

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004984.D
 Acq On : 07 Jun 2021 11:41
 Operator : SY/MD
 Sample : VY0607SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:07:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	198093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	368543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	355783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127424	60.846	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.700%
35) Dibromofluoromethane	7.722	113	115902	58.454	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.900%
50) Toluene-d8	10.179	98	460456	55.915	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.840%
62) 4-Bromofluorobenzene	12.483	95	155576	54.933	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.860%

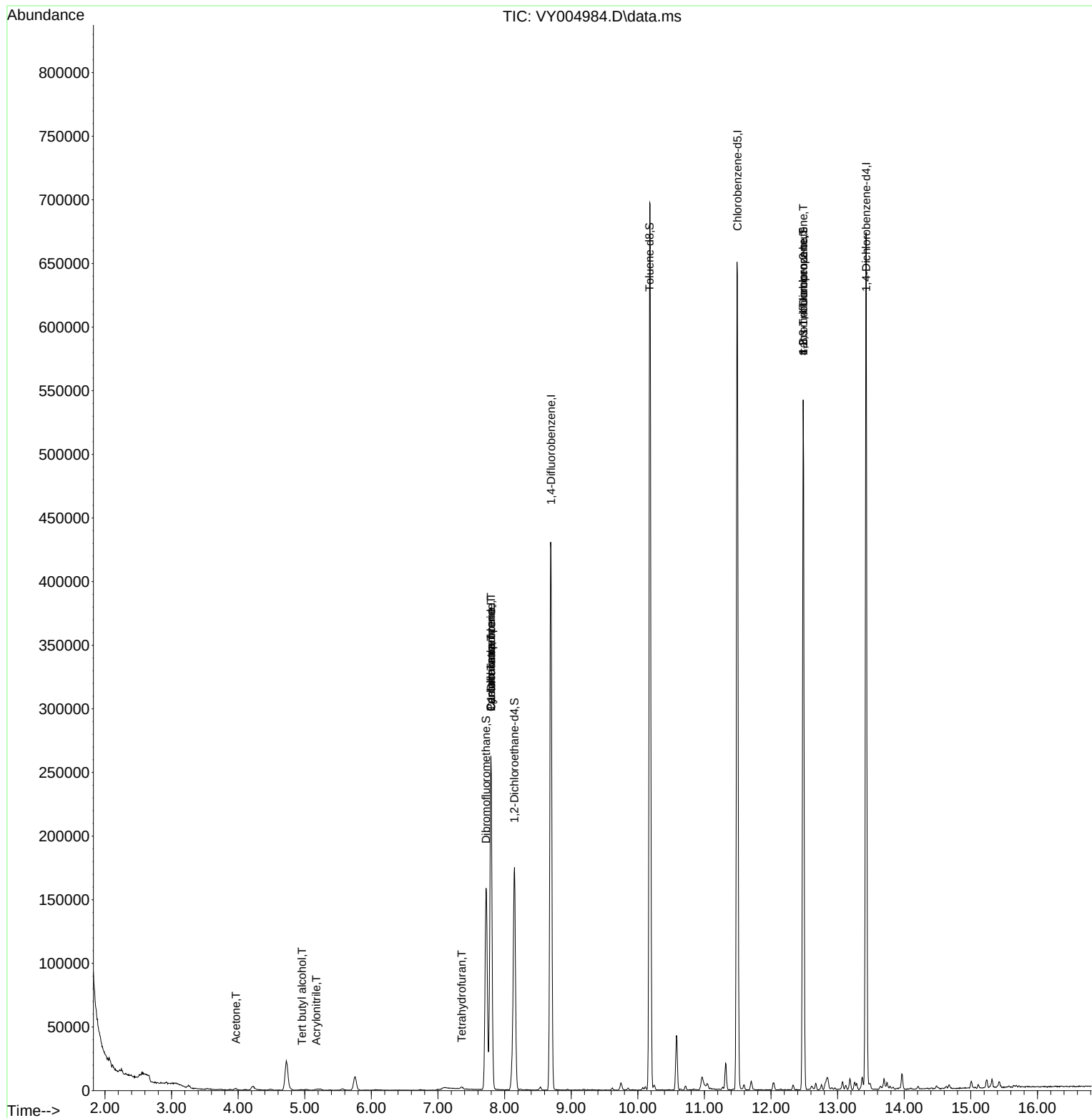
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.960	59	733	3.044	ug/l #	74
13) Acrolein	3.729	56	347	Below Cal	#	80
15) Acrylonitrile	5.173	53	914	1.498	ug/l #	59
16) Acetone	3.966	43	1812	3.594	ug/l	92
29) Tetrahydrofuran	7.356	42	796	1.476	ug/l #	85
31) Cyclohexane	7.795	56	4653	1.262	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	16217	4.496	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19645	6.258	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	82045	47.776	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82045	87.802	ug/l #	15

