

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004522.D
 Acq On : 20 Apr 2021 12:38
 Operator : SY/MD
 Sample : M2090-01
 Misc : 6.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:49:54 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)

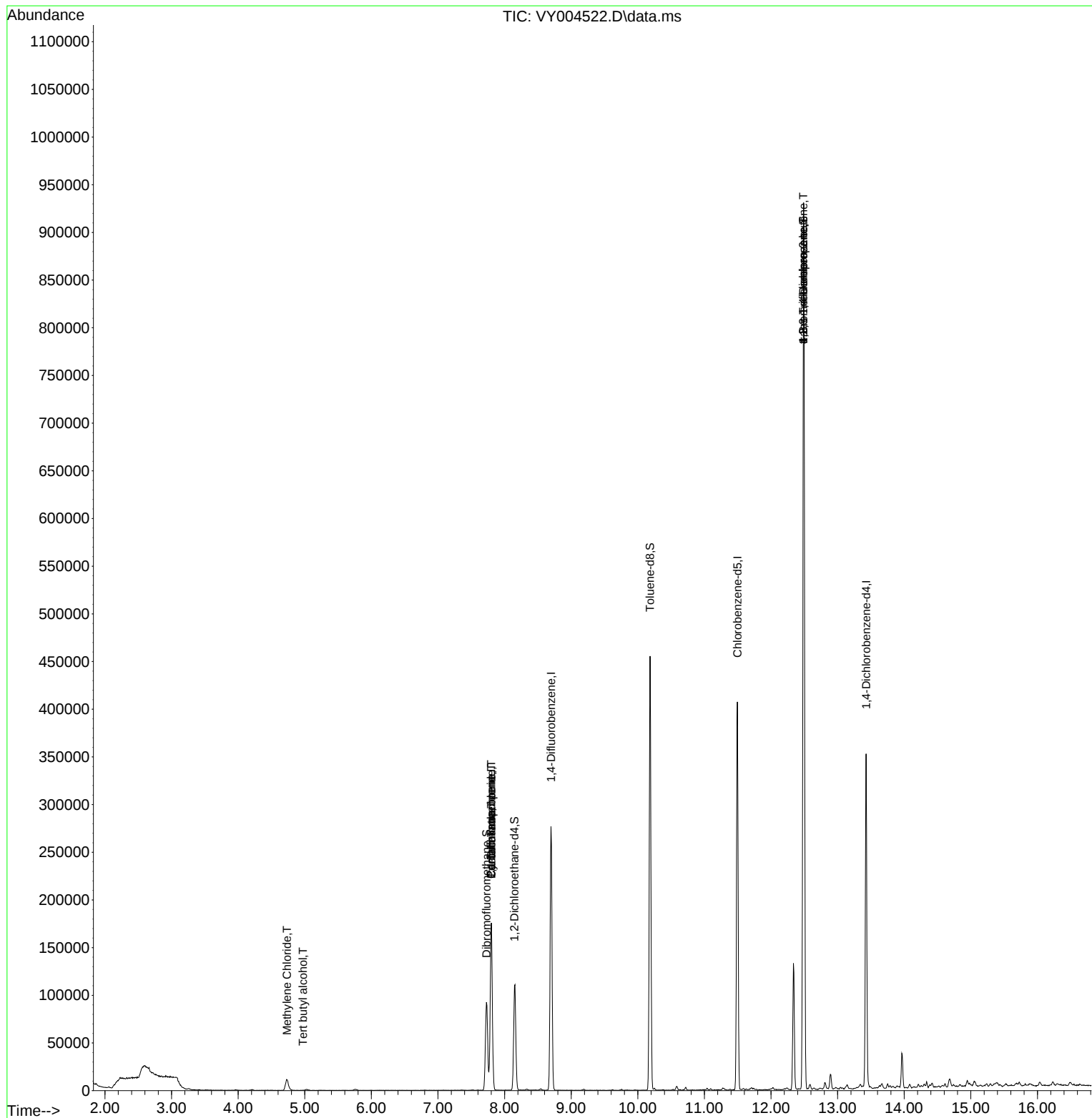
Internal Standards						
1) Pentafluorobenzene	7.801	168	130315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	227061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	207433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	85450	59.02	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.04%
35) Dibromofluoromethane	7.728	113	65274	51.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.60%
50) Toluene-d8	10.185	98	281826	52.58	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.16%
62) 4-Bromofluorobenzene	12.483	95	92950	51.10	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.20%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	285	2.00	ug/l #	73
16) Acetone	3.954	43	1002	Below	Cal #	44
20) Methylene Chloride	4.734	84	7956	5.69	ug/l	95
31) Cyclohexane	7.801	56	3328	1.25	ug/l #	5
36) 1,1-Dichloropropene	7.801	75	10824	4.80	ug/l #	51
38) Carbon Tetrachloride	7.801	117	13167	6.75	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	57411	64.72	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57411	115.78	ug/l #	14

