

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004606.D
 Acq On : 23 Apr 2021 15:35
 Operator : SY/MD
 Sample : M2163-02
 Misc : 5.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 26 10:19:25 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	134560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	238552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	224907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101188	50.00	ug/l	0.00

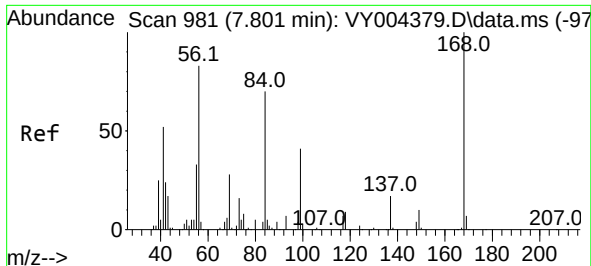
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	91260	61.04	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.08%
35) Dibromofluoromethane	7.728	113	72455	54.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.46%
50) Toluene-d8	10.185	98	294369	52.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.56%
62) 4-Bromofluorobenzene	12.483	95	101009	52.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.72%

Target Compounds					Qvalue	
4) Vinyl Chloride	2.174	62	3478	1.83	ug/l	# 43
11) Tert butyl alcohol	4.997	59	720	4.89	ug/l	# 73
16) Acetone	3.960	43	1218	Below Cal		# 76
20) Methylene Chloride	4.728	84	2823	1.95	ug/l	# 80
31) Cyclohexane	7.795	56	3403	1.24	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	11138	4.70	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	14137	6.90	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.185	43	1573	1.06	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	58351	53.73	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	58351	96.12	ug/l	# 13

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

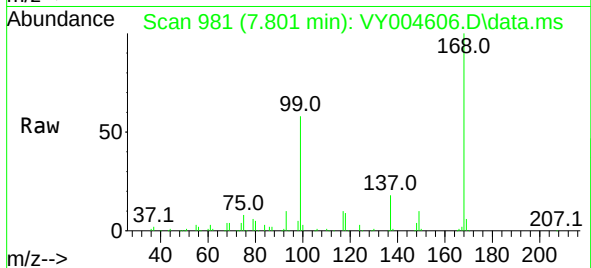
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



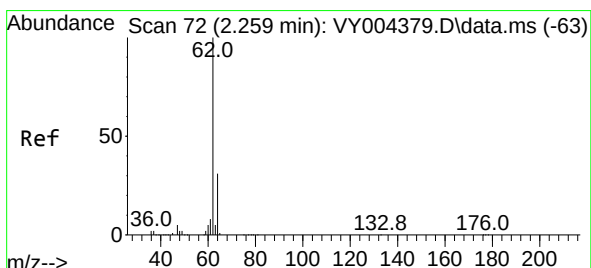
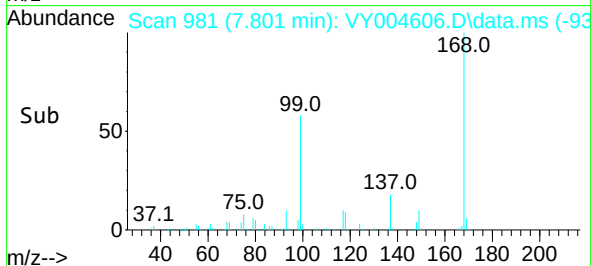
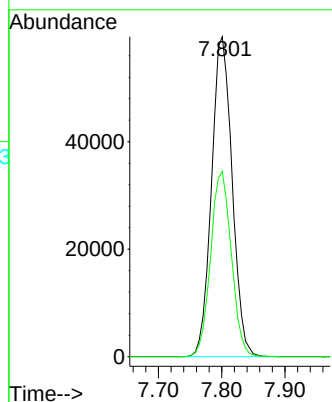


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Instrument :
MSVOA_Y
ClientSampled :

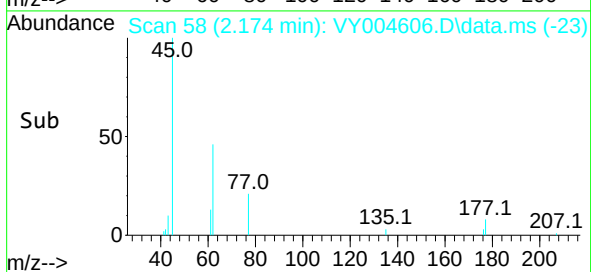
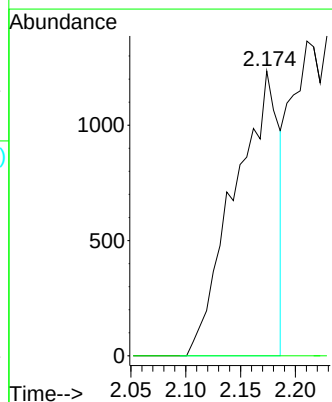
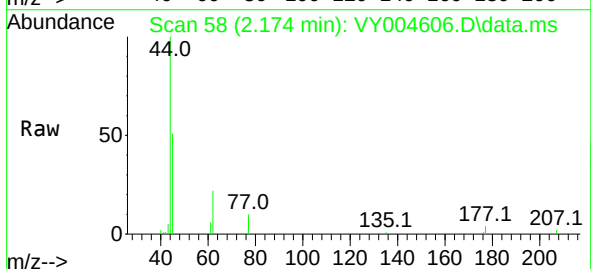


