

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004108.D
 Acq On : 17 Mar 2021 17:07
 Operator : SY/MD
 Sample : M1681-39RE
 Misc : 4.52g/5mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 18 01:51:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

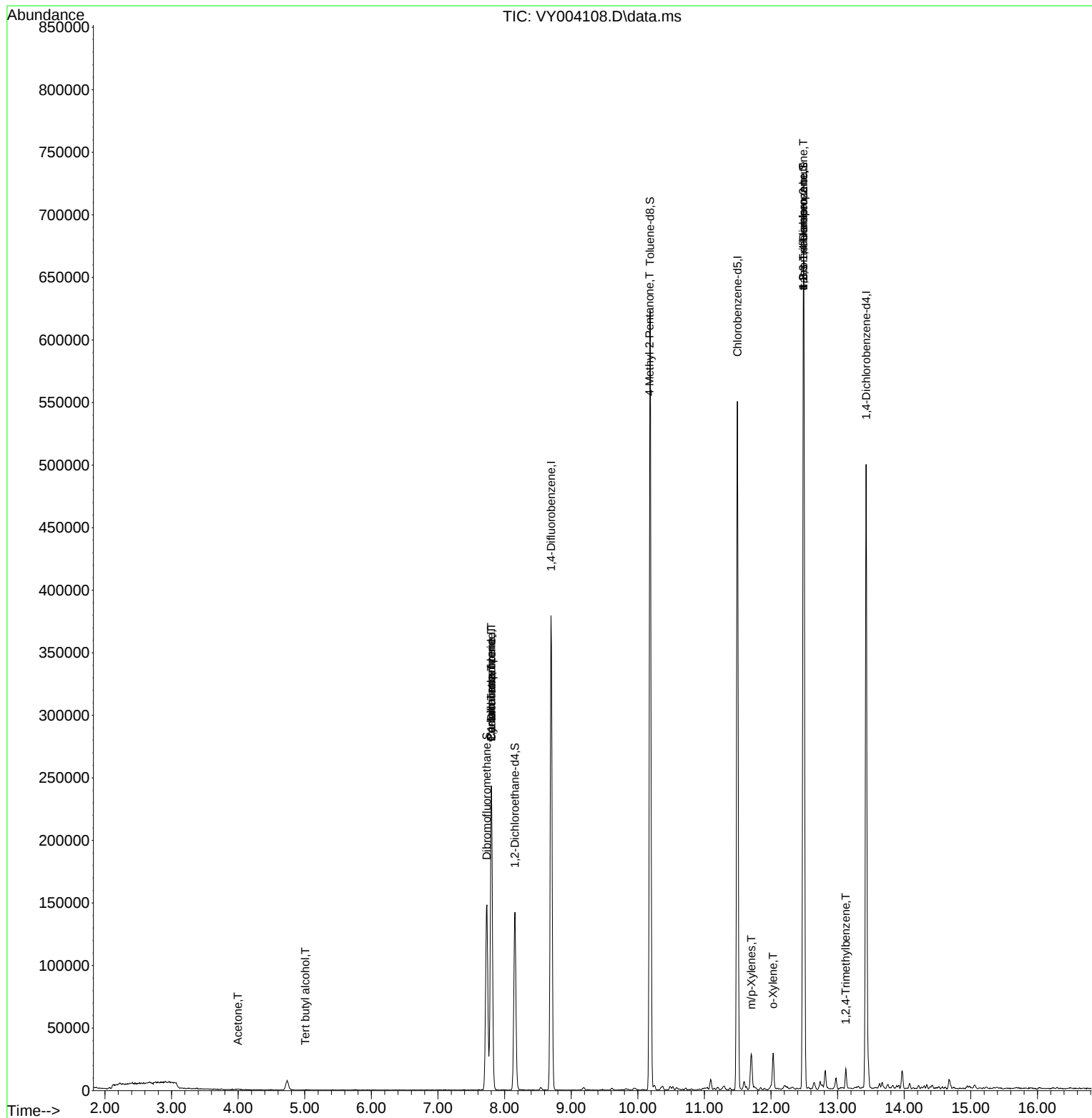
Internal Standards						
1) Pentafluorobenzene	7.801	168	191091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	330887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	303028	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	125000	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	111426	59.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.18%
35) Dibromofluoromethane	7.734	113	102748	55.07	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.14%
50) Toluene-d8	10.185	98	391386	53.50	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.00%
62) 4-Bromofluorobenzene	12.483	95	129532	47.94	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.88%
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	20	Below Cal	#	41
3) Chloromethane	2.113	50	846	Below Cal		96
11) Tert butyl alcohol	5.009	59	196	1.15 ug/l	#	76
16) Acetone	3.997	43	1616	3.55 ug/l	#	70
20) Methylene Chloride	4.735	84	5982	Below Cal	#	81
31) Cyclohexane	7.801	56	3944	1.19 ug/l	#	1
36) 1,1-Dichloropropene	7.801	75	13842	4.76 ug/l	#	51
38) Carbon Tetrachloride	7.801	117	18600	6.03 ug/l	#	16
51) 4-Methyl-2-Pentanone	10.179	43	1847	1.16 ug/l	#	1
68) m/p-Xylenes	11.703	106	7870	1.94 ug/l		99
69) o-Xylene	12.032	106	7859	2.04 ug/l		92
76) 1,2,3-Trichloropropane	12.483	75	70416	58.75 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	70416	115.95 ug/l	#	14
84) 1,2,4-Trimethylbenzene	13.123	105	7552	1.02 ug/l		92