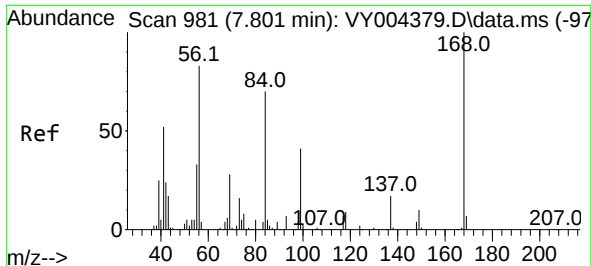
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 21 08:49:54 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

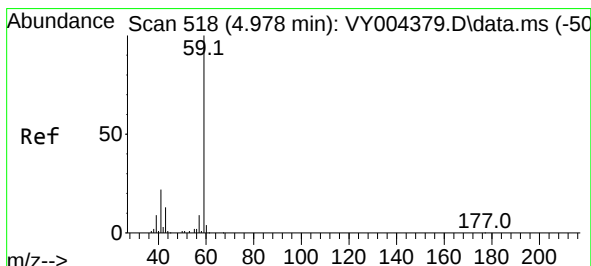
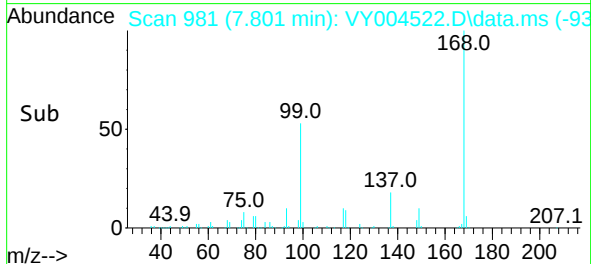
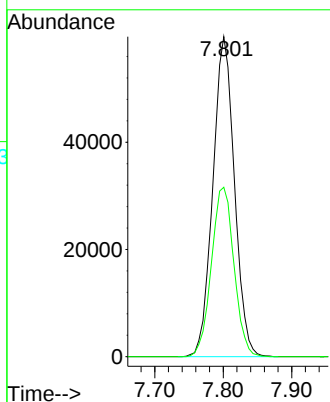
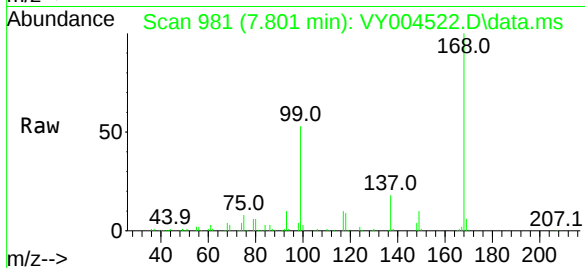




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

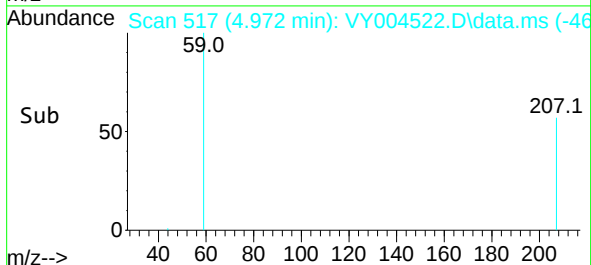
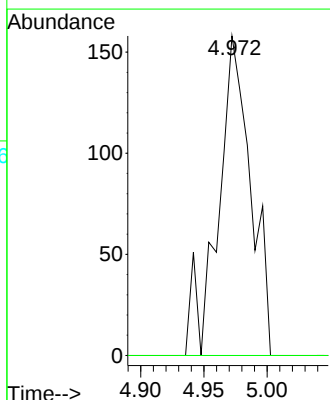
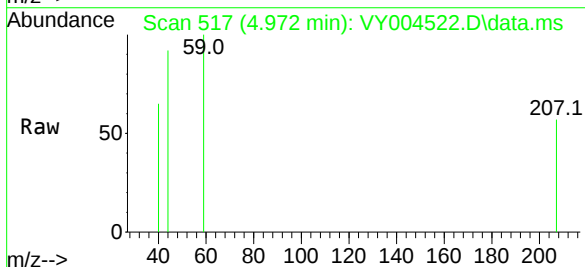
Instrument :
MSVOA_Y
ClientSampleId :

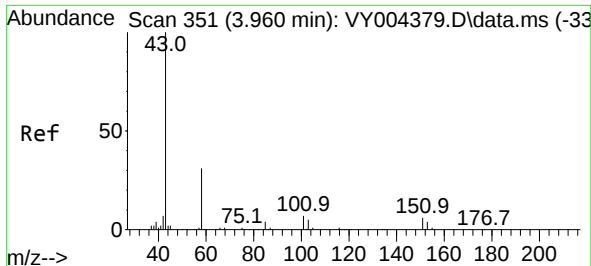
Tgt Ion:168 Resp: 130315
Ion Ratio Lower Upper
168 100
99 53.0 45.5 68.3



#11
Tert butyl alcohol
Concen: 2.00 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

