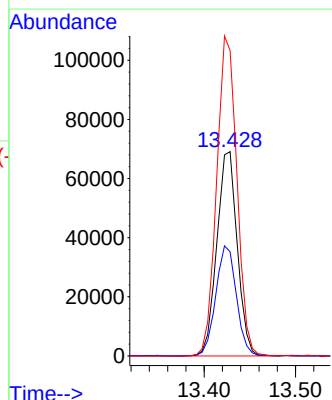
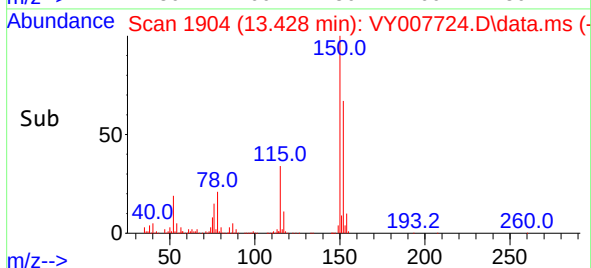
Tgt Ion:117 Resp: 259005
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.8 25.4 38.0

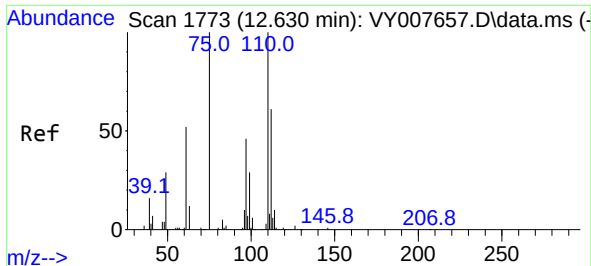


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10



Tgt Ion:152 Resp: 107370
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 155.2 0.0 347.6

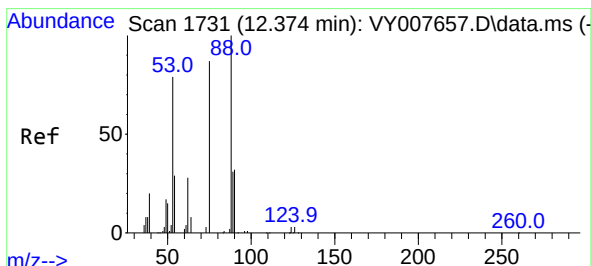
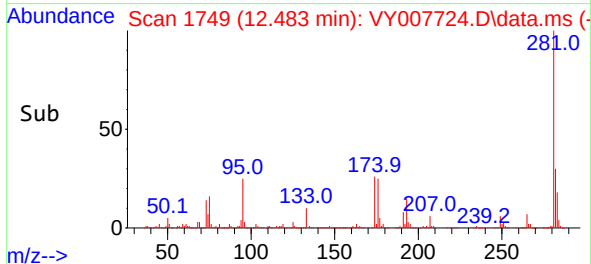
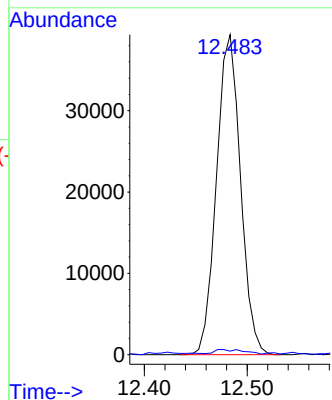
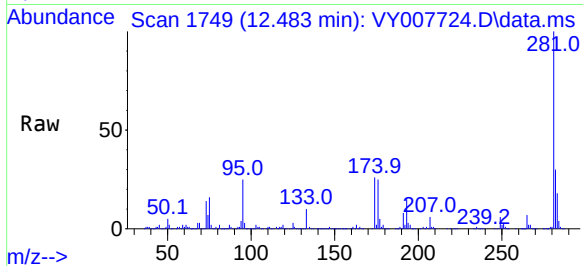




#76
1,2,3-Trichloropropane
Concen: 53.110 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