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

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Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
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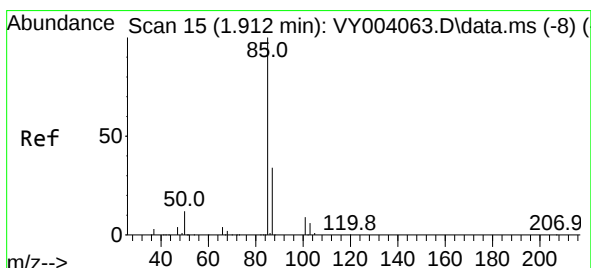
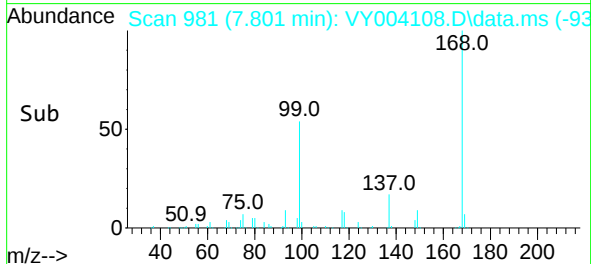
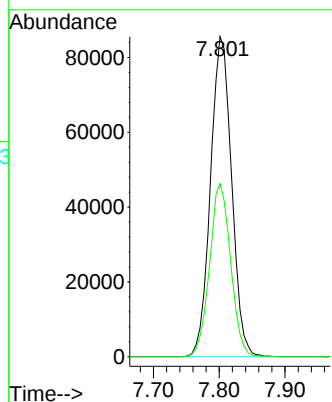
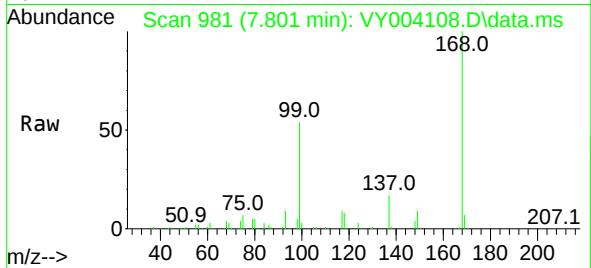




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

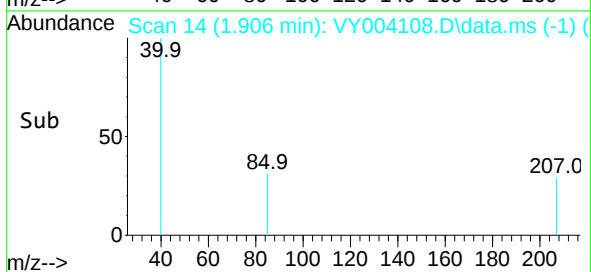
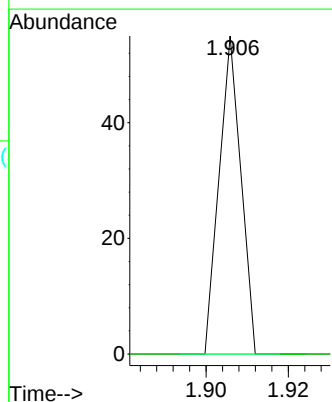
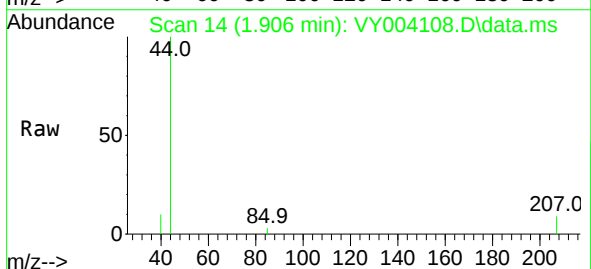
Instrument :
MSVOA_Y
ClientSampled :

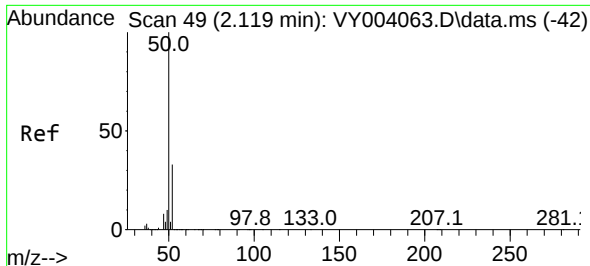
Tgt Ion:168 Resp: 191091
Ion Ratio Lower Upper
168 100
99 54.1 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

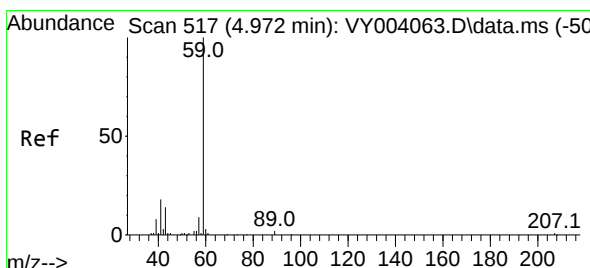
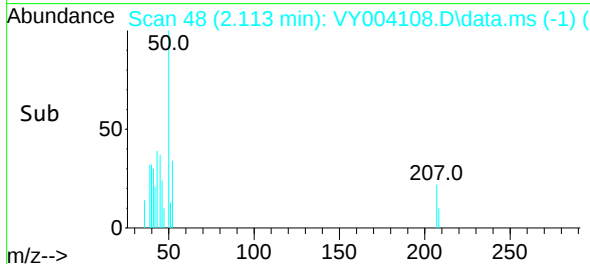
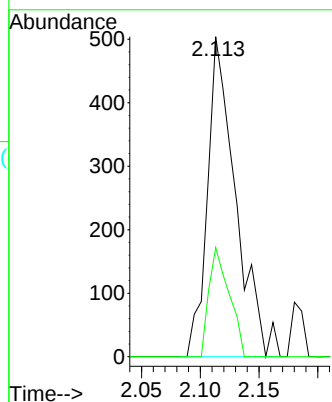
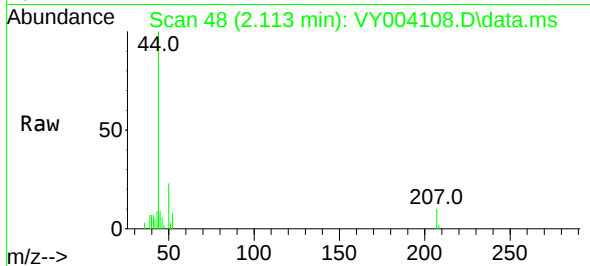