Tgt Ion: 59 Resp: 285
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

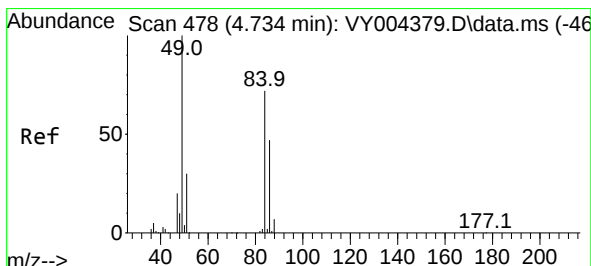
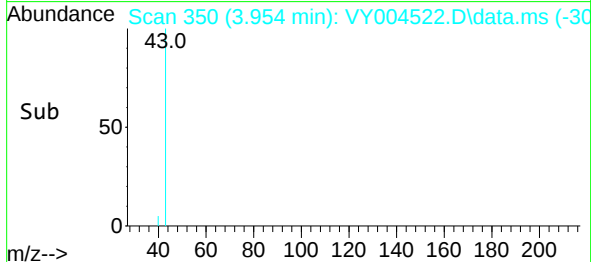
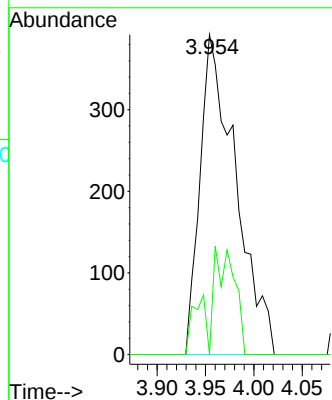
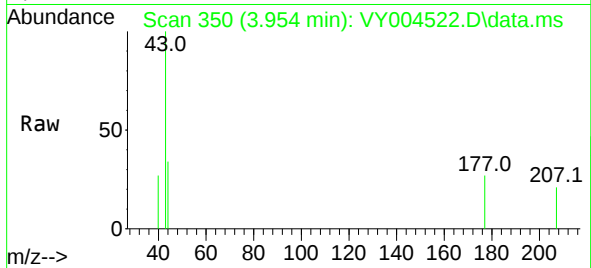




#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

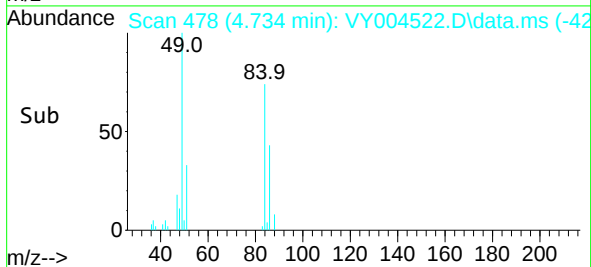
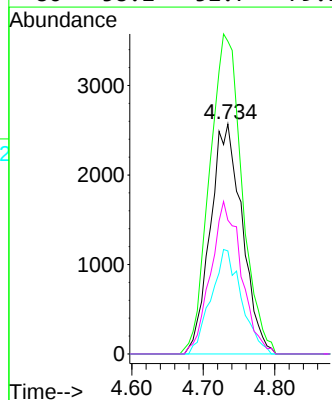
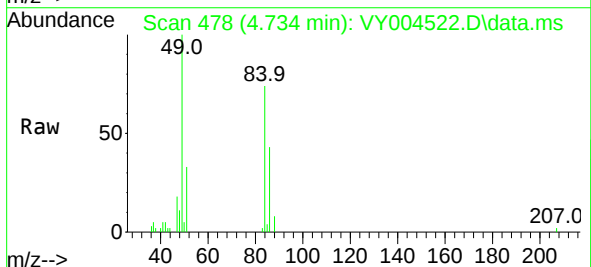
Instrument :
MSVOA_Y
ClientSampleId :

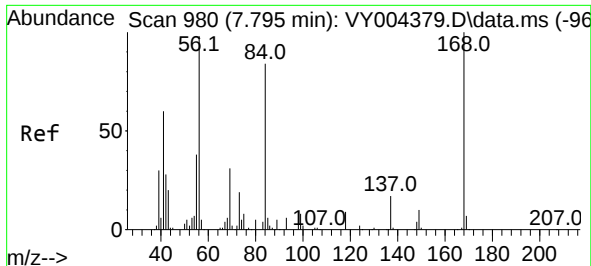
Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
58 0.0 24.6 37.0#



#20
Methylene Chloride
Concen: 5.69 ug/l
RT: 4.734 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

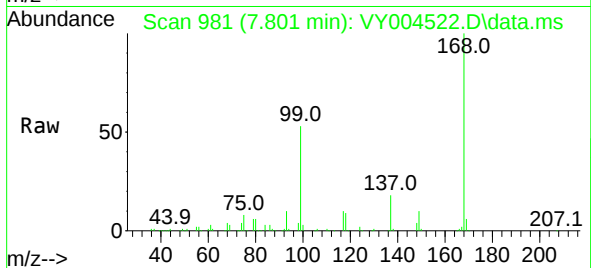
Tgt Ion: 84 Resp: 7956
Ion Ratio Lower Upper
84 100
49 135.9 111.2 166.8
51 44.8 33.4 50.2
86 58.2 52.7 79.1



