

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004611.D
 Acq On : 23 Apr 2021 17:31
 Operator : SY/MD
 Sample : M2149-09
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 10:20:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

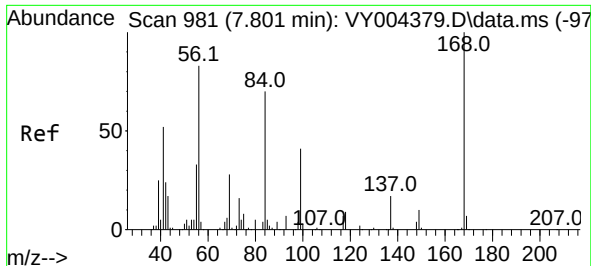
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	126322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	211940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93427	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	85415	60.86	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.72%			
35) Dibromofluoromethane	7.728	113	70033	56.65	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.30%			
50) Toluene-d8	10.185	98	275122	52.32	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.64%			
62) 4-Bromofluorobenzene	12.483	95	92373	51.77	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.54%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.991	59	664	4.80	ug/l #	73
16) Acetone	3.973	43	4095	Below Cal	#	78
20) Methylene Chloride	4.735	84	3411	2.52	ug/l	92
31) Cyclohexane	7.801	56	3105	1.21	ug/l #	8
36) 1,1-Dichloropropene	7.801	75	10188	4.60	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13377	6.99	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51981	51.84	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51981	92.74	ug/l #	12

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

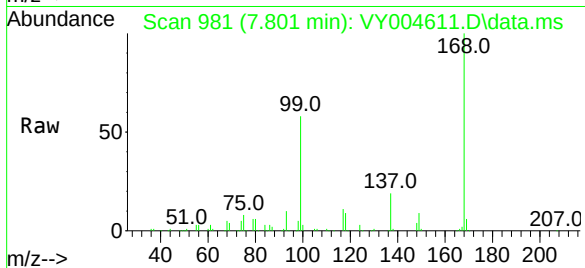
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



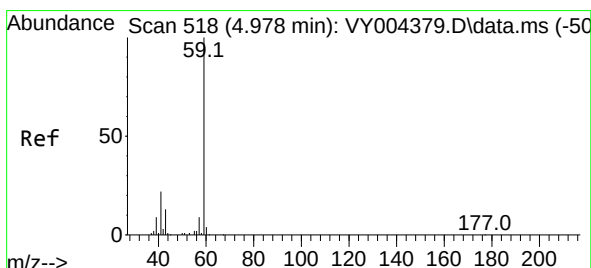
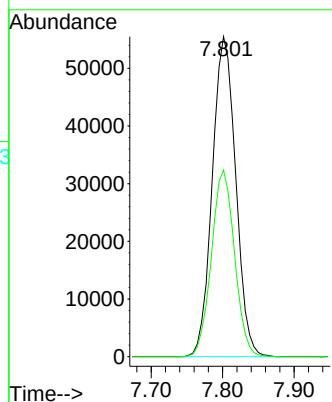
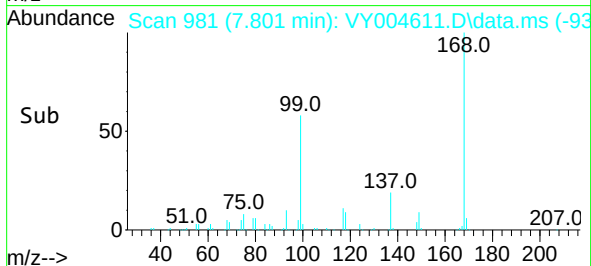


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

Instrument :
MSVOA_Y
ClientSampled :

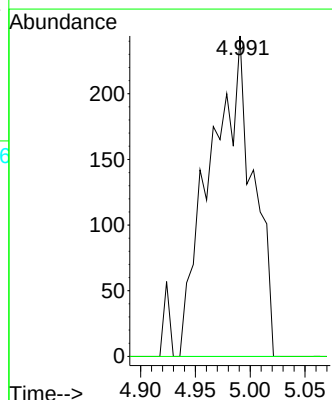
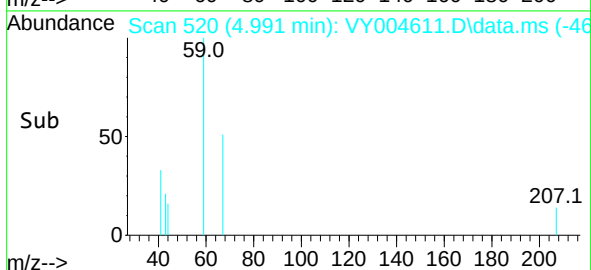
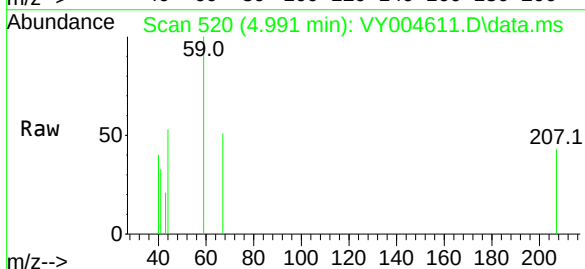