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

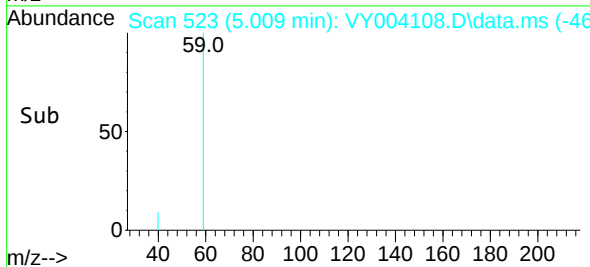
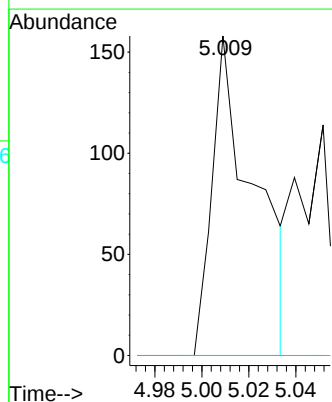
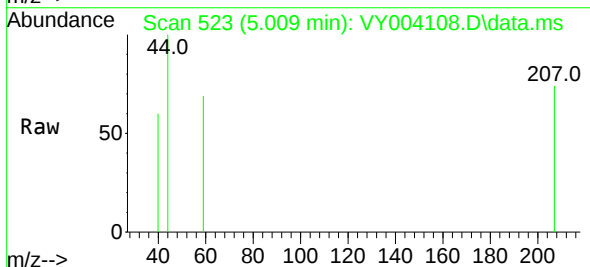
Instrument :
MSVOA_Y
ClientSampled :

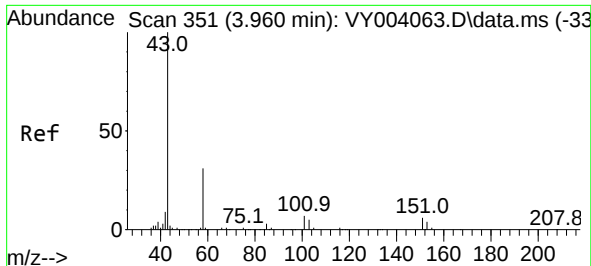
Tgt Ion: 50 Resp: 846
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2



#11
Tert butyl alcohol
Concen: 1.15 ug/l
RT: 5.009 min Scan# 523
Delta R.T. 0.037 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

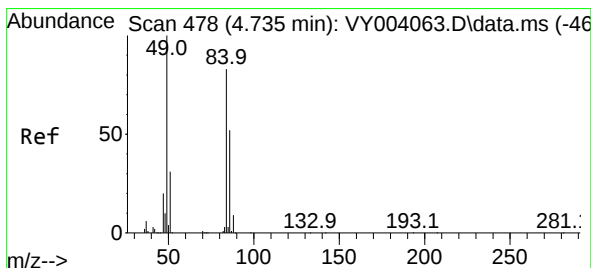
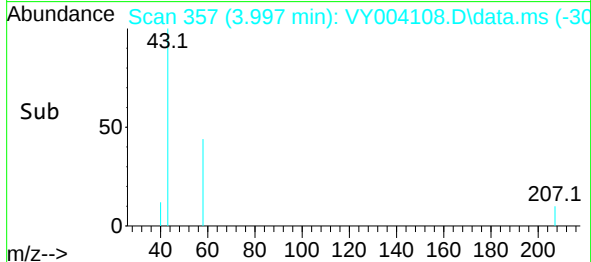
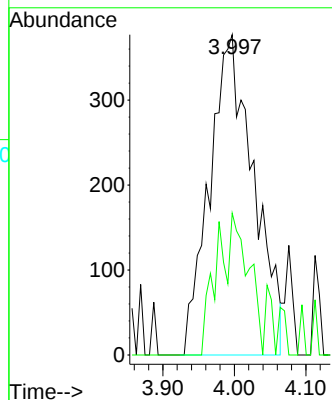
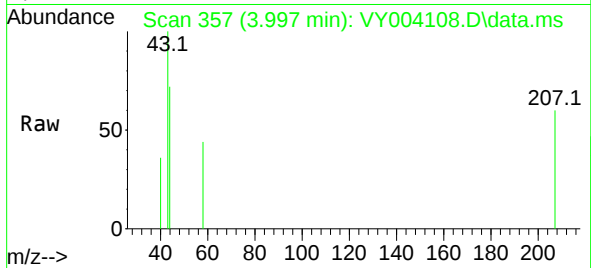




#16
Acetone
Concen: 3.55 ug/l
RT: 3.997 min Scan# 357
Delta R.T. 0.037 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

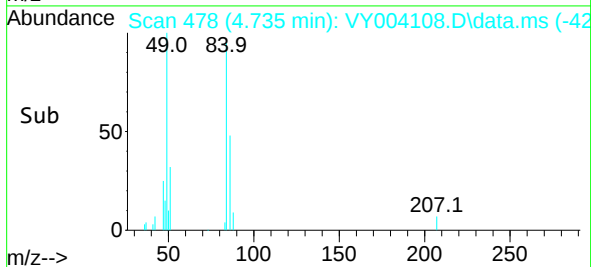
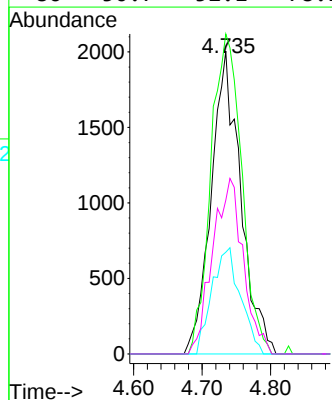
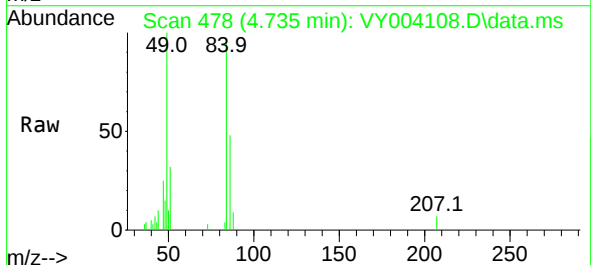
Instrument :
MSVOA_Y
ClientSampled :

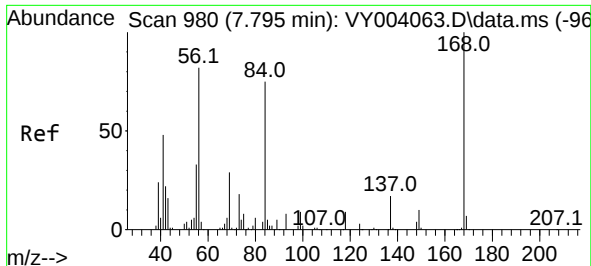
Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
58 44.3 22.6 34.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