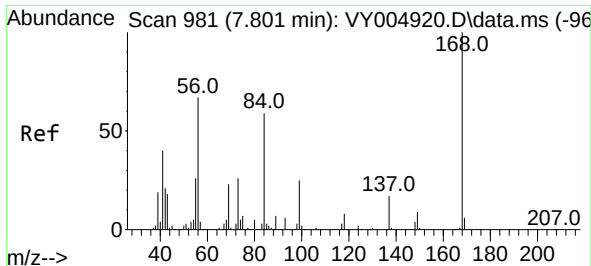
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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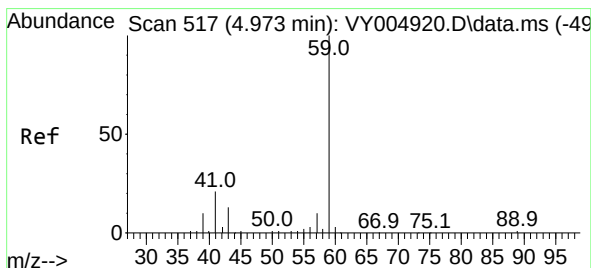
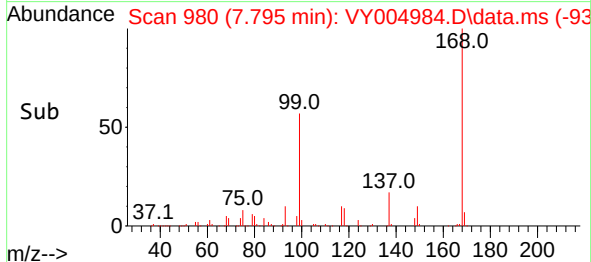
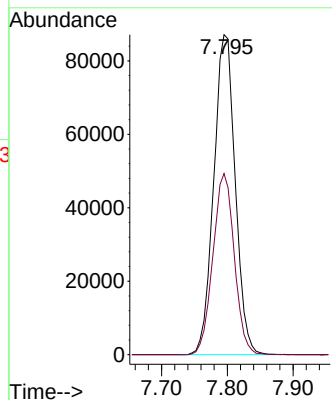
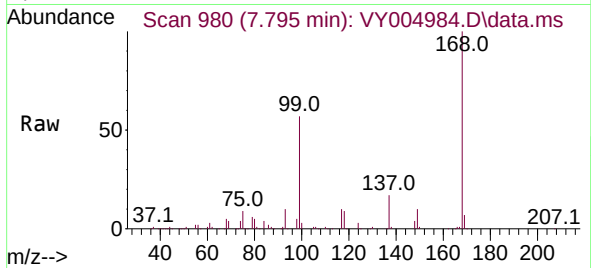




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

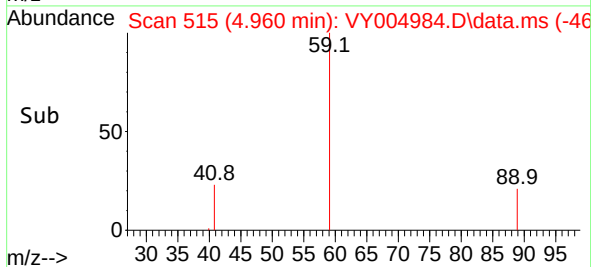
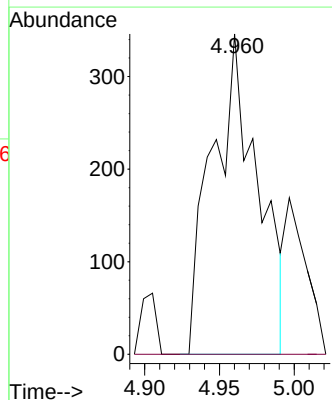
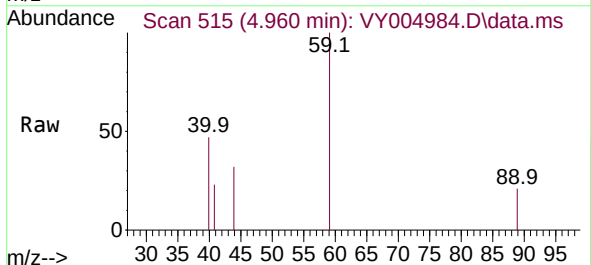
Instrument :
MSVOA_Y
ClientSampleId :

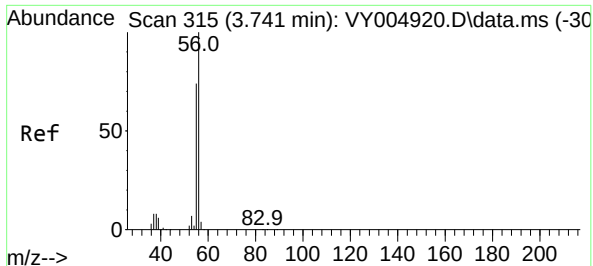
Tgt Ion:168 Resp: 198093
Ion Ratio Lower Upper
168 100
99 56.6 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.044 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

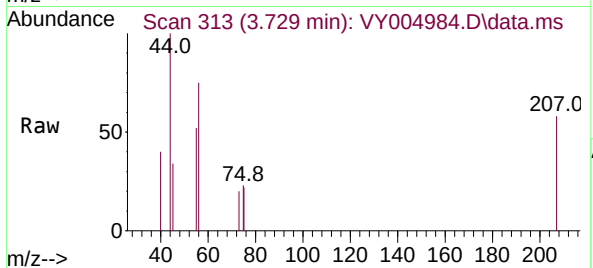
Tgt Ion: 59 Resp: 733
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



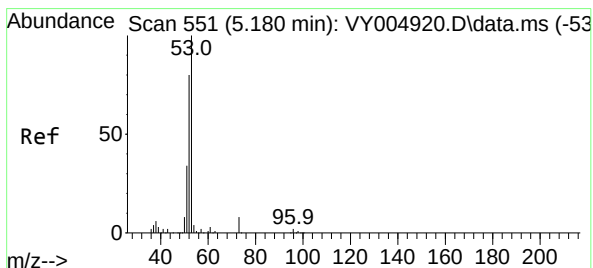
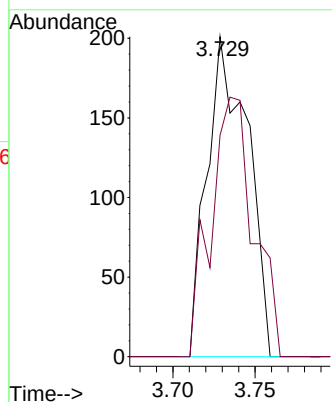
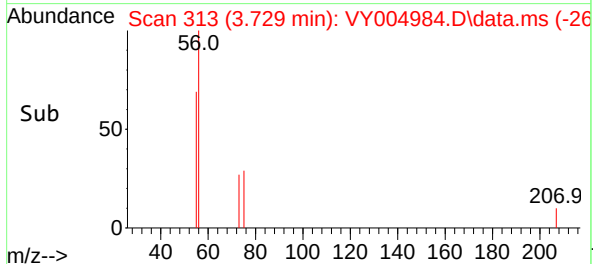