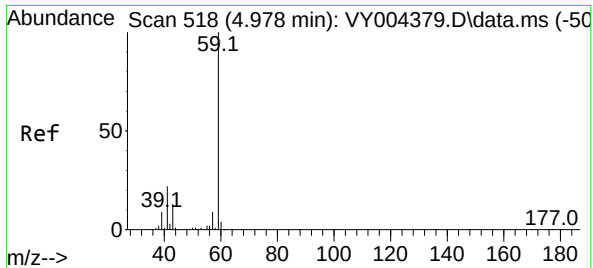
Tgt Ion:168 Resp: 134560
Ion Ratio Lower Upper
168 100
99 57.9 45.5 68.3



#4
Vinyl Chloride
Concen: 1.83 ug/l
RT: 2.174 min Scan# 58
Delta R.T. -0.085 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Tgt Ion: 62 Resp: 3478
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

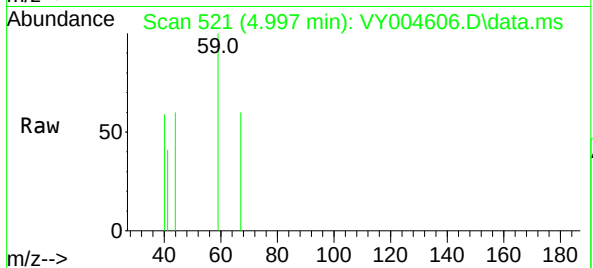




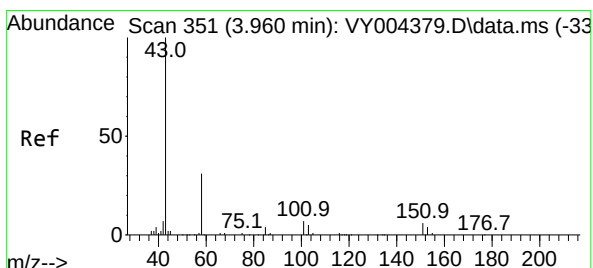
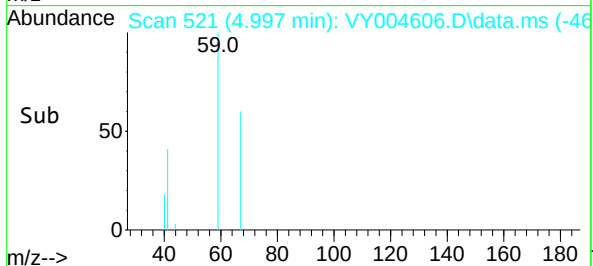
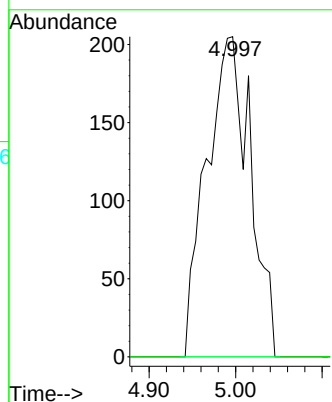
#11

Tert butyl alcohol
Concen: 4.89 ug/l
RT: 4.997 min Scan# 521
Delta R.T. 0.018 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Instrument :
MSVOA_Y
ClientSampled :



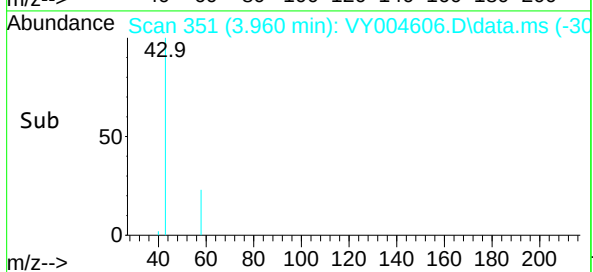
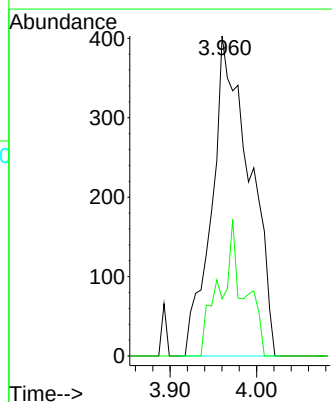
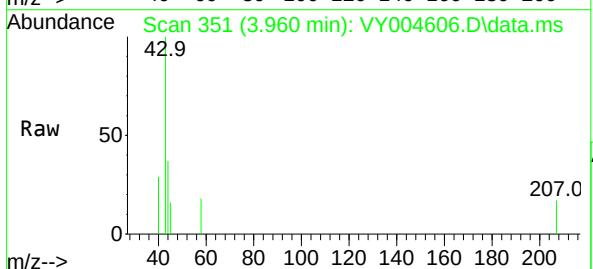
Tgt Ion: 59 Resp: 720
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