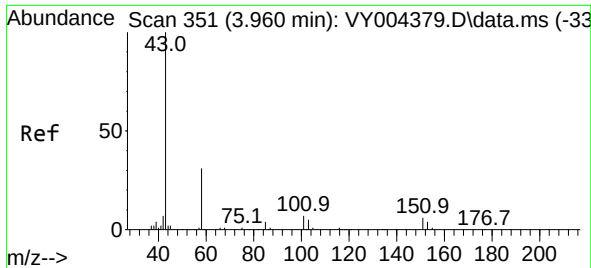
Tgt Ion:168 Resp: 126322
Ion Ratio Lower Upper
168 100
99 58.4 45.5 68.3



#11
Tert butyl alcohol
Concen: 4.80 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.012 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

Tgt Ion: 59 Resp: 664
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

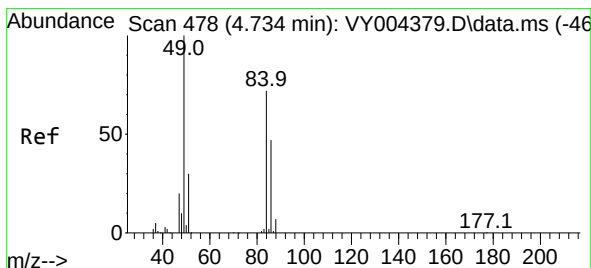
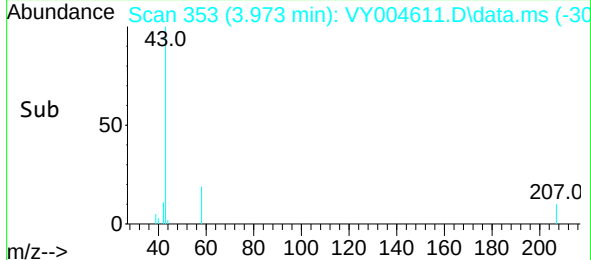
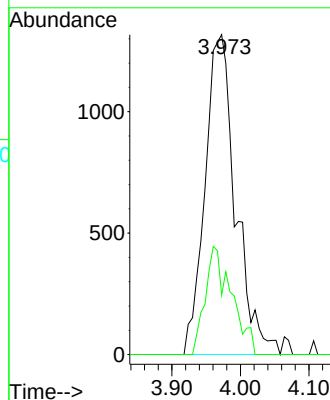
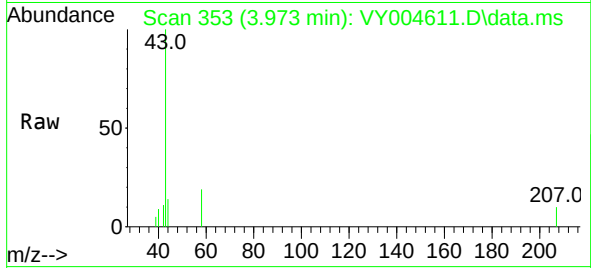




#16
Acetone
Concen: Below Cal
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

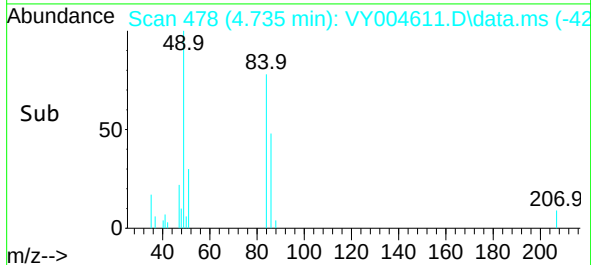
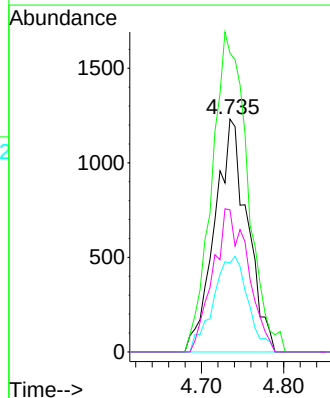
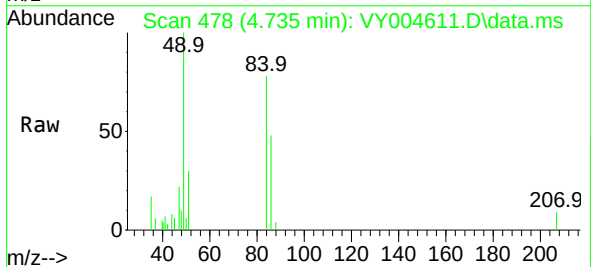
Instrument :
MSVOA_Y
ClientSampleId :