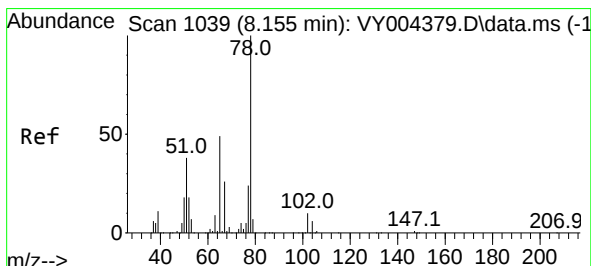
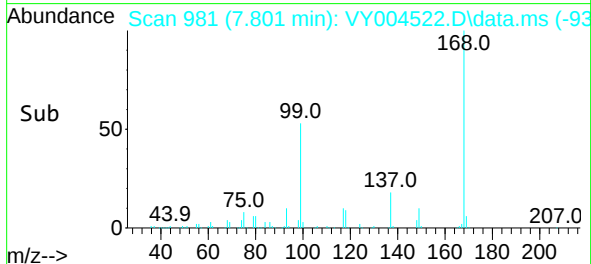
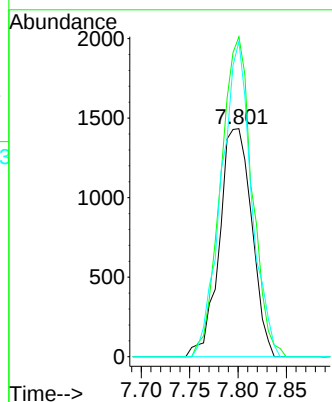


#31
Cyclohexane
Concen: 1.25 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

Instrument :
MSVOA_Y
ClientSampleId :

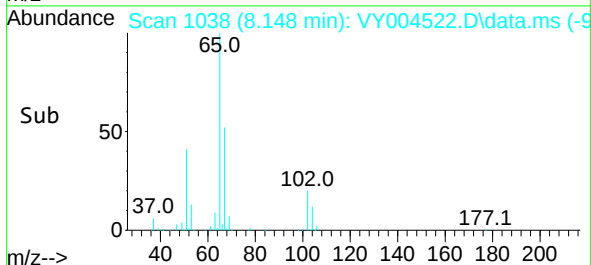
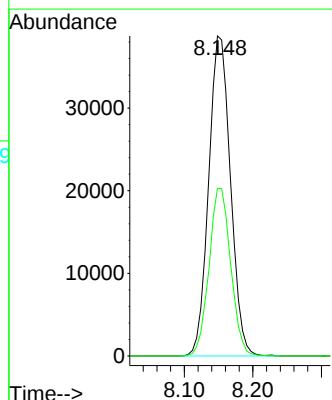
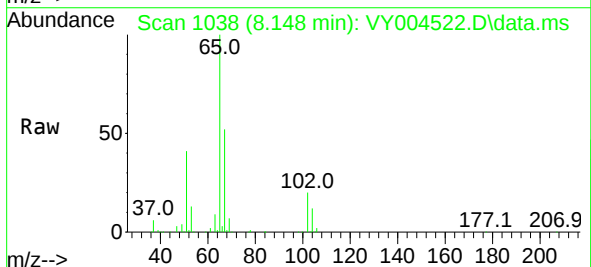


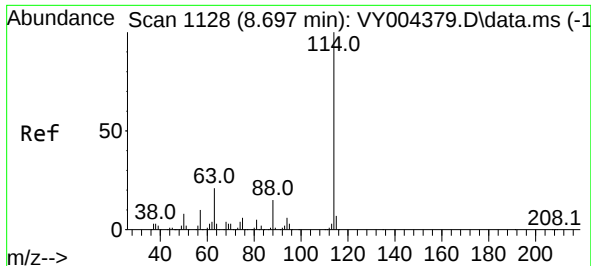
Tgt Ion: 56 Resp: 3328
Ion Ratio Lower Upper
56 100
69 140.3 25.8 38.6#
84 138.1 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 59.02 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