#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.012 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

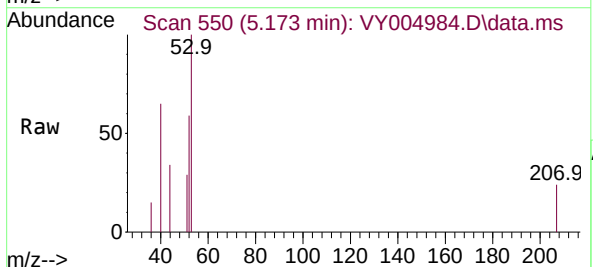
Instrument :
MSVOA_Y
ClientSampled :



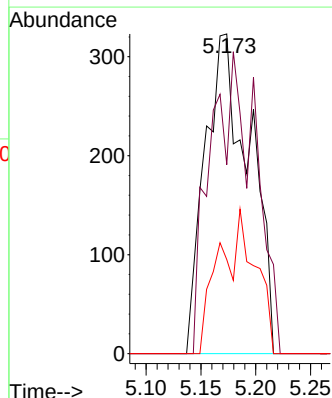
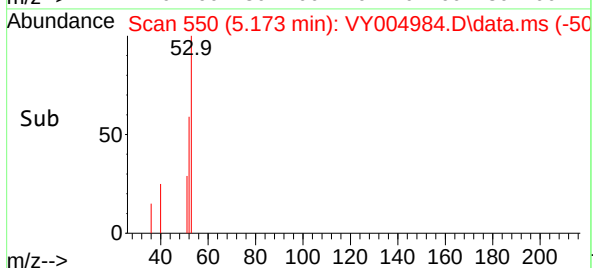
Tgt Ion: 56 Resp: 347
Ion Ratio Lower Upper
56 100
55 85.3 55.4 83.2#

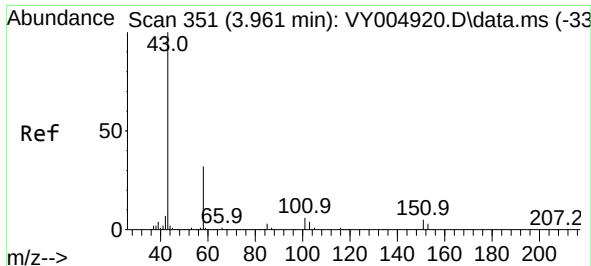


#15
Acrylonitrile
Concen: 1.498 ug/l
RT: 5.173 min Scan# 550
Delta R.T. -0.006 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41



Tgt Ion: 53 Resp: 914
Ion Ratio Lower Upper
53 100
52 41.0 64.5 96.7#
51 17.2 28.6 42.8#

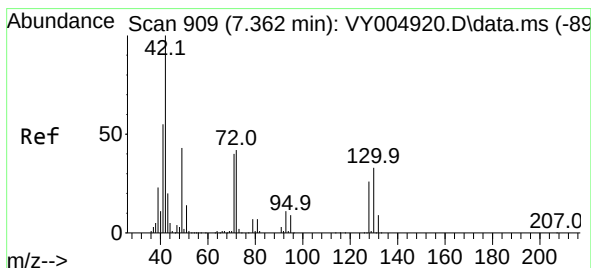
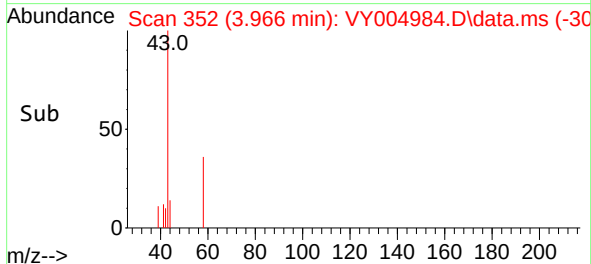
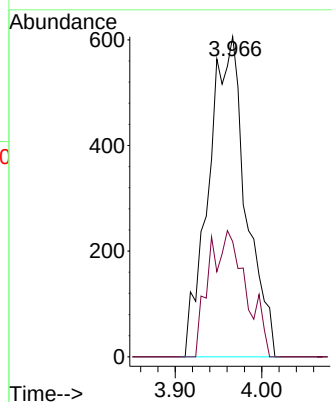
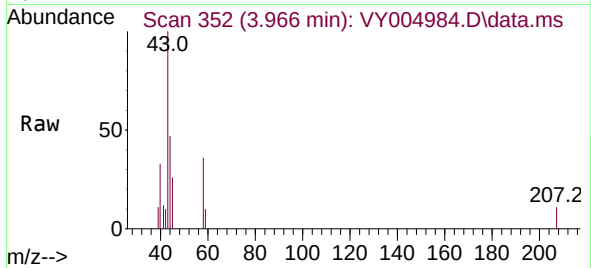