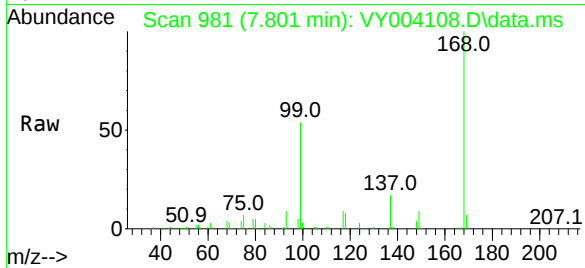
Tgt Ion: 84 Resp: 5982
Ion Ratio Lower Upper
84 100
49 105.6 105.8 158.6#
51 33.6 32.6 48.8
86 50.7 52.1 78.1#



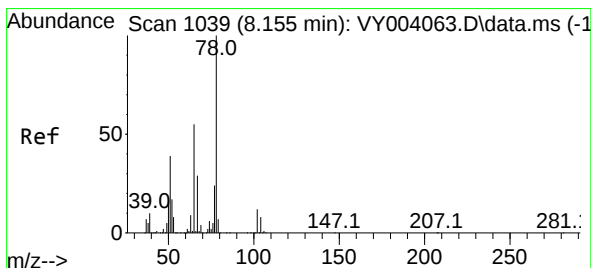
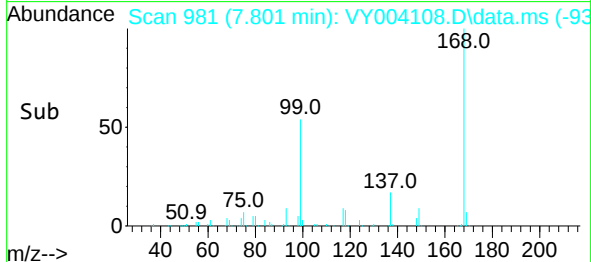
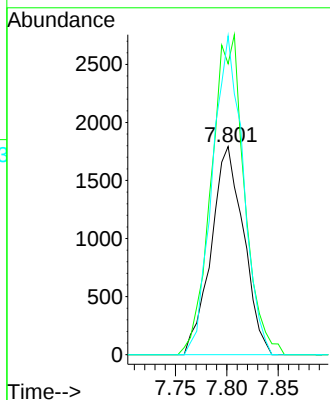


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Instrument :
MSVOA_Y
ClientSampleId :

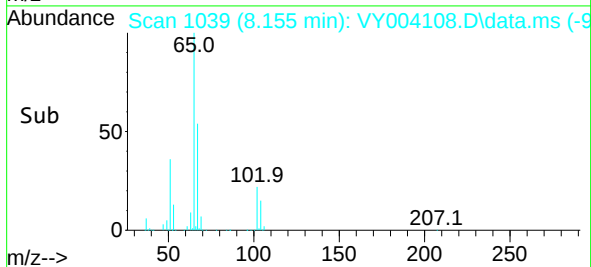
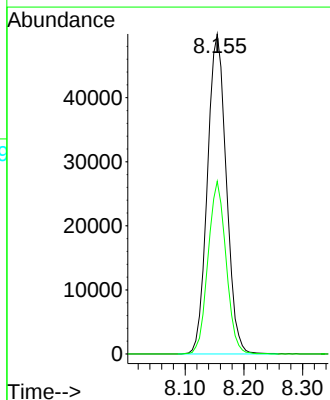
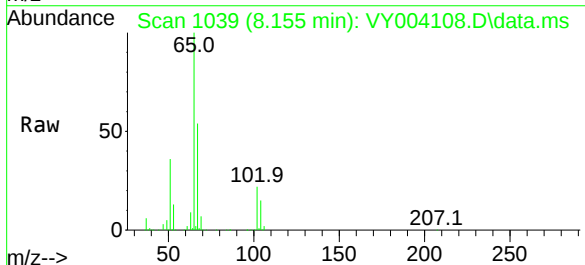


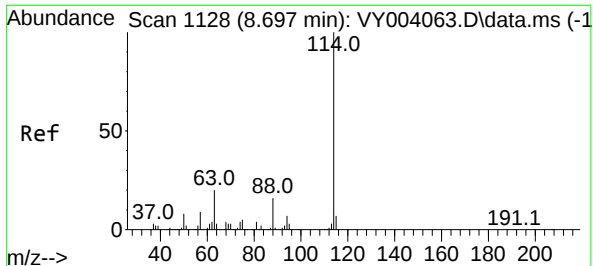
Tgt Ion: 56 Resp: 3944
Ion Ratio Lower Upper
56 100
69 139.7 25.3 37.9#
84 153.2 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 59.09 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion: 65 Resp: 111426
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4

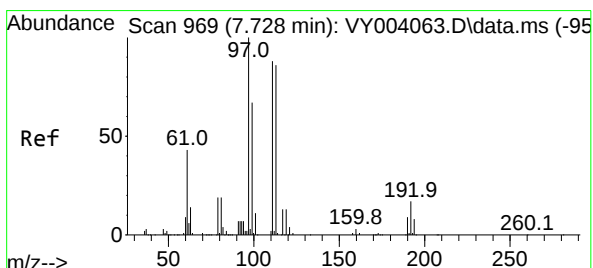
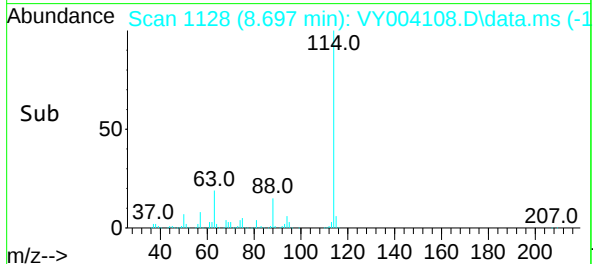
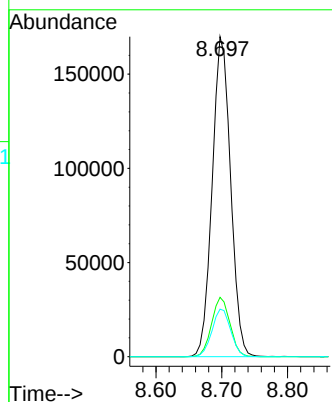
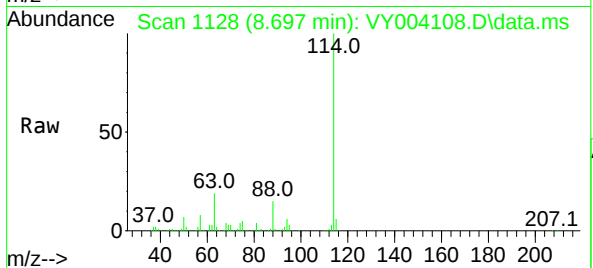