Tgt Ion: 65 Resp: 85450
Ion Ratio Lower Upper
65 100
67 52.1 0.0 106.4

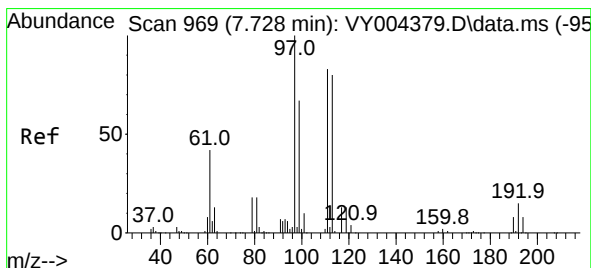
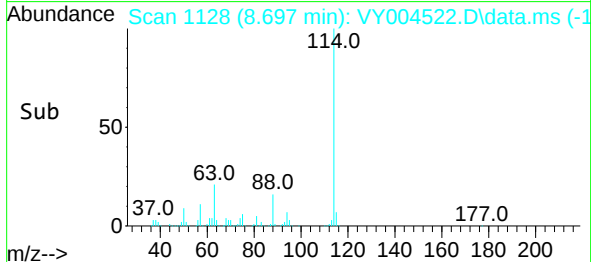
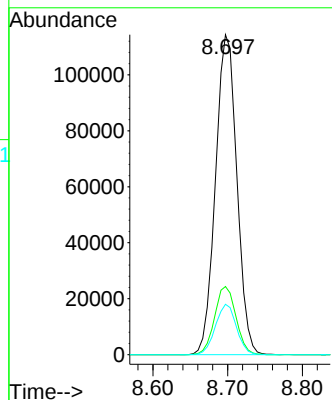
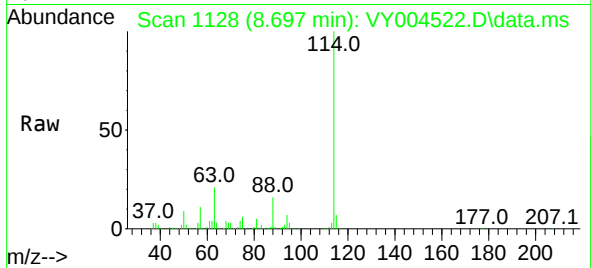




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

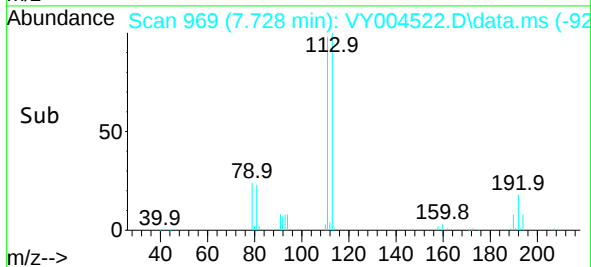
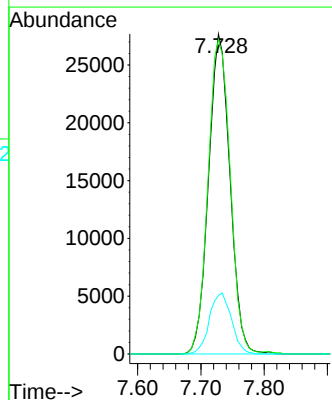
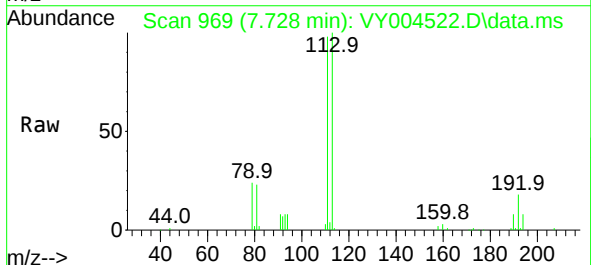
Instrument :
MSVOA_Y
ClientSampleId :

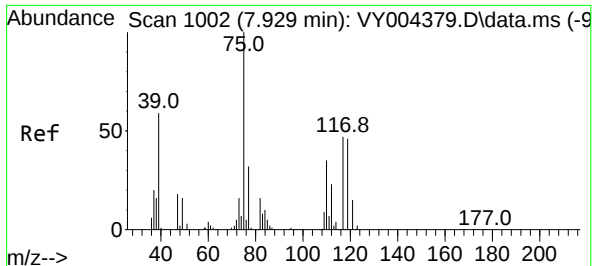
Tgt Ion:114 Resp: 227061
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 51.80 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

Tgt Ion:113 Resp: 65274
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 19.5 16.1 24.1

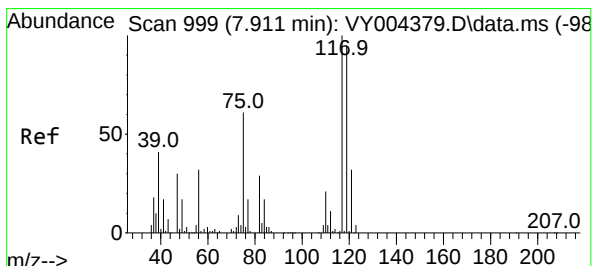
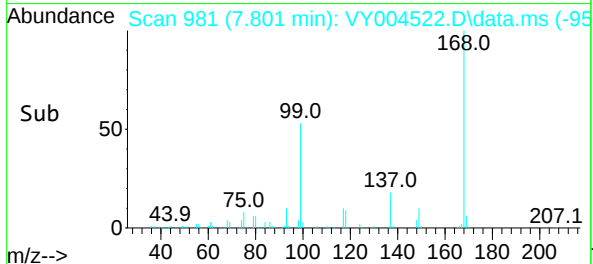
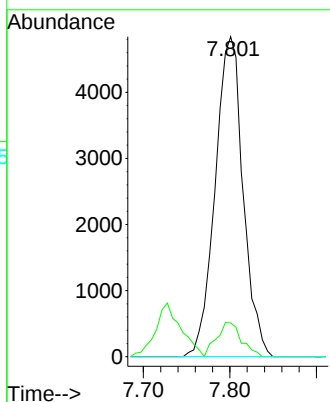
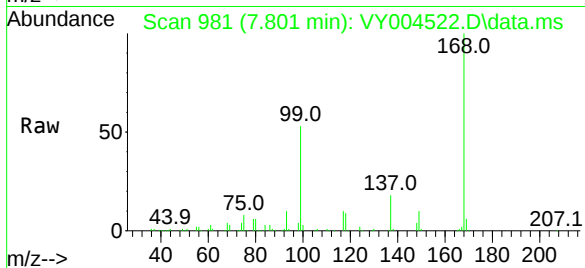