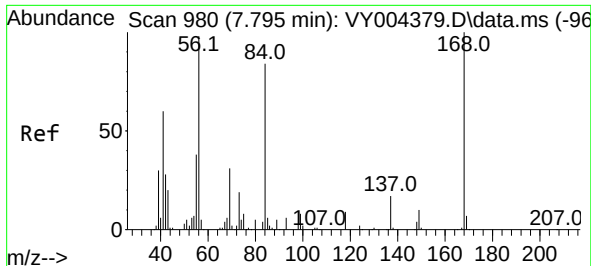
Tgt Ion: 43 Resp: 4095
Ion Ratio Lower Upper
43 100
58 18.6 24.6 37.0#



#20
Methylene Chloride
Concen: 2.52 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

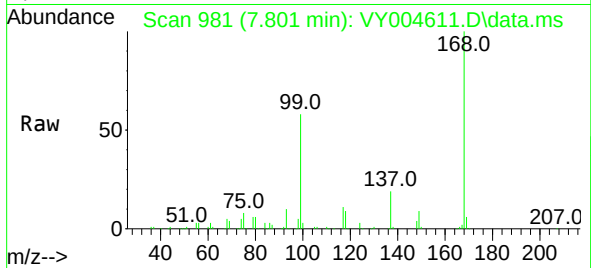
Tgt Ion: 84 Resp: 3411
Ion Ratio Lower Upper
84 100
49 128.4 111.2 166.8
51 38.2 33.4 50.2
86 61.0 52.7 79.1



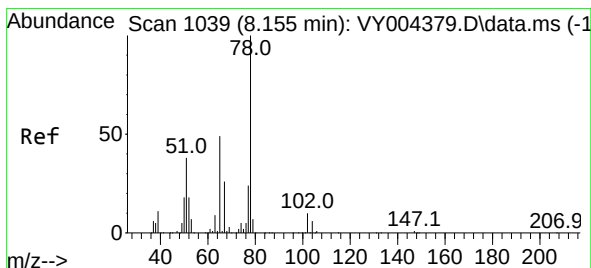
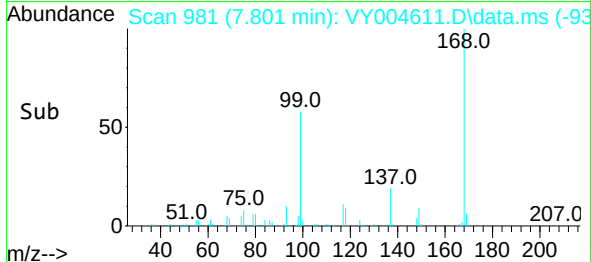
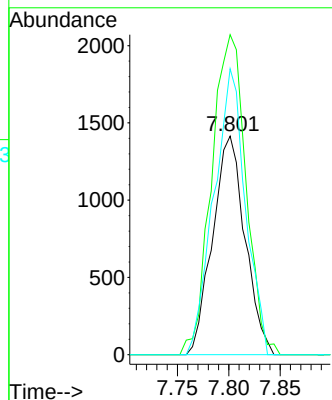


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

Instrument :
MSVOA_Y
ClientSampled :