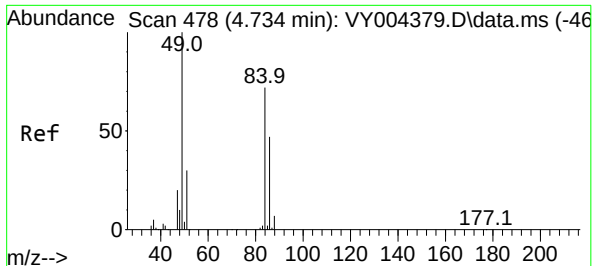


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

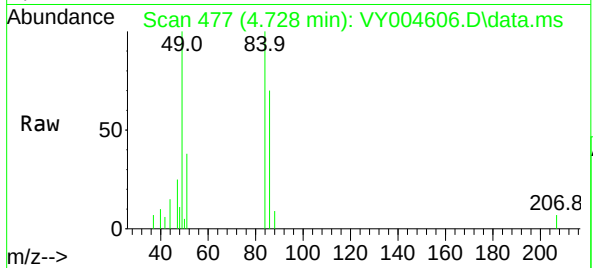
Tgt Ion: 43 Resp: 1218
Ion Ratio Lower Upper
43 100
58 17.9 24.6 37.0#





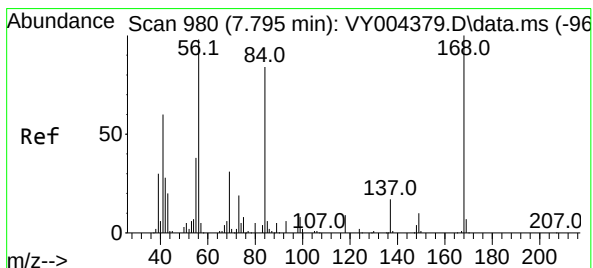
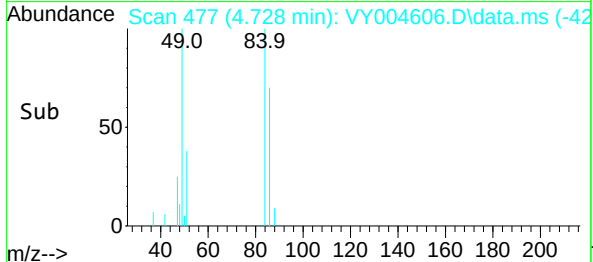
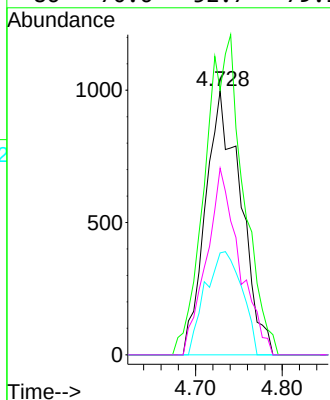
#20
Methylene Chloride
Concen: 1.95 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 2823

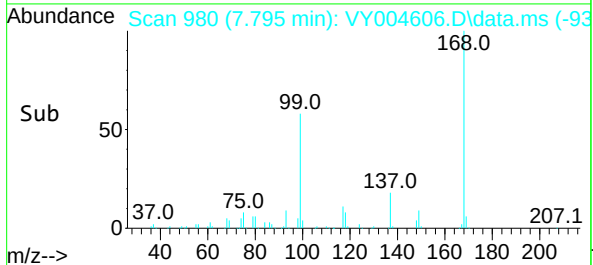
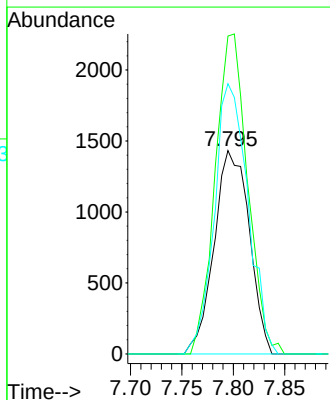
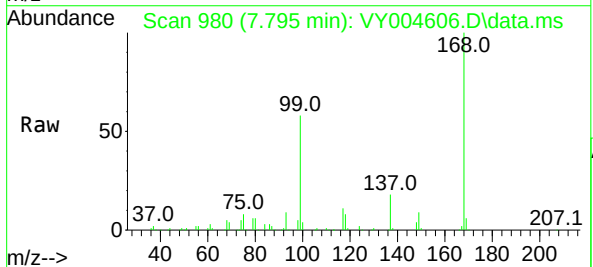
Ion	Ratio	Lower	Upper
84	100		
49	100.3	111.2	166.8#
51	38.6	33.4	50.2
86	70.6	52.7	79.1