#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

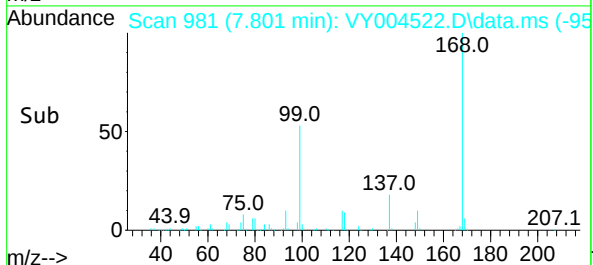
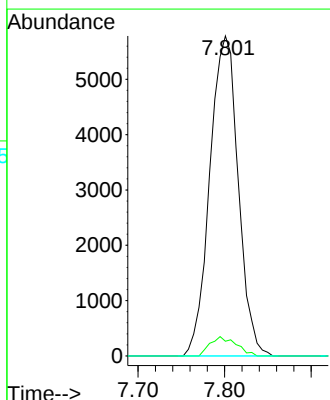
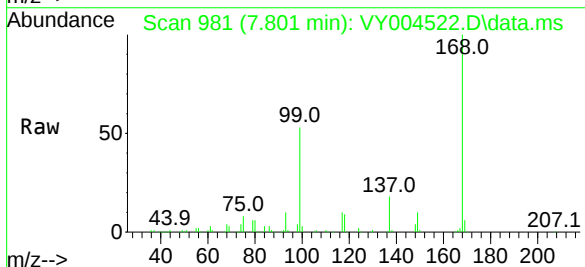
Instrument :
MSVOA_Y
ClientSampled :

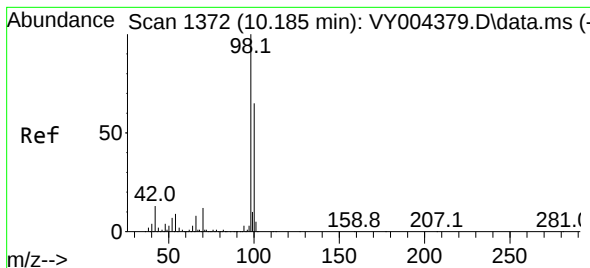
Tgt Ion: 75 Resp: 10824
Ion Ratio Lower Upper
75 100
110 9.5 17.3 51.7#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.75 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

Tgt Ion: 117 Resp: 13167
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.8#
121 0.0 25.3 37.9#

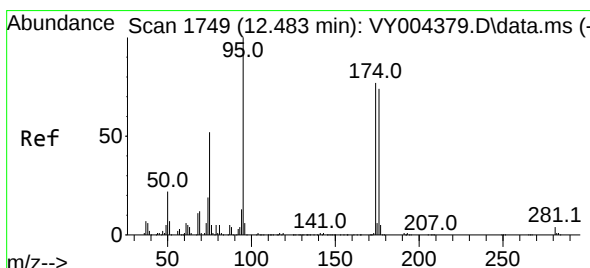
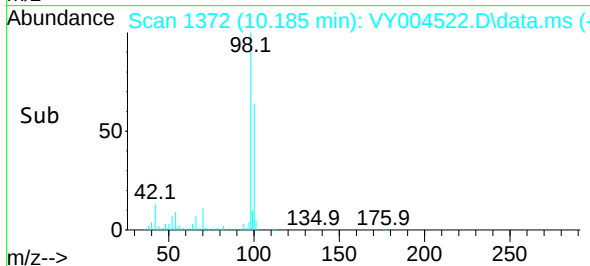
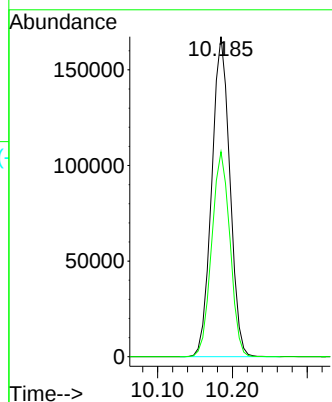
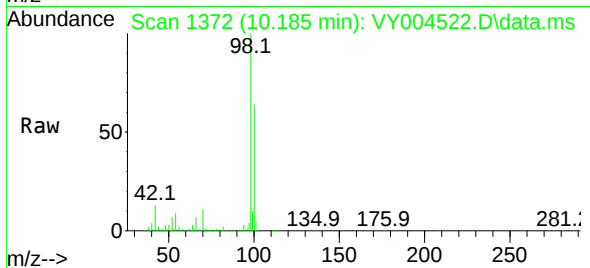