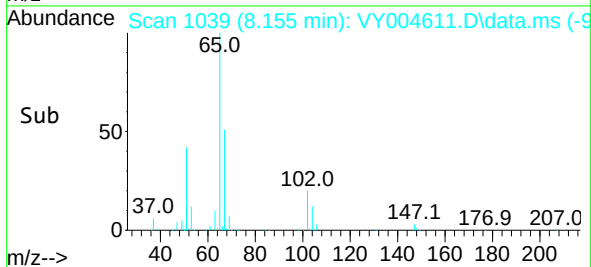
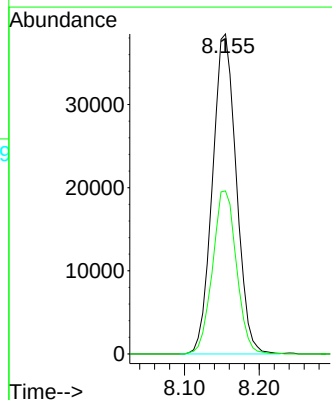
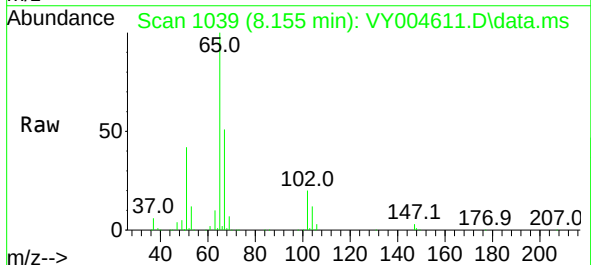


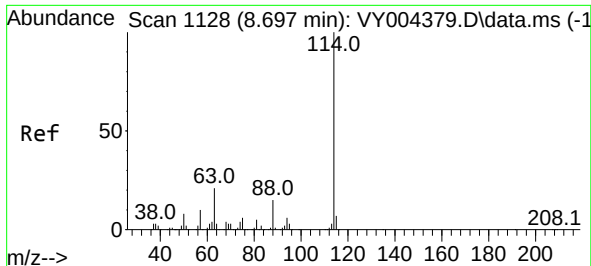
Tgt Ion: 56 Resp: 3105
Ion Ratio Lower Upper
56 100
69 146.4 25.8 38.6#
84 130.7 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 60.86 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

Tgt Ion: 65 Resp: 85415
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY004611.D

Acq: 23 Apr 2021 17:31

Instrument :

MSVOA_Y

ClientSampleId :

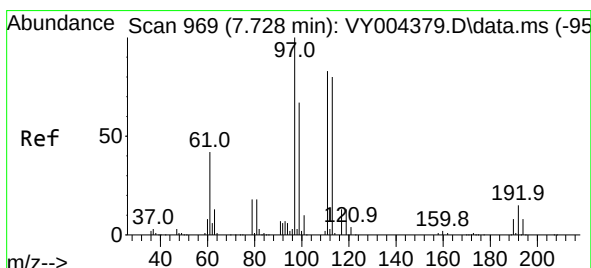
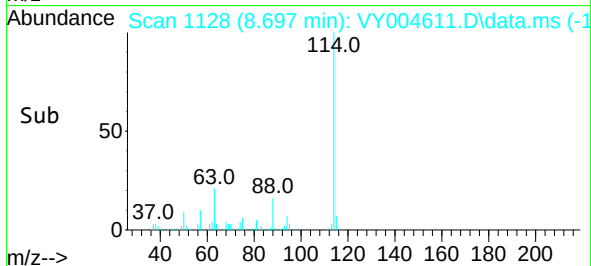
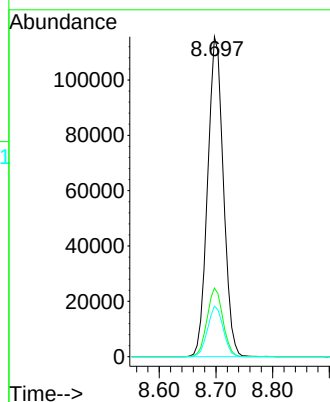
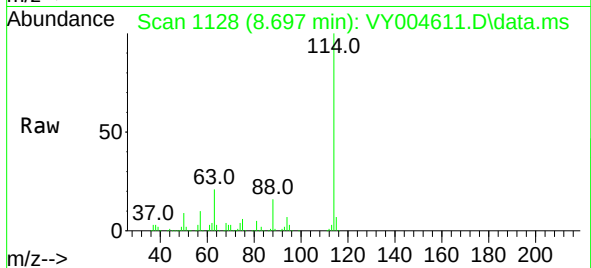
Tgt Ion:114 Resp: 222765