#16
Acetone
Concen: 3.594 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

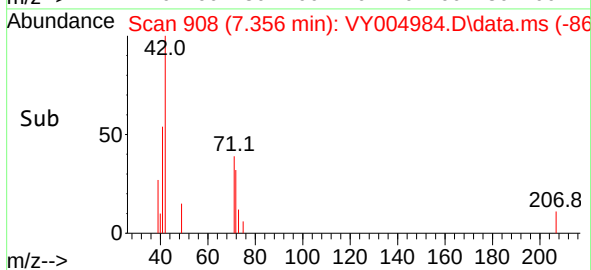
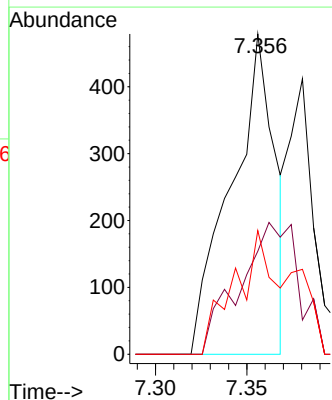
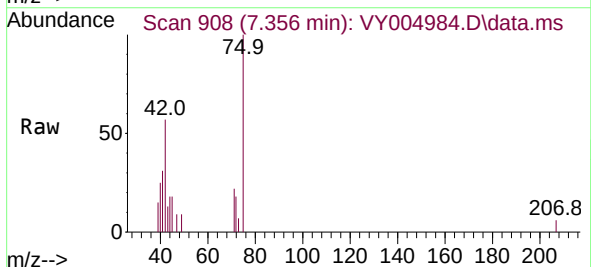
Instrument :
MSVOA_Y
ClientSampled :

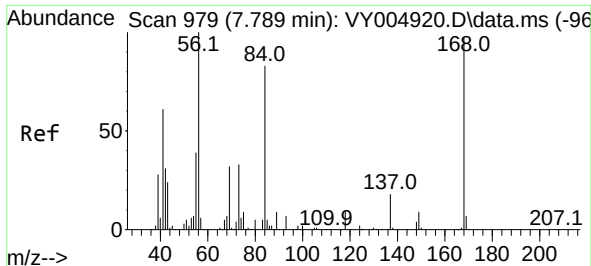
Tgt Ion: 43 Resp: 1812
Ion Ratio Lower Upper
43 100
58 36.0 25.3 37.9



#29
Tetrahydrofuran
Concen: 1.476 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.006 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

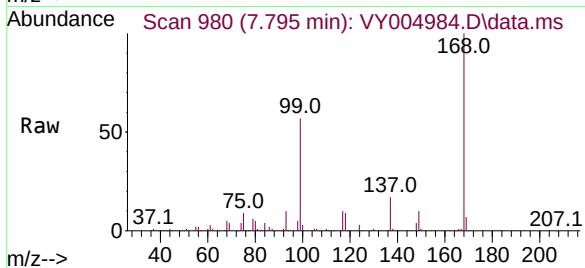
Tgt Ion: 42 Resp: 796
Ion Ratio Lower Upper
42 100
72 55.7 32.6 49.0#
71 34.8 30.9 46.3



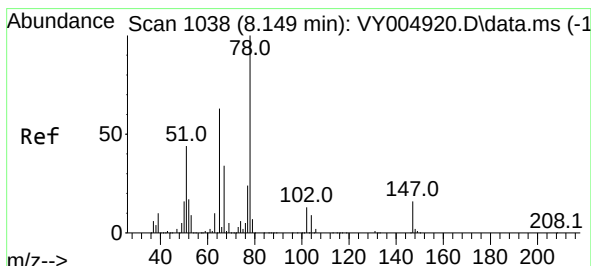
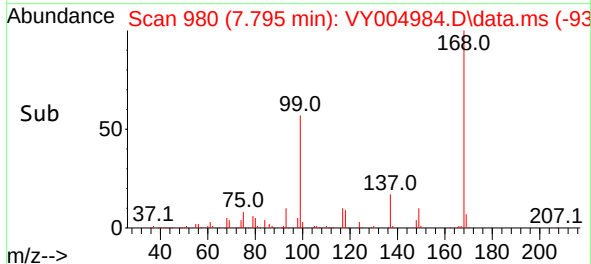
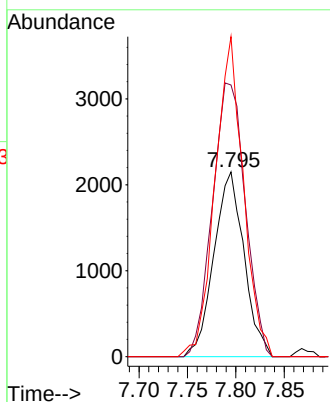


#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

Instrument :
MSVOA_Y
ClientSampled :

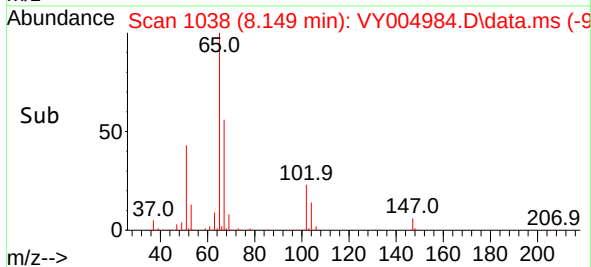
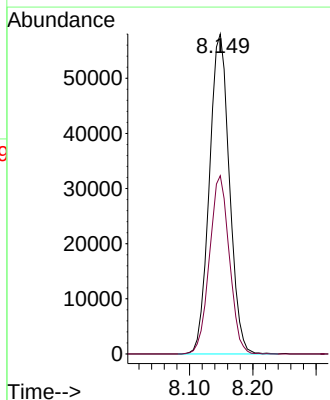
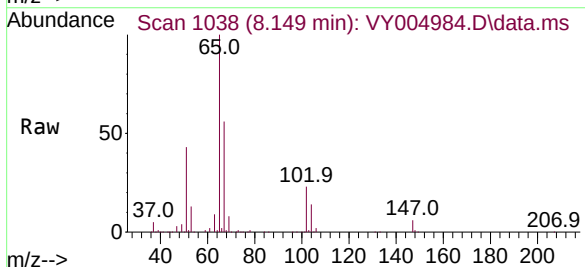