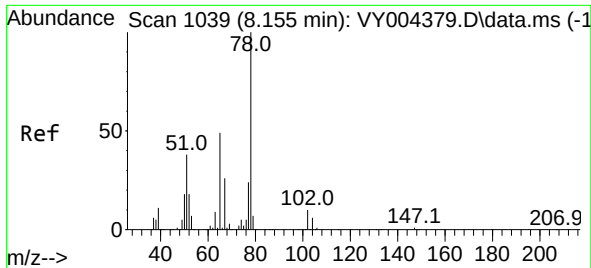


#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Tgt Ion: 56 Resp: 3403

Ion	Ratio	Lower	Upper
56	100		
69	156.4	25.8	38.6#
84	132.9	68.2	102.4#

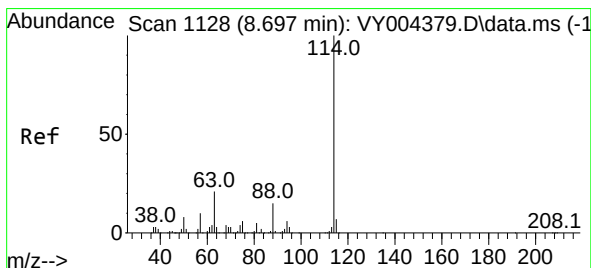
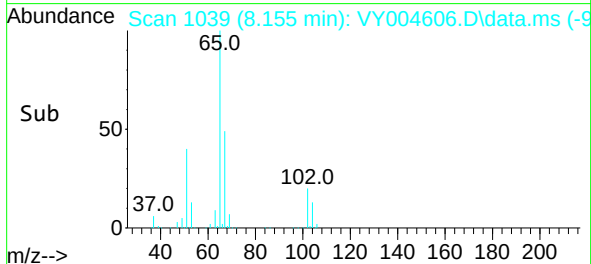
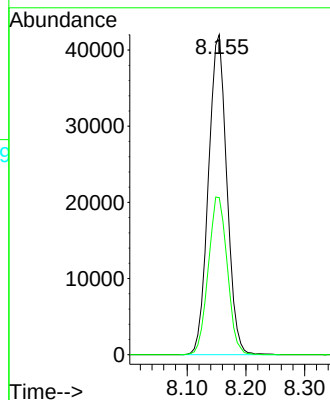
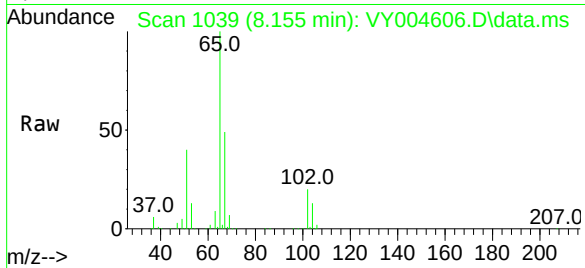




#33
1,2-Dichloroethane-d4
Concen: 61.04 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

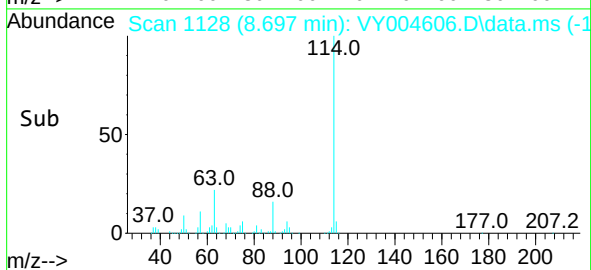
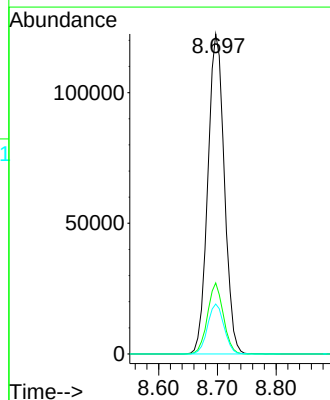
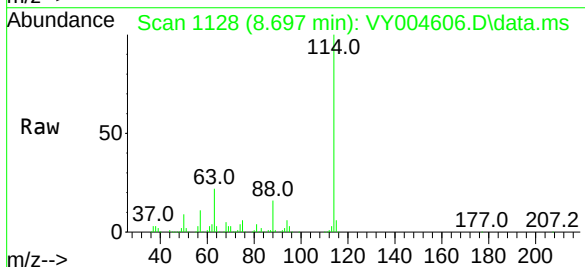
Instrument :
MSVOA_Y
ClientSampled :

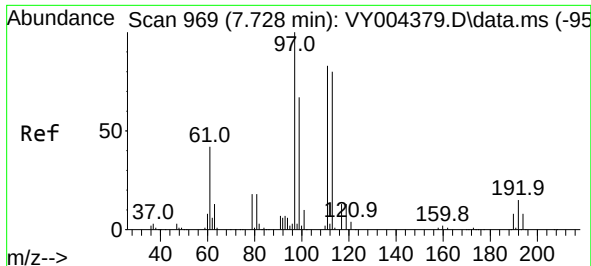
Tgt Ion: 65 Resp: 91260
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Tgt Ion: 114 Resp: 238552
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.4
88 15.6 0.0 30.8