Ion Ratio Lower Upper

114 100

63 21.4 0.0 42.4

88 15.8 0.0 30.8



#35

Dibromofluoromethane

Concen: 56.65 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY004611.D

Acq: 23 Apr 2021 17:31

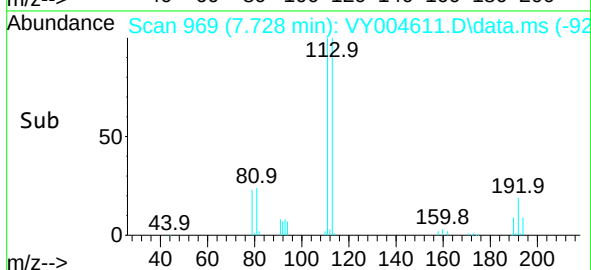
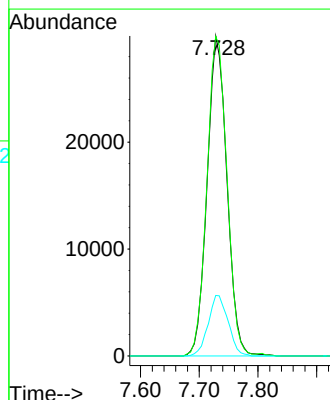
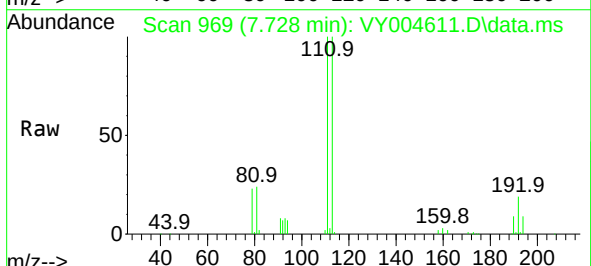
Tgt Ion:113 Resp: 70033

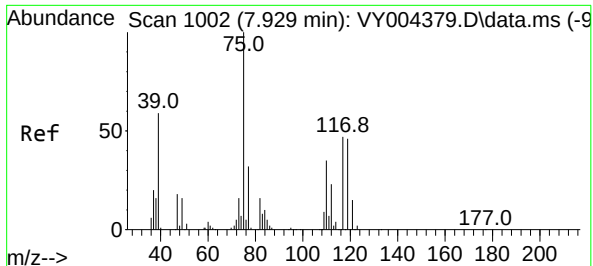
Ion Ratio Lower Upper

113 100

111 101.2 82.6 123.8

192 19.0 16.1 24.1

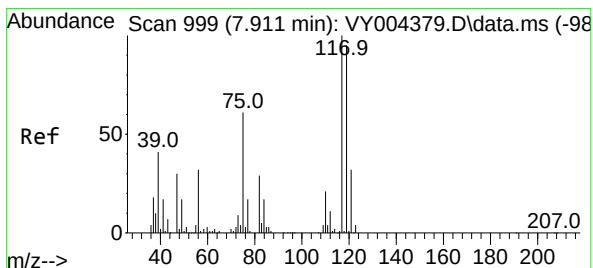
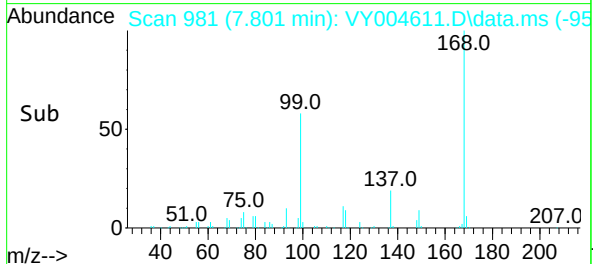
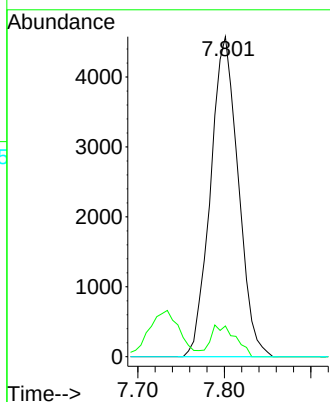
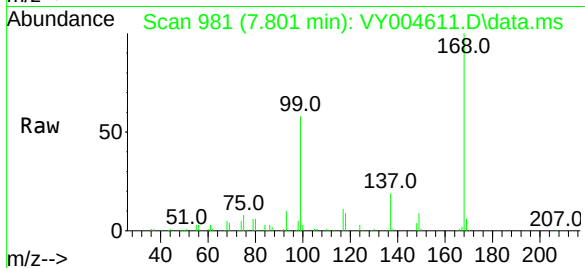