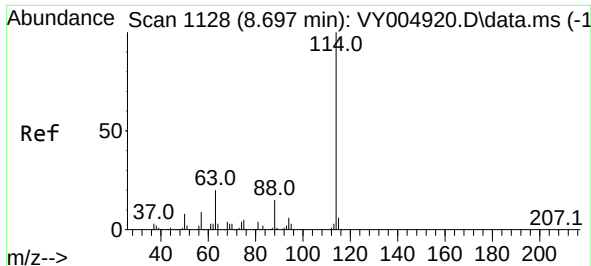
Tgt Ion: 56 Resp: 4653
Ion Ratio Lower Upper
56 100
69 147.1 25.3 37.9#
84 173.2 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 60.846 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

Tgt Ion: 65 Resp: 127424
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004984.D

Acq: 07 Jun 2021 11:41

Tgt Ion:114 Resp: 368543

Ion Ratio Lower Upper

114 100

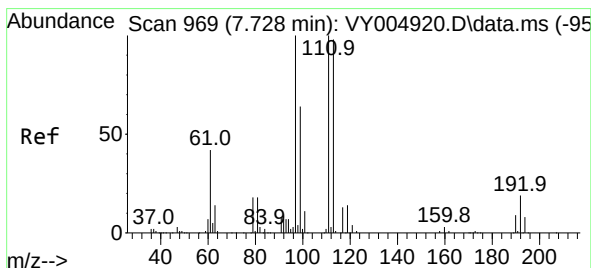
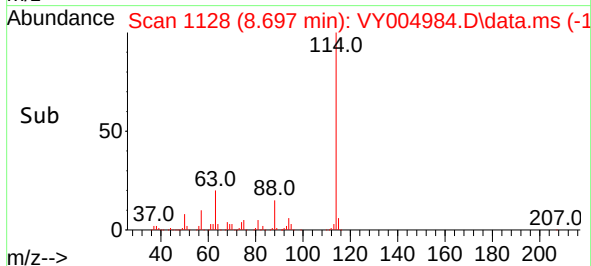
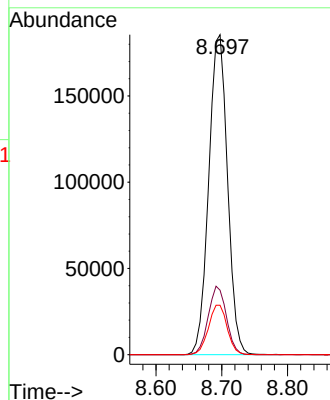
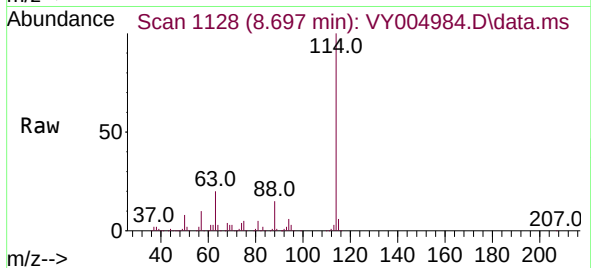
63 20.1 0.0 41.0

88 15.5 0.0 30.6

Instrument :

MSVOA_Y

ClientSampleId :



#35

Dibromofluoromethane

Concen: 58.454 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY004984.D

Acq: 07 Jun 2021 11:41

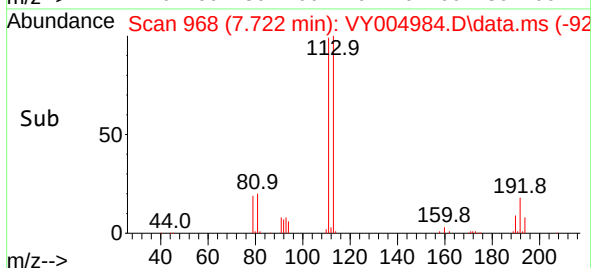
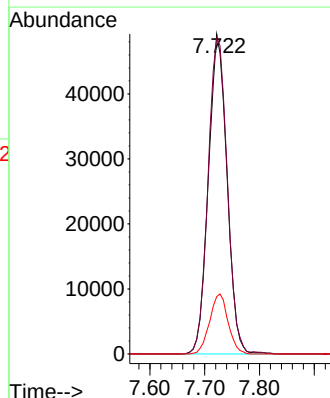
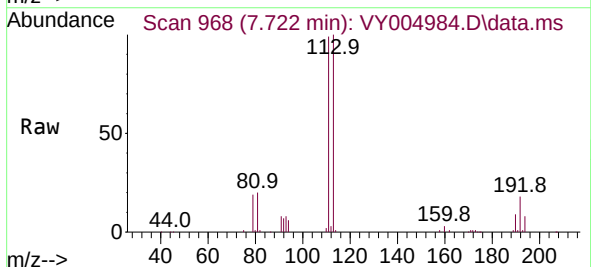
Tgt Ion:113 Resp: 115902