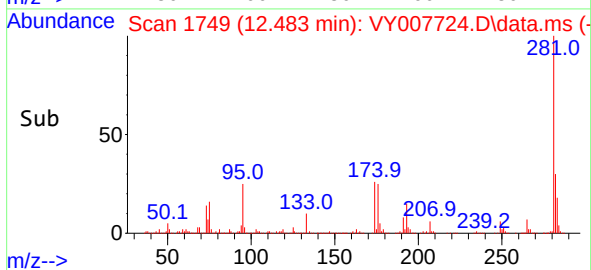
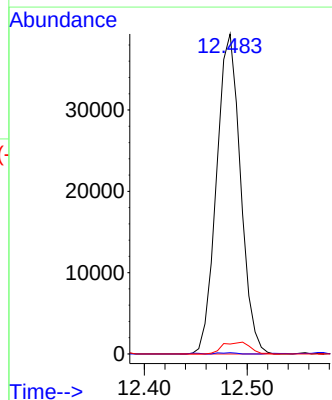
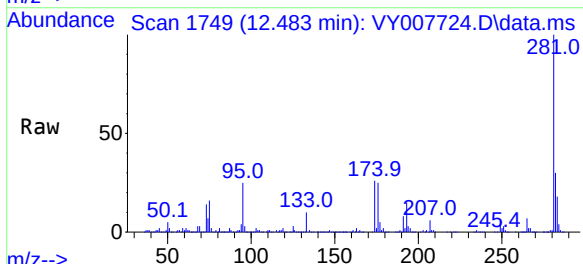
Instrument :
MSVOA_Y
ClientSampleId :

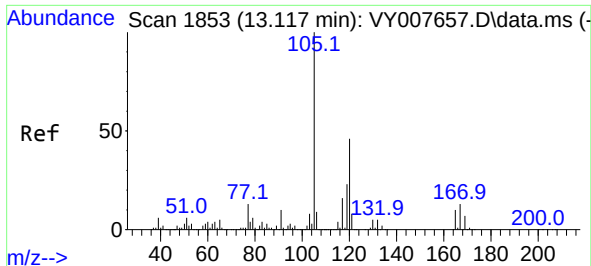
Tgt Ion: 75 Resp: 63682
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.576 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

Tgt Ion: 75 Resp: 63682
Ion Ratio Lower Upper
75 100
53 0.3 85.3 127.9#
89 4.2 37.0 55.4#

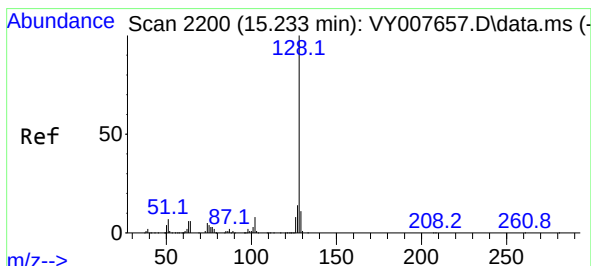
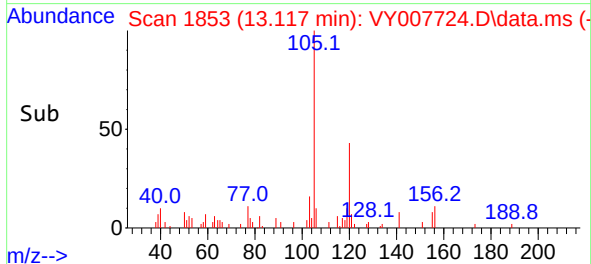
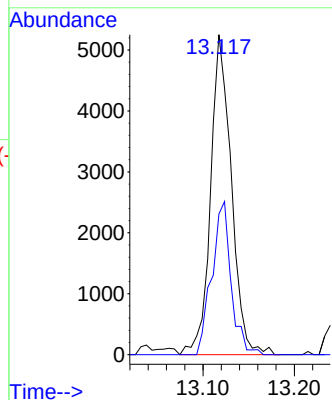
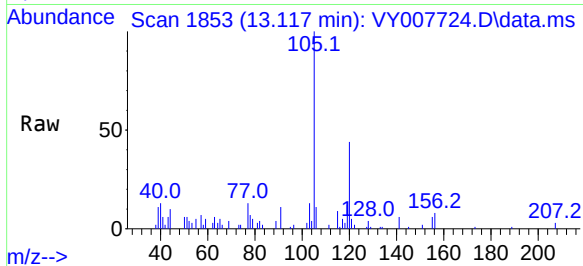




#84
1,2,4-Trimethylbenzene
Concen: 1.255 ug/l
RT: 13.117 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:105 Resp: 8265
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.9



#95
Naphthalene
Concen: 1.858 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY007724.D
Acq: 04 Mar 2022 00:10

Tgt Ion:128 Resp: 8148
Ion Ratio Lower Upper
128 100
127 15.5 11.0 16.4
129 12.5 8.4 12.6