#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

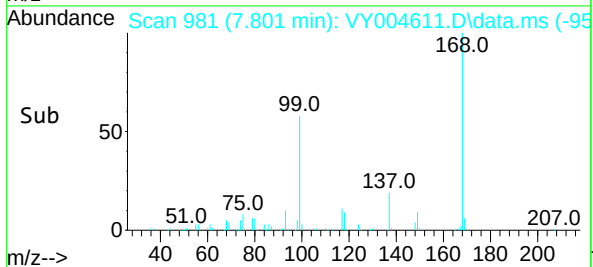
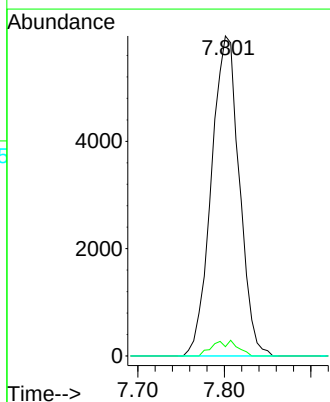
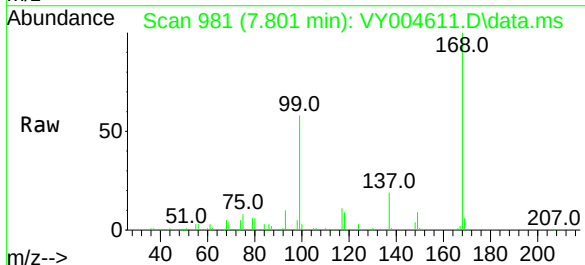
Instrument :
MSVOA_Y
ClientSampled :

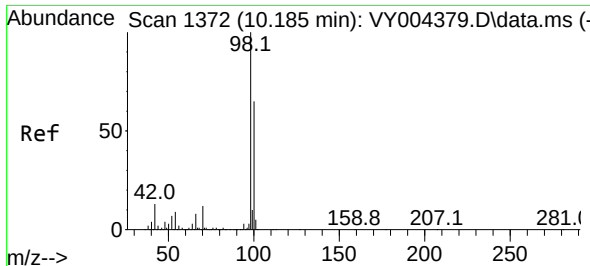
Tgt Ion: 75 Resp: 10188
Ion Ratio Lower Upper
75 100
110 8.9 17.3 51.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.99 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.109 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

Tgt Ion: 117 Resp: 13377
Ion Ratio Lower Upper
117 100
119 2.9 75.8 113.8#
121 0.0 25.3 37.9#

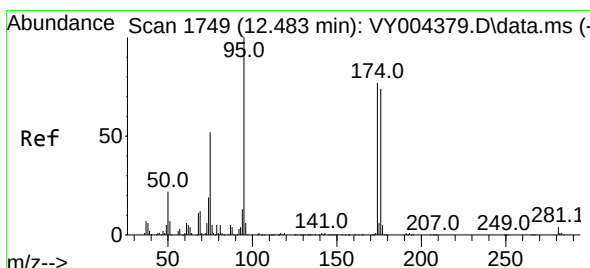
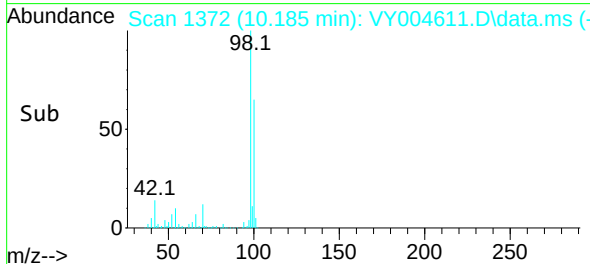
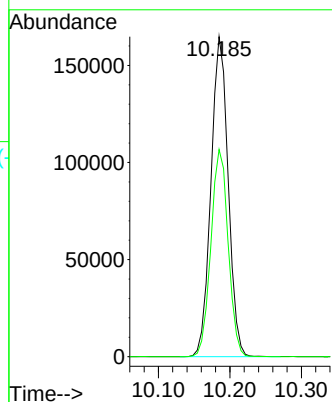
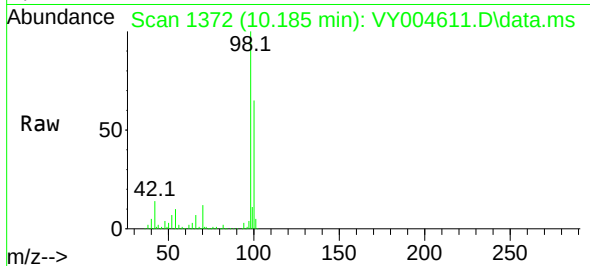




#50
Toluene-d8
Concen: 52.32 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