#50
Toluene-d8
Concen: 52.58 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

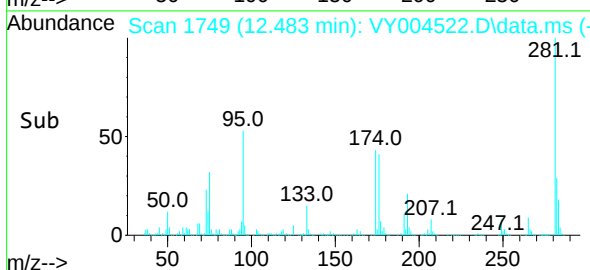
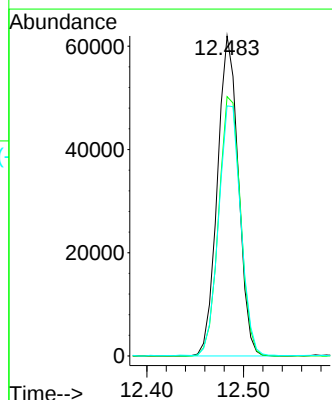
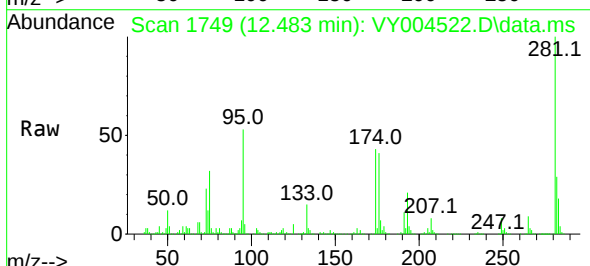
Instrument :
MSVOA_Y
ClientSampled :

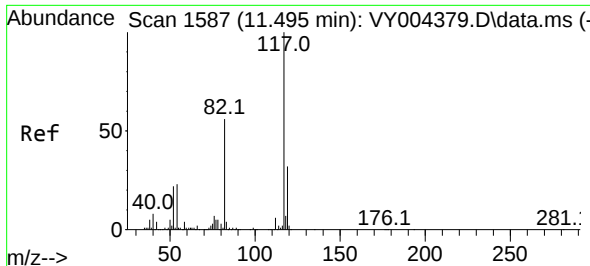
Tgt Ion: 98 Resp: 281826
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 51.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

Tgt Ion: 95 Resp: 92950
Ion Ratio Lower Upper
95 100
174 84.2 0.0 162.4
176 82.8 0.0 156.0

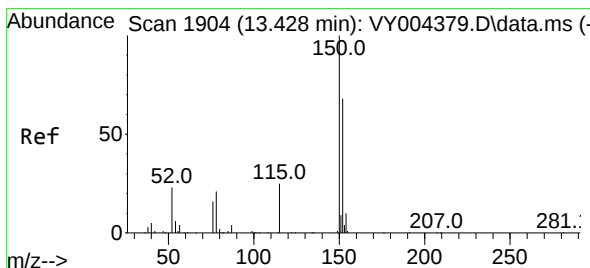
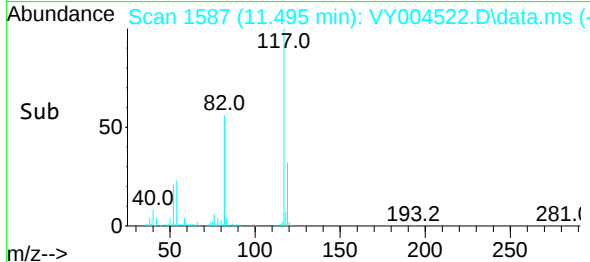
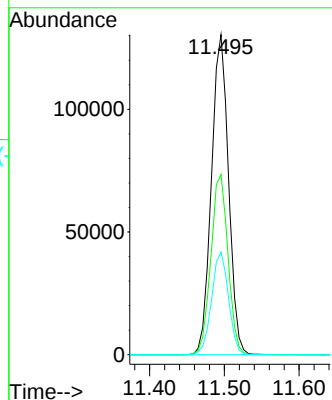
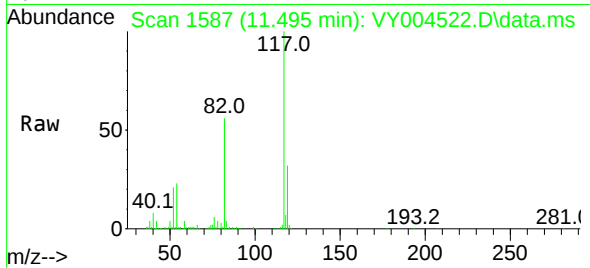