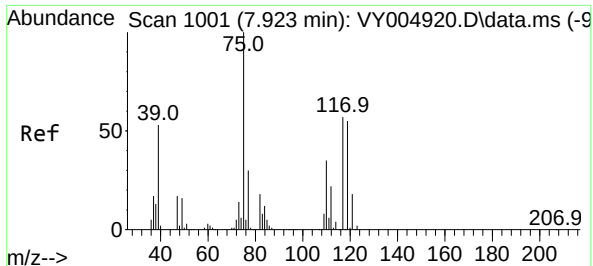
Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

192 18.6 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.496 ug/l

RT: 7.795 min Scan# 980

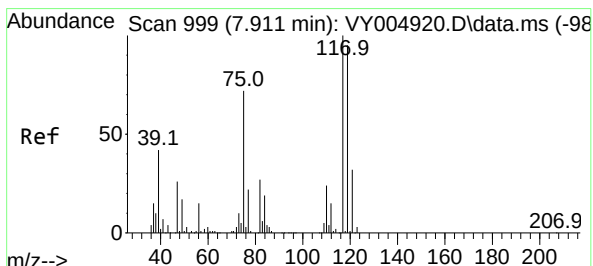
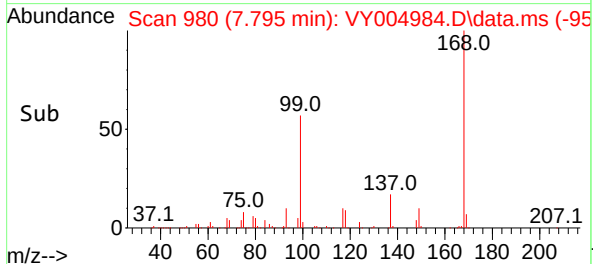
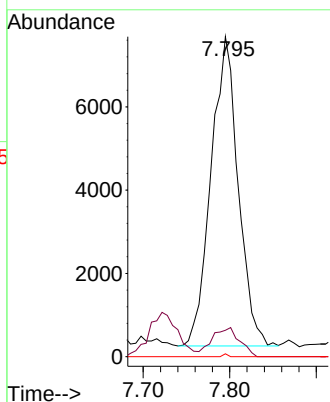
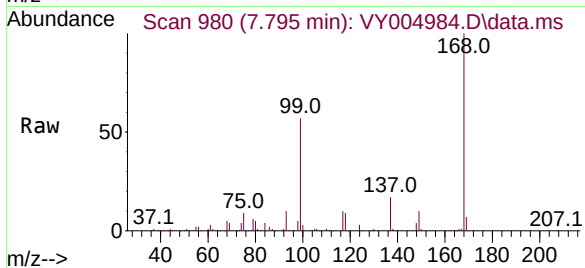
Delta R.T. -0.128 min

Lab File: VY004984.D

Acq: 07 Jun 2021 11:41

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 16217
Ion Ratio	Lower Upper
75 100	
110 9.4	17.5 52.5#
77 0.2	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.258 ug/l

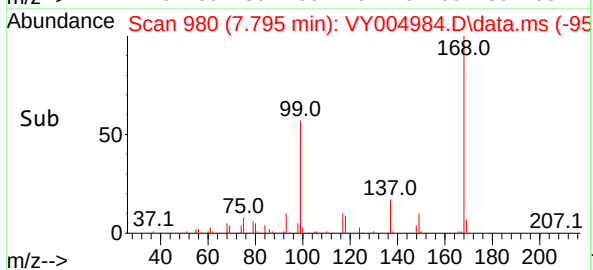
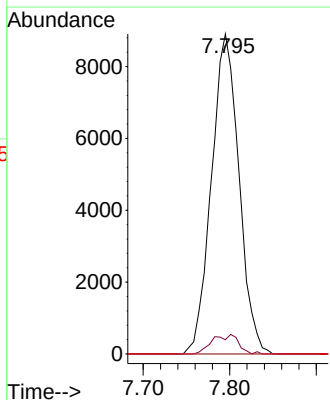
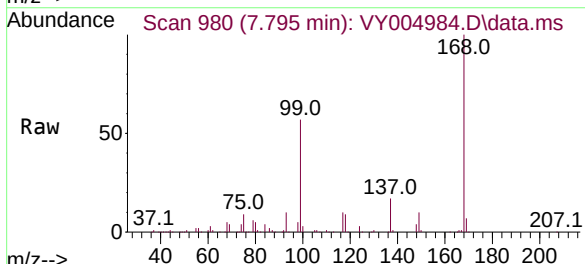
RT: 7.795 min Scan# 980

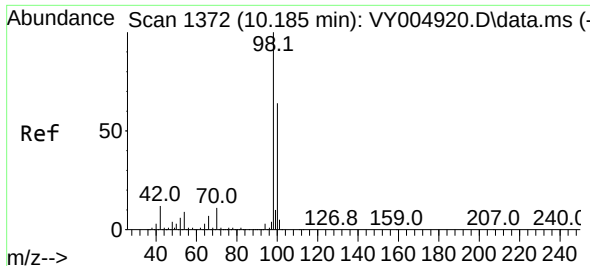
Delta R.T. -0.116 min

Lab File: VY004984.D

Acq: 07 Jun 2021 11:41

Tgt Ion: 117	Resp: 19645
Ion Ratio	Lower Upper
117 100	
119 4.4	76.1 114.1#
121 0.0	25.5 38.3#