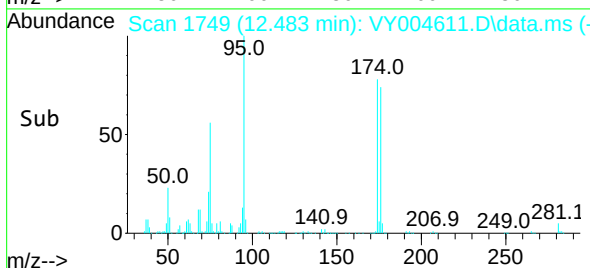
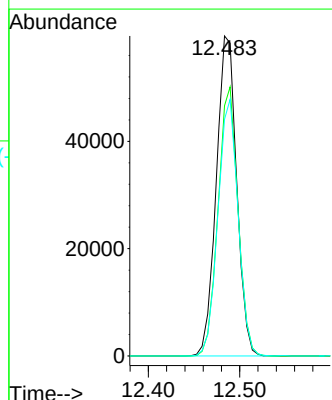
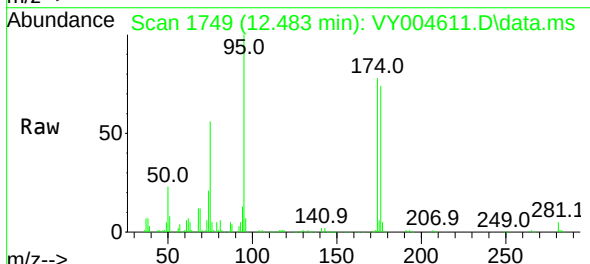
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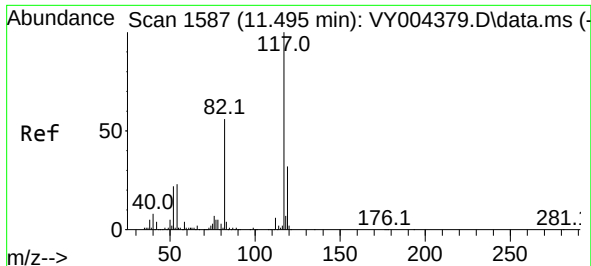
Tgt Ion: 98 Resp: 275122
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

Tgt Ion: 95 Resp: 92373
Ion Ratio Lower Upper
95 100
174 81.9 0.0 162.4
176 79.3 0.0 156.0

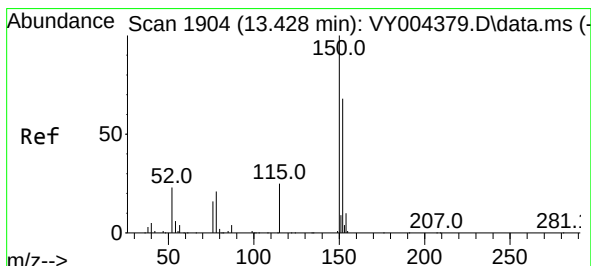
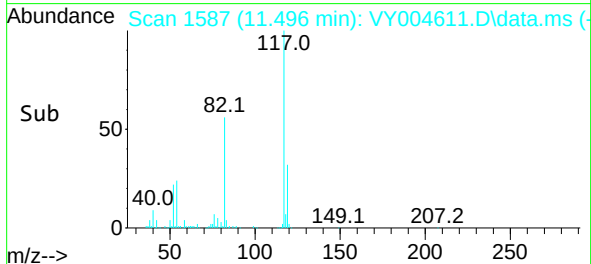
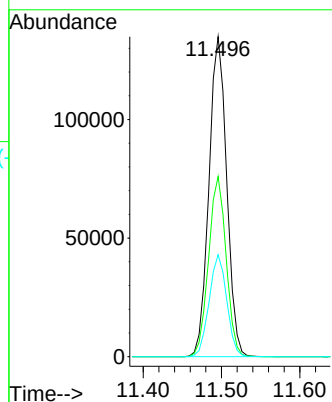
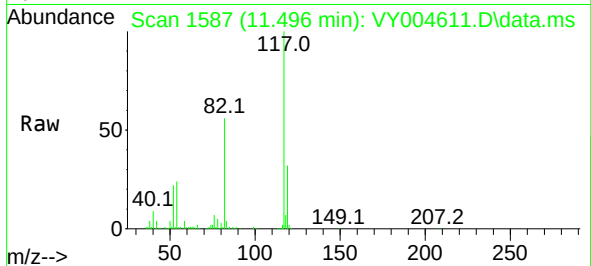