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

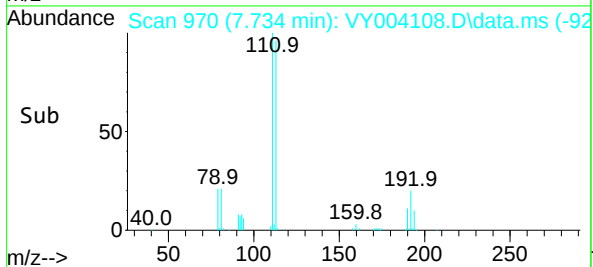
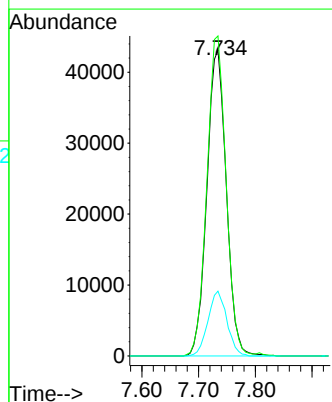
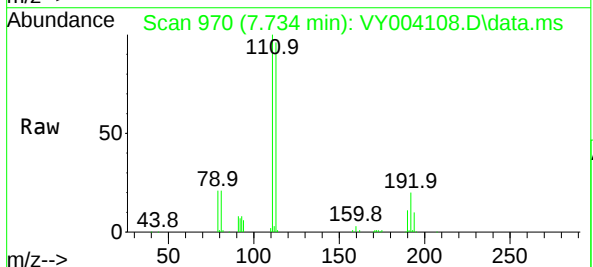
Instrument :
MSVOA_Y
ClientSampled :

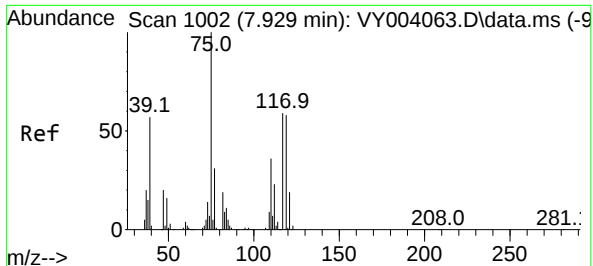
Tgt Ion:114 Resp: 330887
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 14.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 55.07 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion:113 Resp: 102748
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 20.6 18.5 27.7

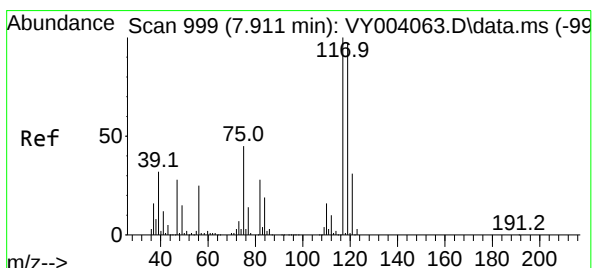
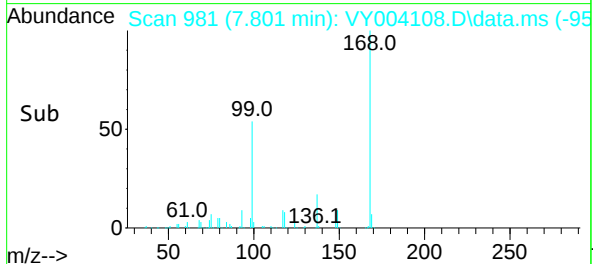
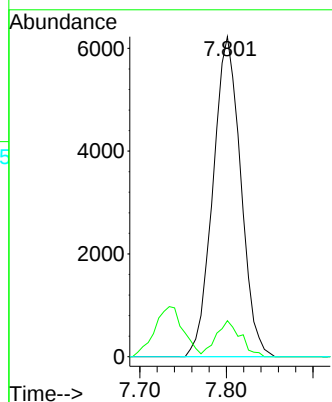
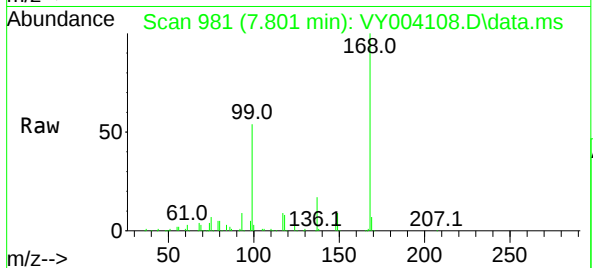




#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

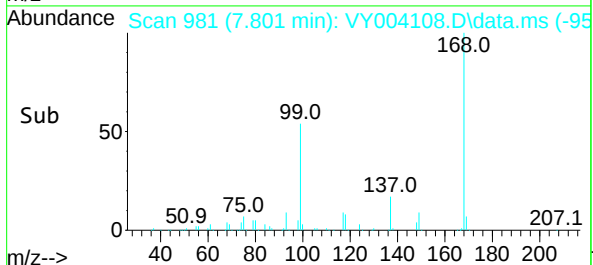
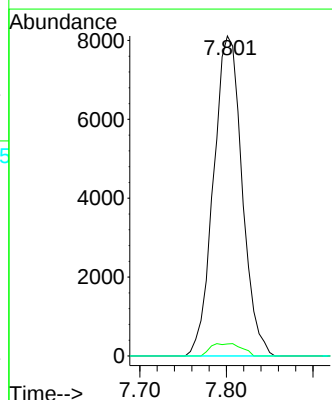
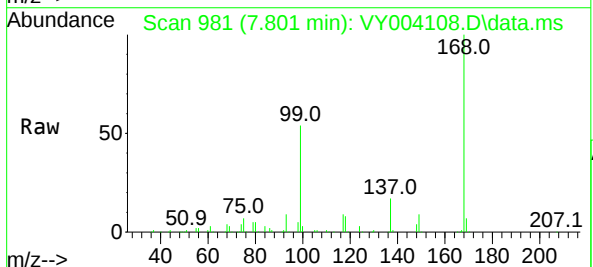
Instrument :
MSVOA_Y
ClientSampled :