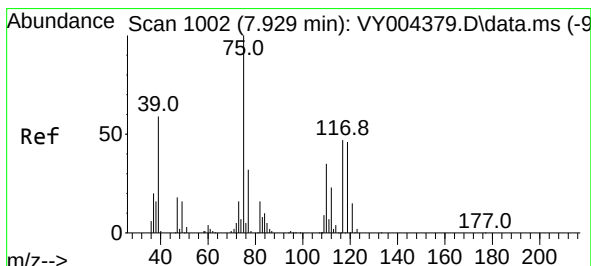
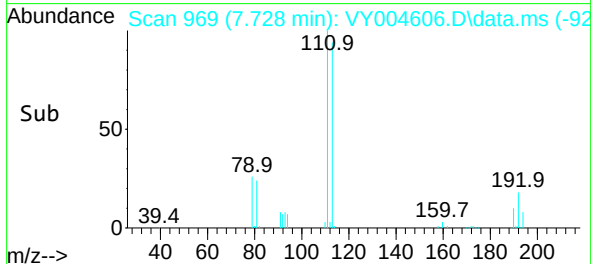
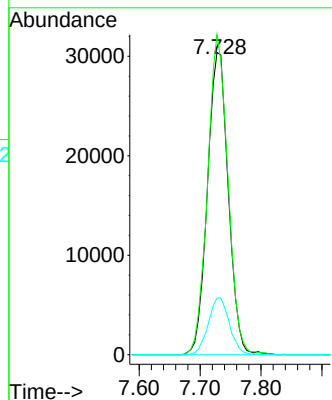
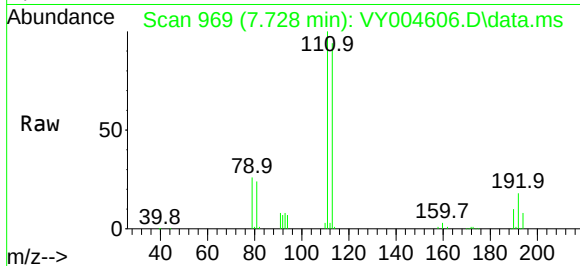




#35
Dibromofluoromethane
Concen: 54.73 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

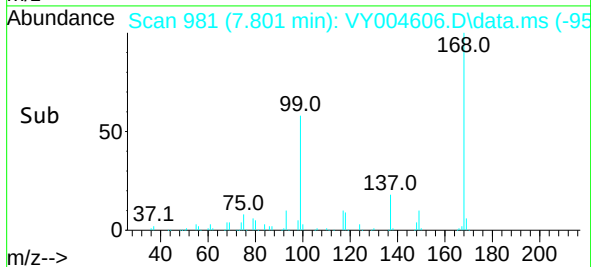
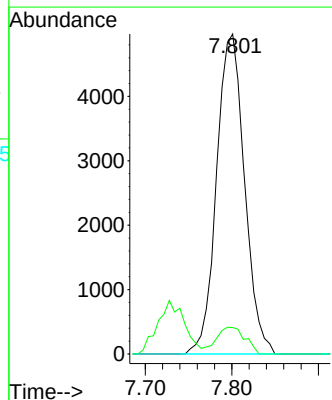
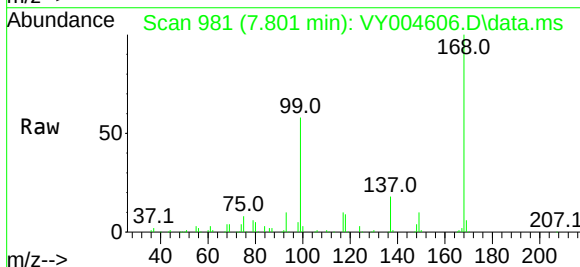
Instrument :
MSVOA_Y
ClientSampled :

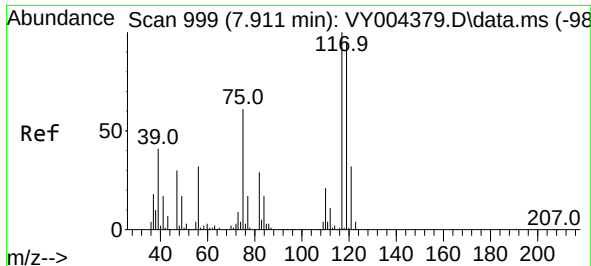
Tgt Ion:113 Resp: 72455
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.0 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

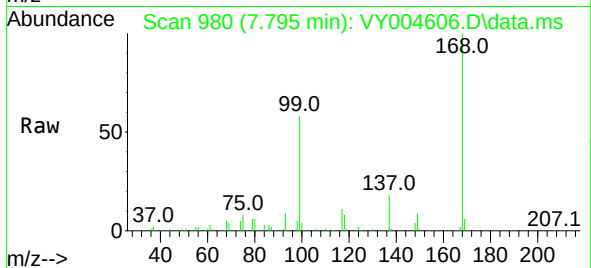
Tgt Ion: 75 Resp: 11138
Ion Ratio Lower Upper
75 100
110 8.7 17.3 51.7#
77 0.0 24.3 36.5#