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

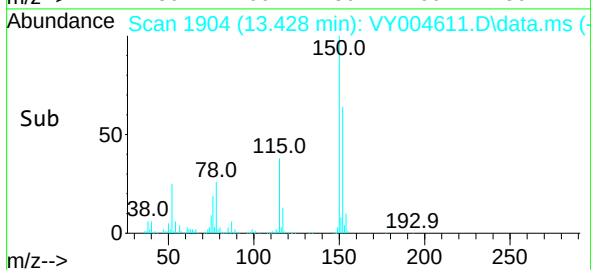
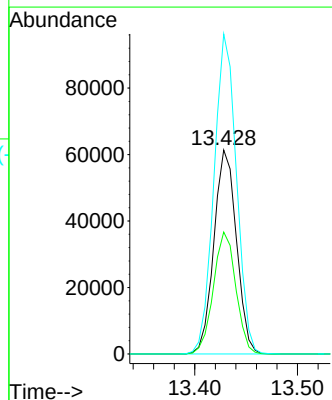
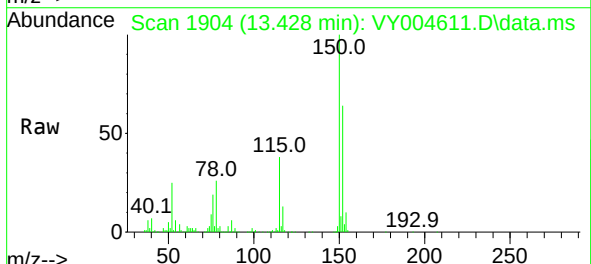
Instrument :
MSVOA_Y
ClientSampleId :

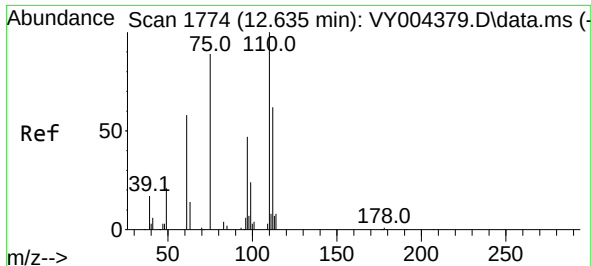
Tgt Ion:117 Resp: 211940
Ion Ratio Lower Upper
117 100
82 56.3 44.9 67.3
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

Tgt Ion:152 Resp: 93427
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.8
150 156.6 0.0 348.4

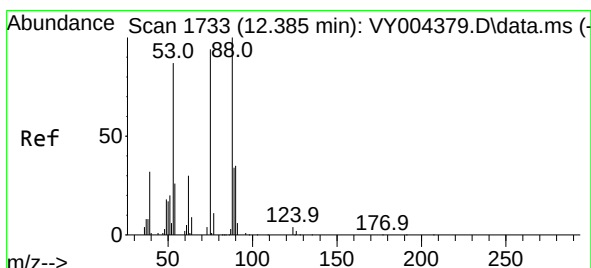
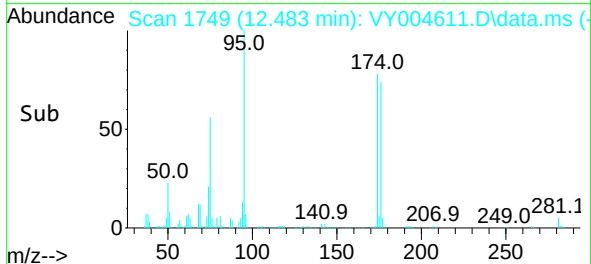
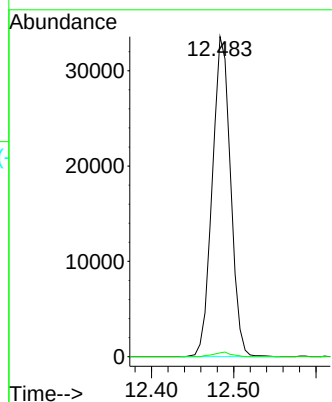
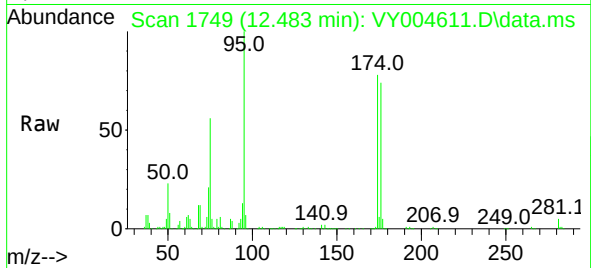




#76
1,2,3-Trichloropropane
Concen: 51.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 51981
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.74 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004611.D
Acq: 23 Apr 2021 17:31

Tgt Ion: 75 Resp: 51981
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 36.1 54.1#