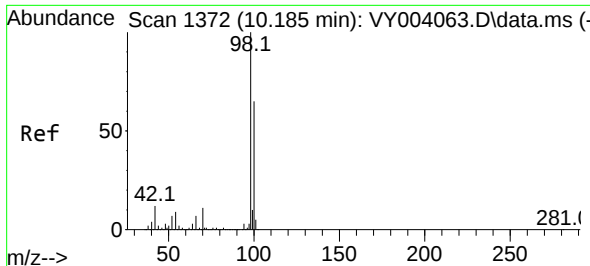
Tgt Ion: 75 Resp: 13842
Ion Ratio Lower Upper
75 100
110 10.0 17.4 52.3#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.03 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion: 117 Resp: 18600
Ion Ratio Lower Upper
117 100
119 3.7 75.4 113.0#
121 0.0 24.2 36.2#

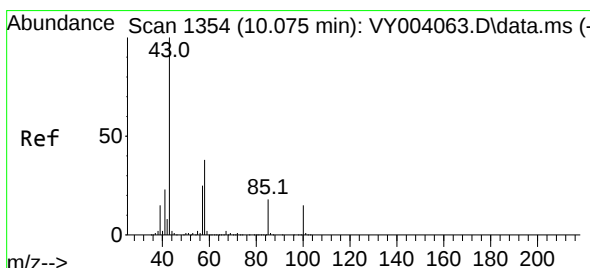
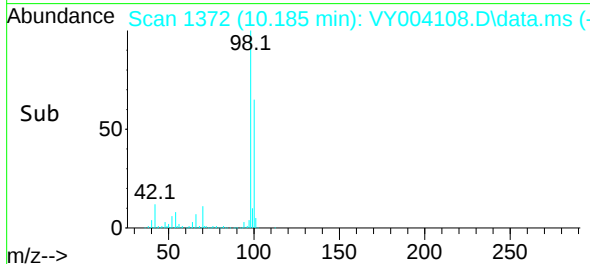
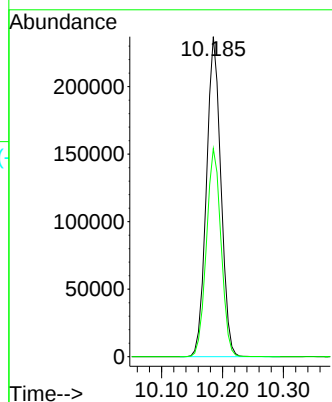
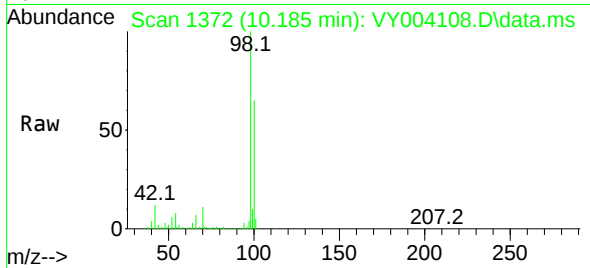




#50
Toluene-d8
Concen: 53.50 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

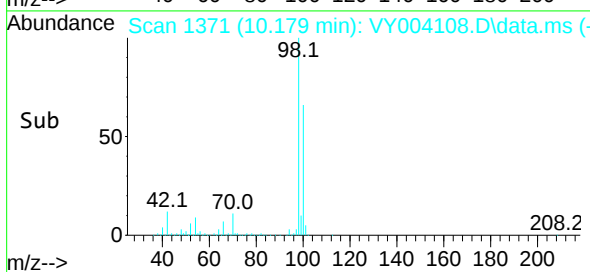
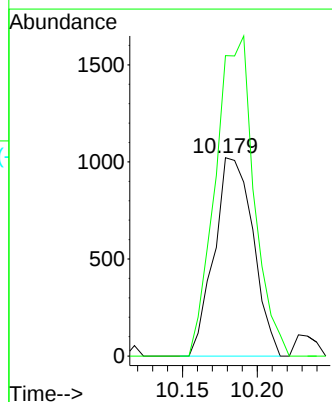
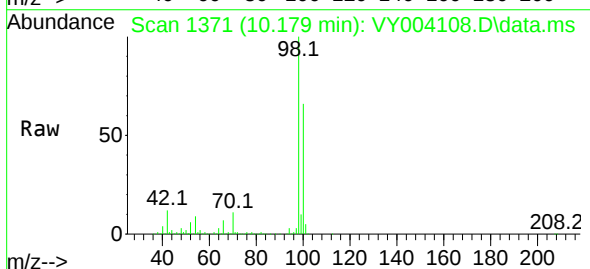
Instrument :
MSVOA_Y
ClientSampled :

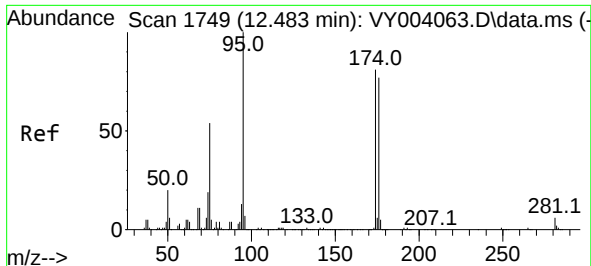
Tgt Ion: 98 Resp: 391386
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.16 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion: 43 Resp: 1847
Ion Ratio Lower Upper
43 100
58 159.9 29.8 44.8#