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

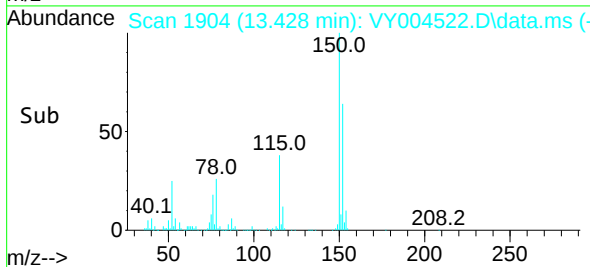
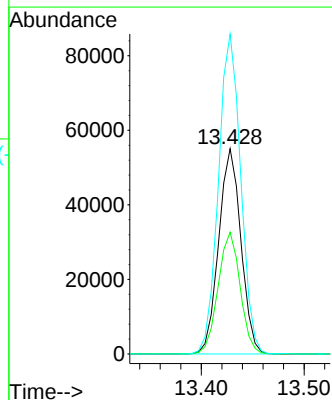
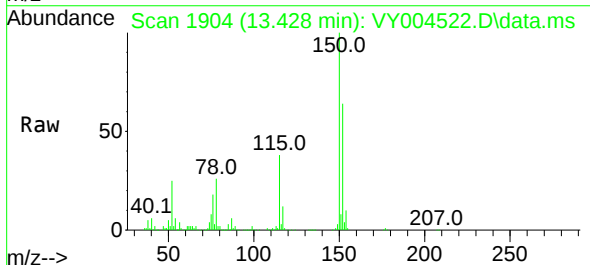
Instrument :
MSVOA_Y
ClientSampled :

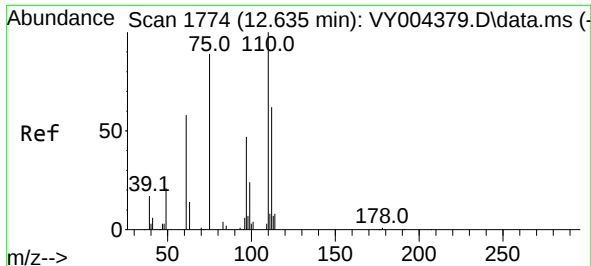
Tgt Ion:117 Resp: 207433
Ion Ratio Lower Upper
117 100
82 56.3 44.9 67.3
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

Tgt Ion:152 Resp: 82651
Ion Ratio Lower Upper
152 100
115 58.9 29.6 88.8
150 156.0 0.0 348.4

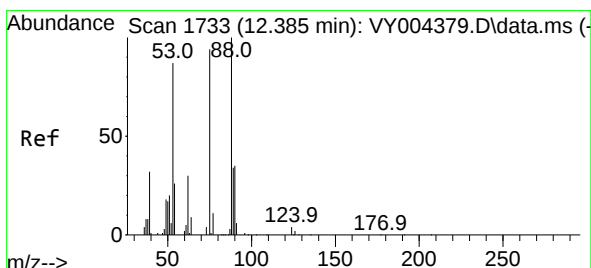
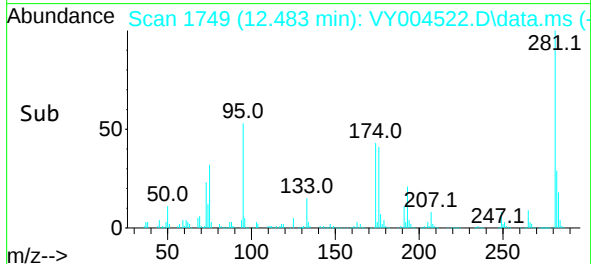
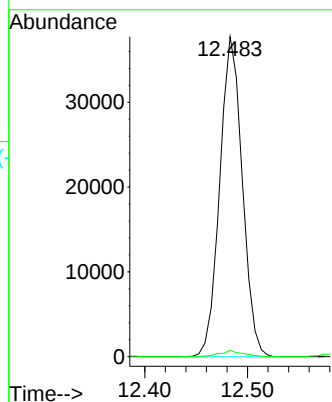
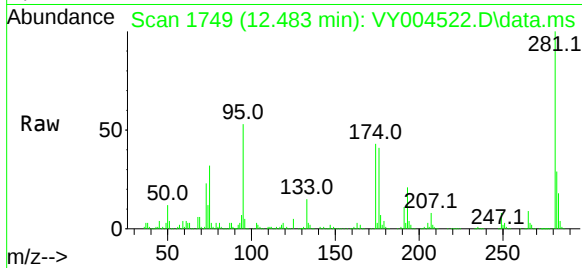




#76
1,2,3-Trichloropropane
Concen: 64.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 57411
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.78 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004522.D
Acq: 20 Apr 2021 12:38

Tgt Ion: 75 Resp: 57411
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 3.7 36.1 54.1#