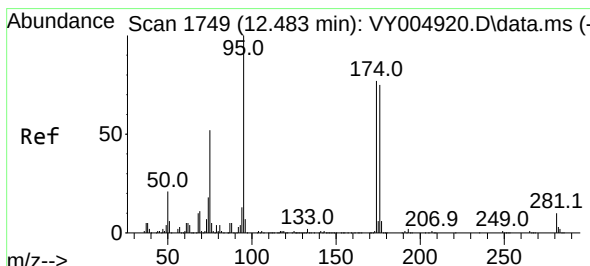
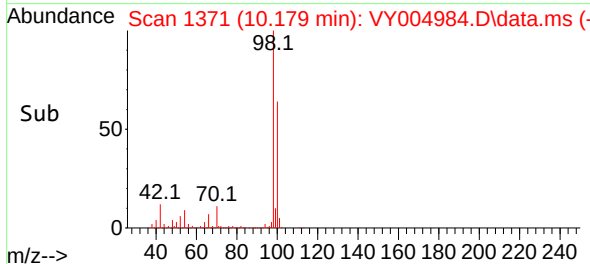
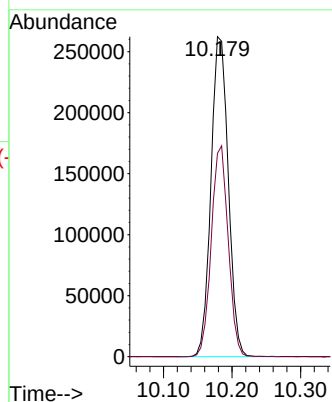
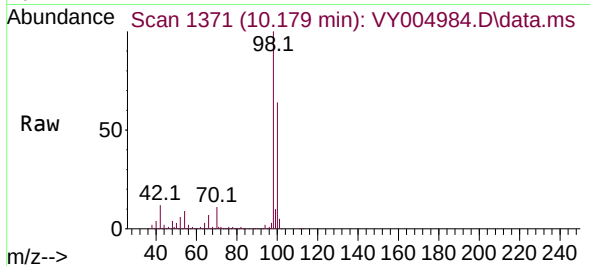




#50
Toluene-d8
Concen: 55.915 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

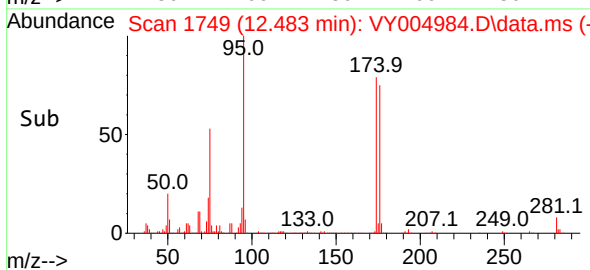
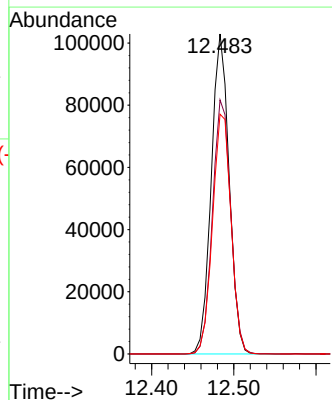
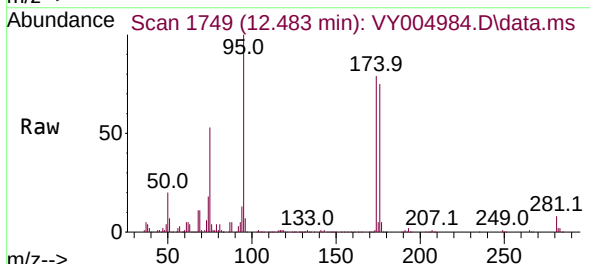
Instrument :
MSVOA_Y
ClientSampled :

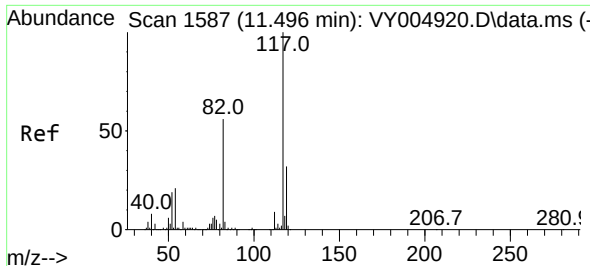
Tgt Ion: 98 Resp: 460456
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.933 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

Tgt Ion: 95 Resp: 155576
Ion Ratio Lower Upper
95 100
174 81.0 0.0 160.8
176 77.6 0.0 155.6

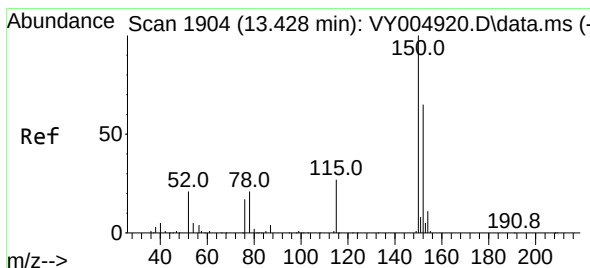
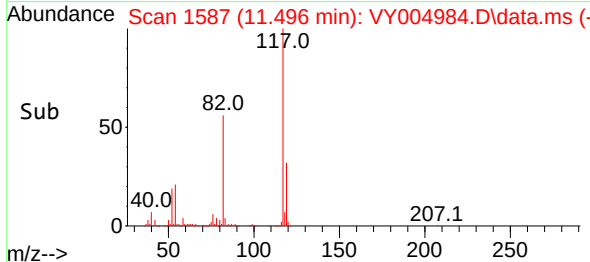
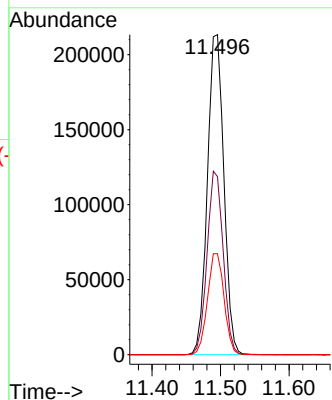
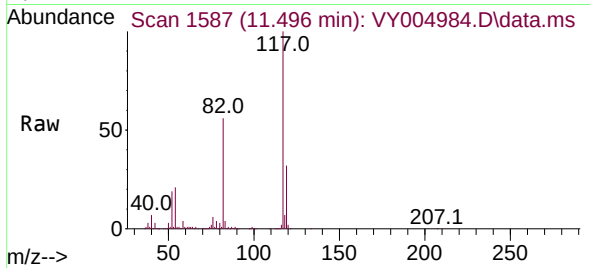