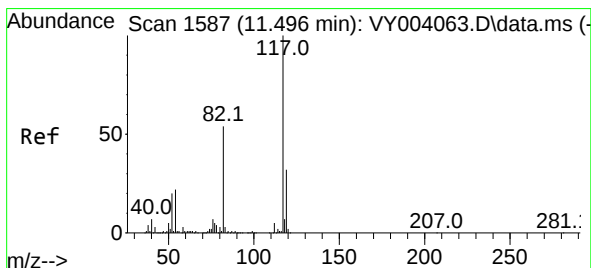
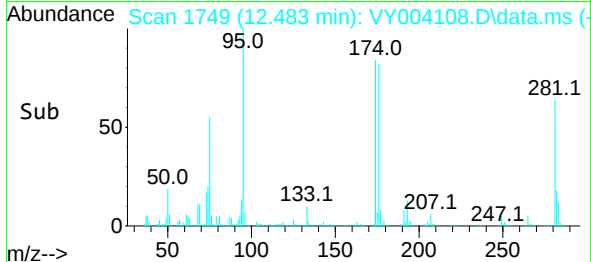
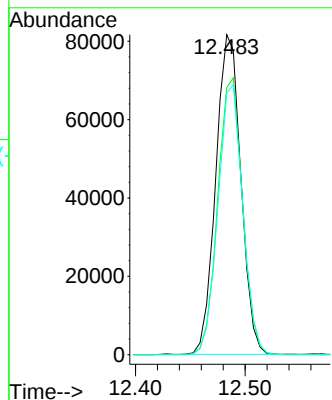
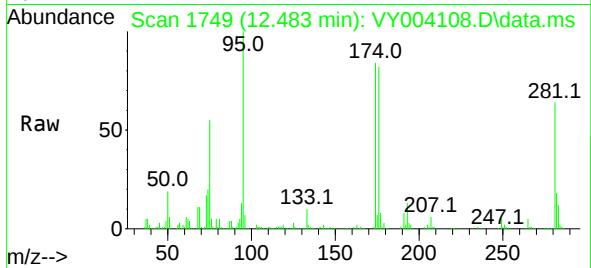




#62
4-Bromofluorobenzene
Concen: 47.94 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

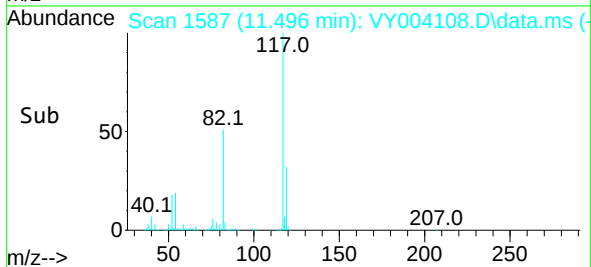
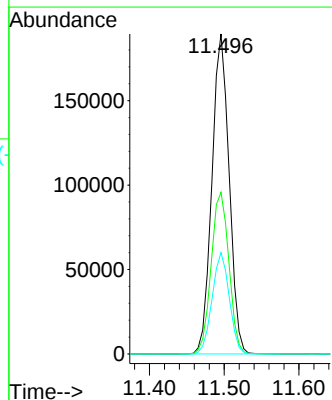
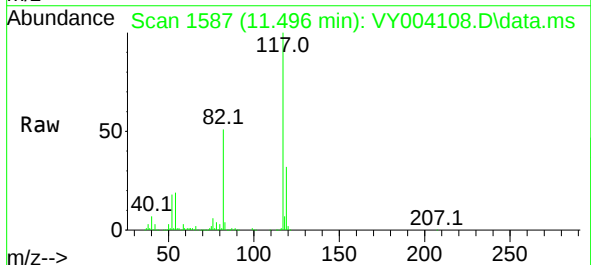
Instrument :
MSVOA_Y
ClientSampled :

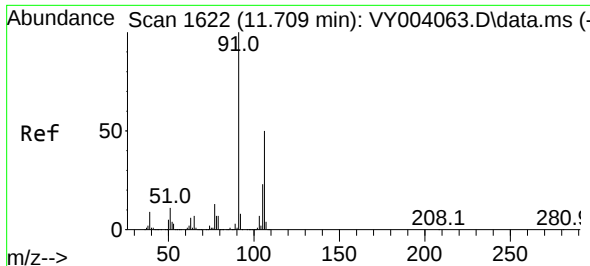
Tgt Ion: 95 Resp: 129532
Ion Ratio Lower Upper
95 100
174 85.9 0.0 179.0
176 83.6 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion: 117 Resp: 303028
Ion Ratio Lower Upper
117 100
82 50.6 43.8 65.6
119 31.7 26.2 39.2

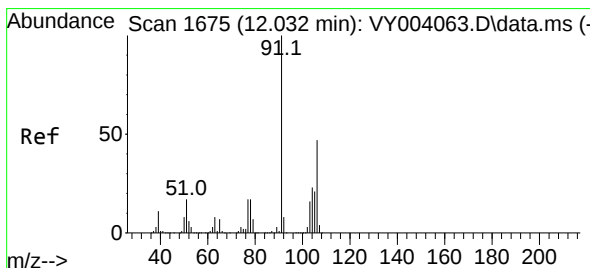
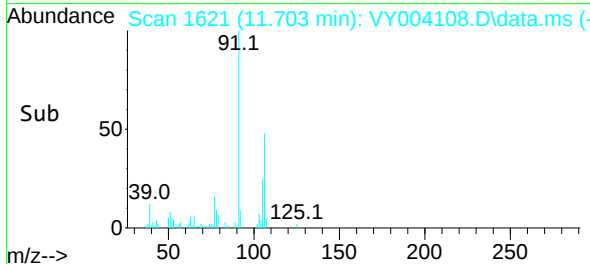
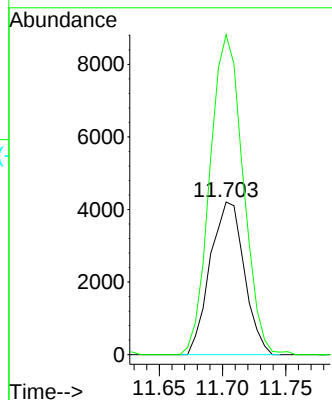
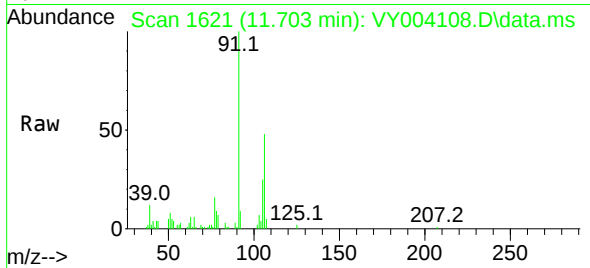