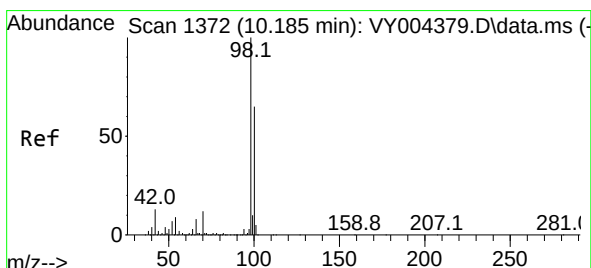
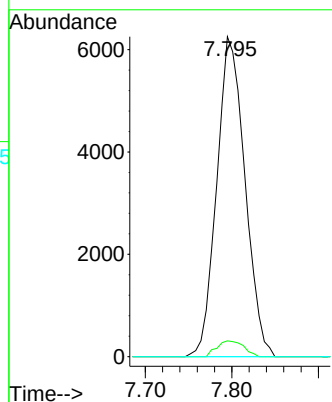
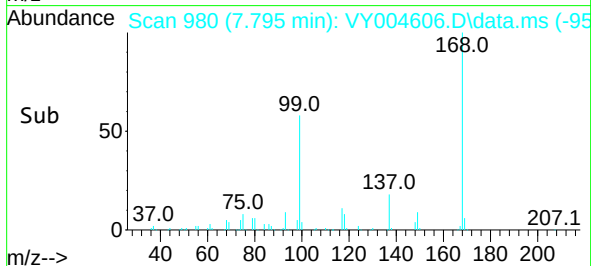


#38
Carbon Tetrachloride
Concen: 6.90 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

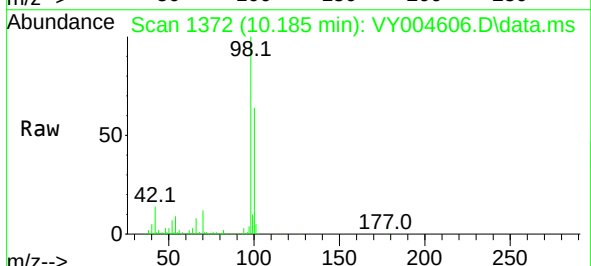
Instrument :
MSVOA_Y
ClientSampleId :



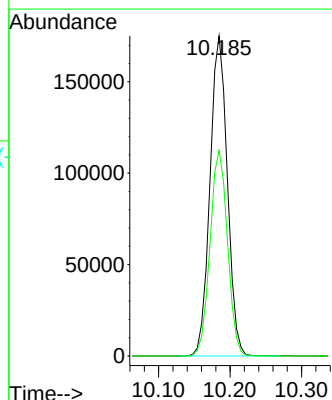
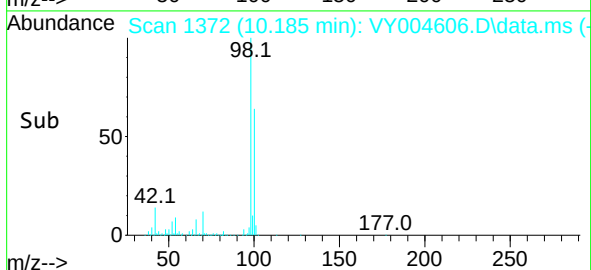
Tgt Ion:117 Resp: 14137
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 25.3 37.9#

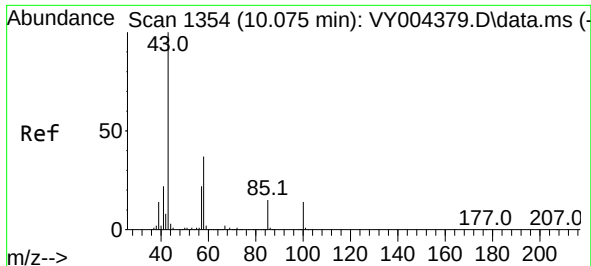


#50
Toluene-d8
Concen: 52.28 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35



Tgt Ion: 98 Resp: 294369
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

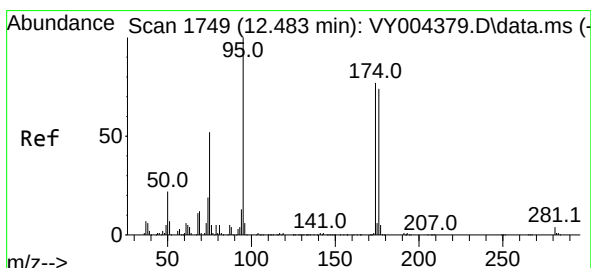
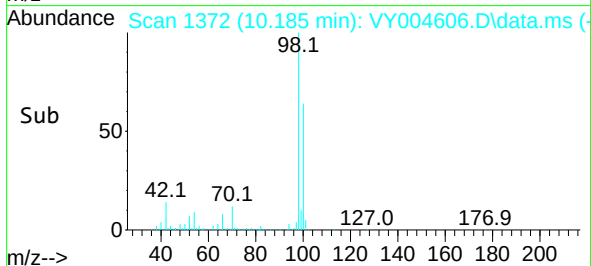
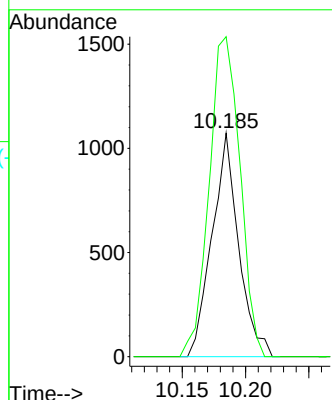
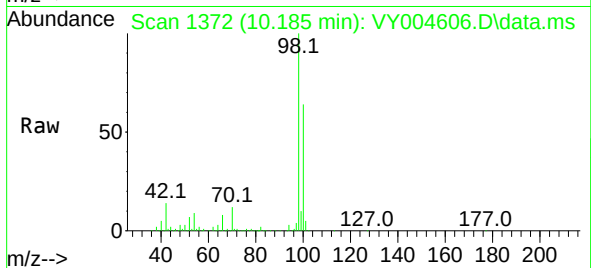