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

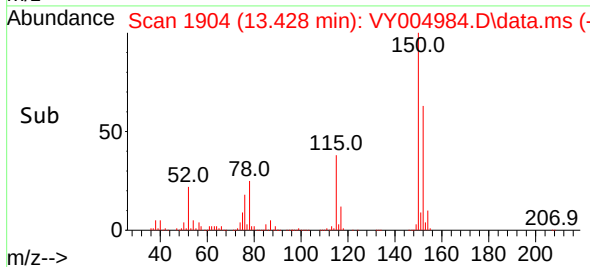
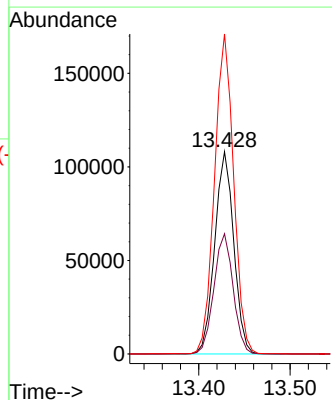
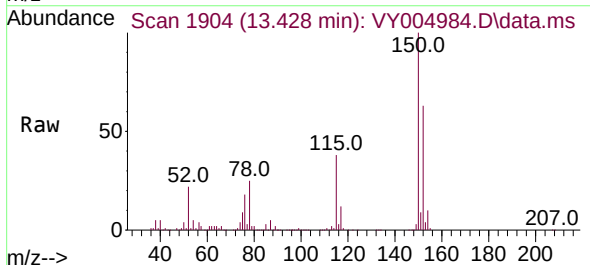
Instrument :
MSVOA_Y
ClientSampleId :

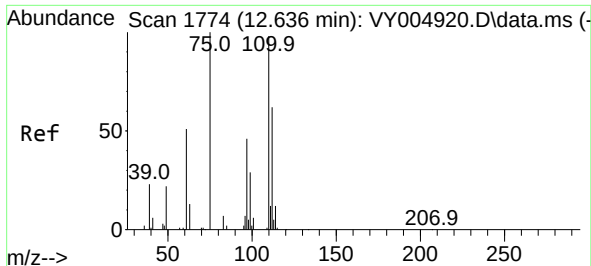
Tgt Ion:117 Resp: 355783
Ion Ratio Lower Upper
117 100
82 55.6 44.8 67.2
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

Tgt Ion:152 Resp: 156659
Ion Ratio Lower Upper
152 100
115 60.1 29.9 89.7
150 159.0 0.0 347.8

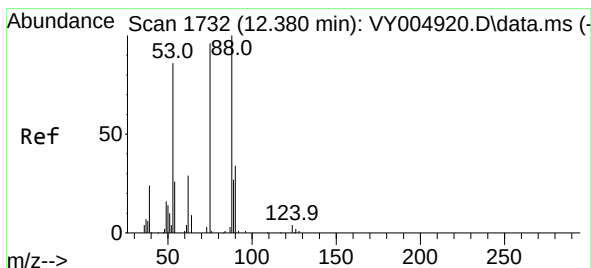
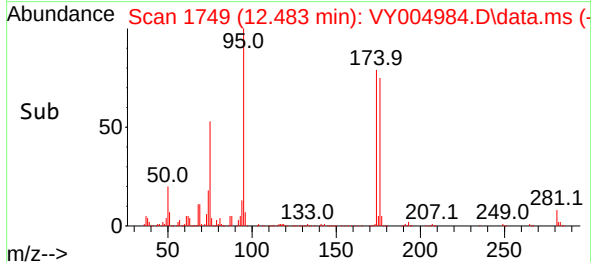
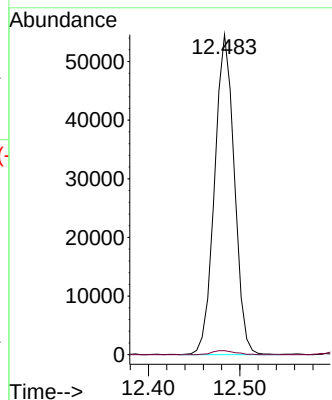
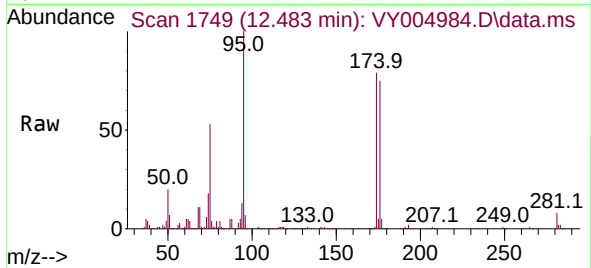




#76
1,2,3-Trichloropropane
Concen: 47.776 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 82045
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.802 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004984.D
Acq: 07 Jun 2021 11:41

Tgt Ion: 75 Resp: 82045
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 0.1 35.0 52.6#