#51
4-Methyl-2-Pentanone
Concen: 1.06 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

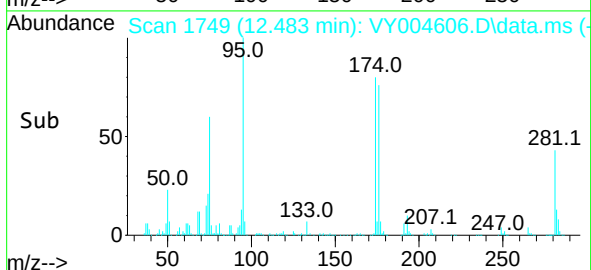
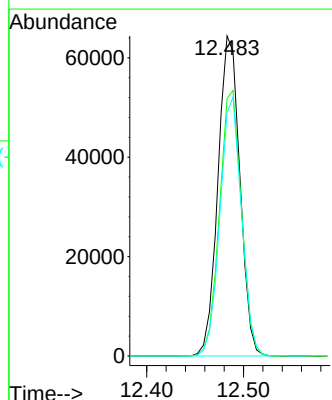
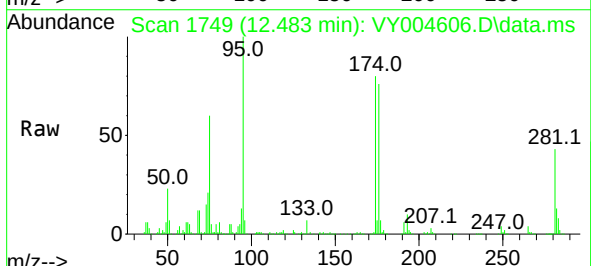
Instrument :
MSVOA_Y
ClientSampled :

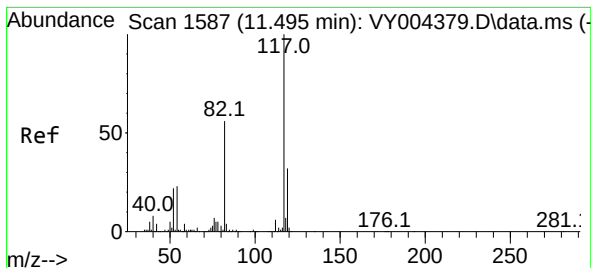
Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
58 165.7 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 52.86 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Tgt Ion: 95 Resp: 101009
Ion Ratio Lower Upper
95 100
174 83.2 0.0 162.4
176 79.8 0.0 156.0

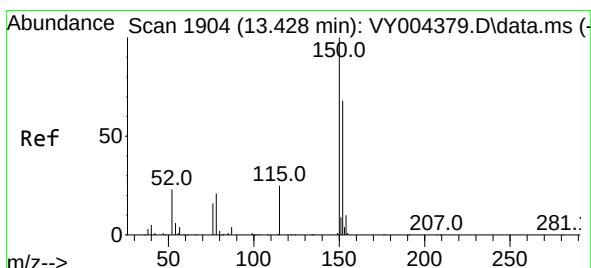
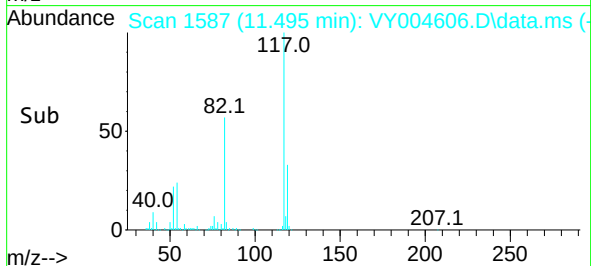
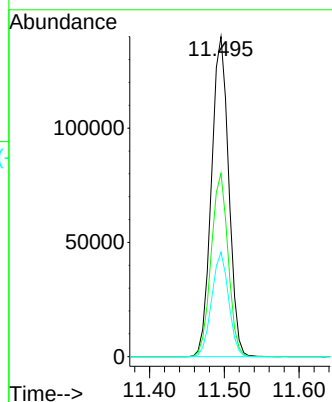
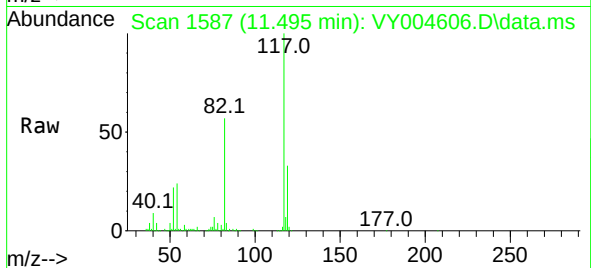




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

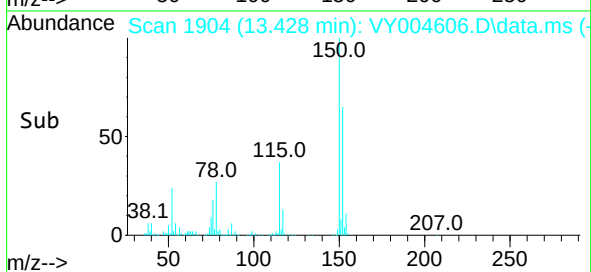
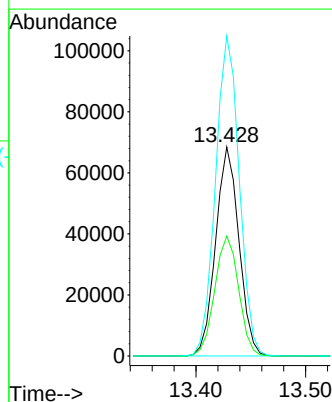
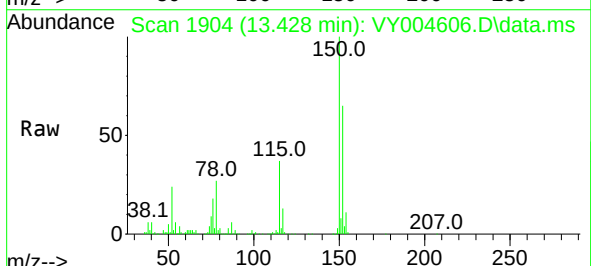
Instrument :
MSVOA_Y
ClientSampleId :

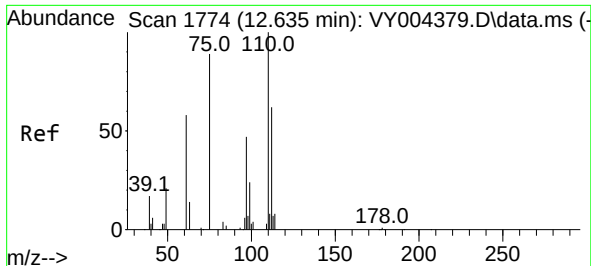
Tgt Ion:117 Resp: 224907
Ion Ratio Lower Upper
117 100
82 57.3 44.9 67.3
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Tgt Ion:152 Resp: 101188
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.8
150 156.3 0.0 348.4

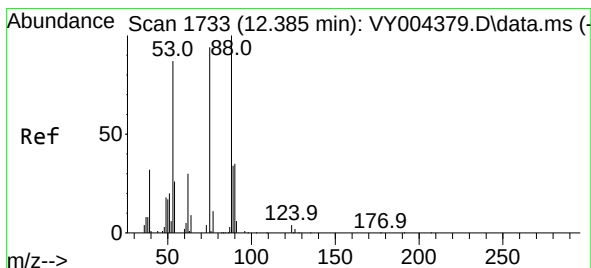
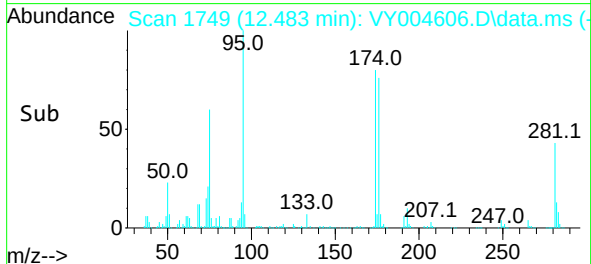
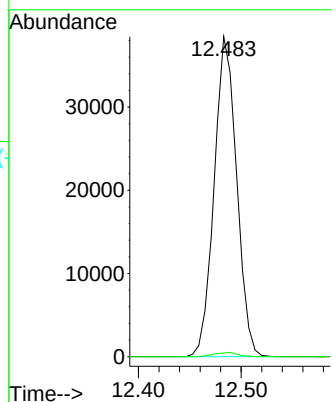
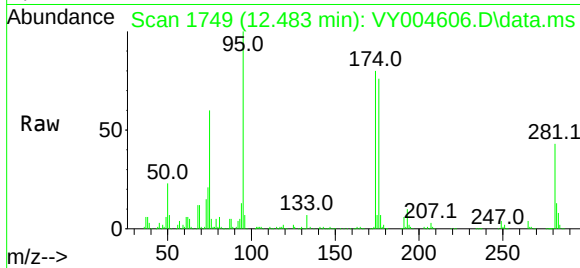




#76
1,2,3-Trichloropropane
Concen: 53.73 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 58351
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.12 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004606.D
Acq: 23 Apr 2021 15:35

Tgt Ion: 75 Resp: 58351
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 1.2 36.1 54.1#