#68
m/p-Xylenes
Concen: 1.94 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

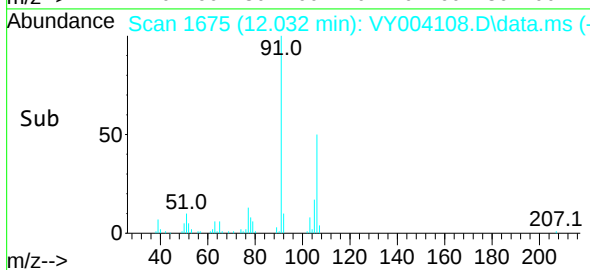
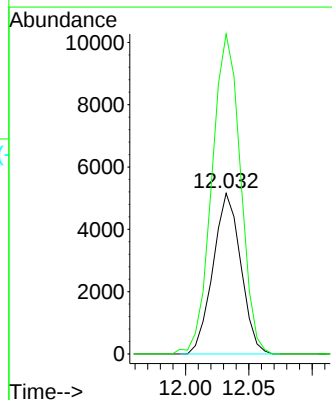
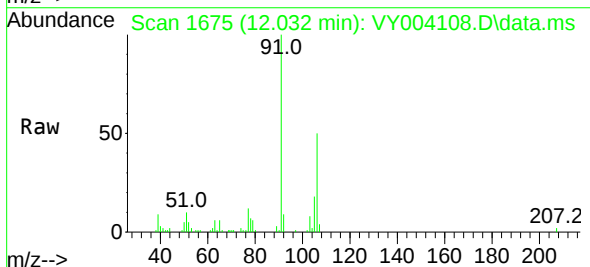
Instrument :
MSVOA_Y
ClientSampled :

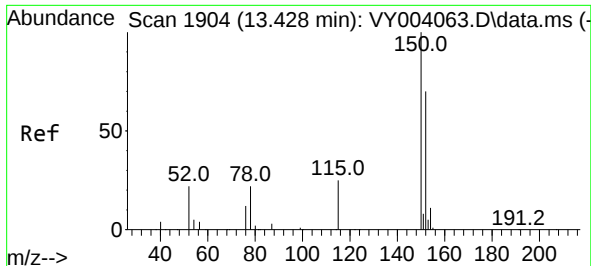
Tgt Ion:106 Resp: 7870
Ion Ratio Lower Upper
106 100
91 204.6 165.4 248.0



#69
o-Xylene
Concen: 2.04 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

Tgt Ion:106 Resp: 7859
Ion Ratio Lower Upper
106 100
91 204.6 108.9 326.7

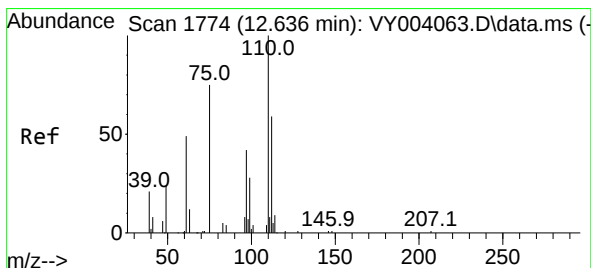
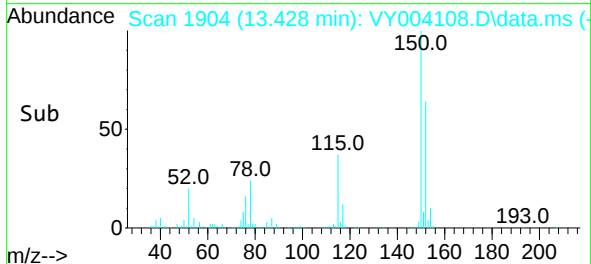
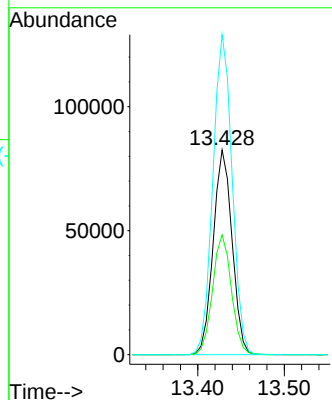
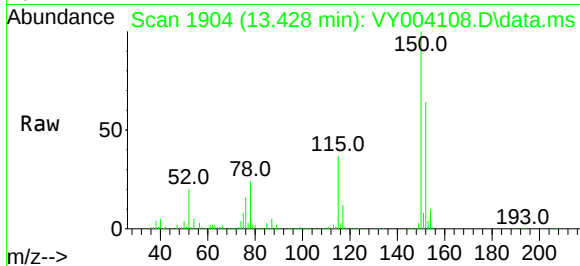




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

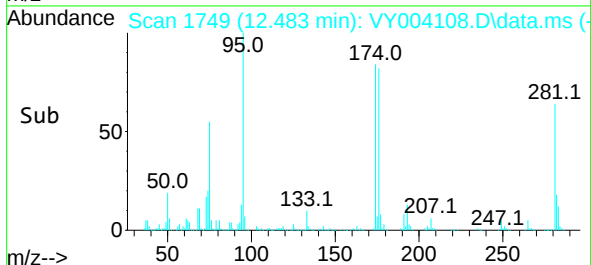
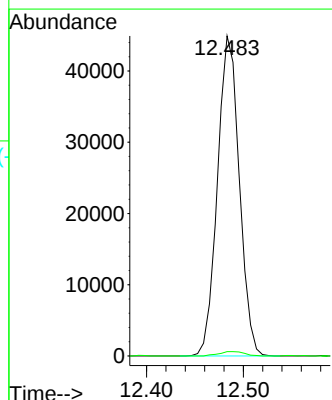
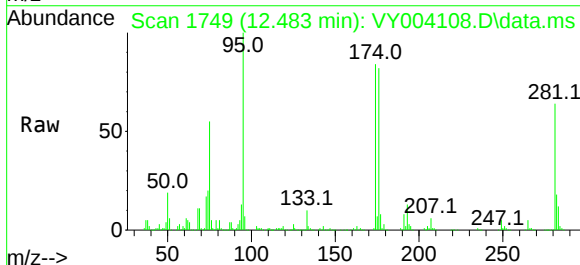
Instrument :
MSVOA_Y
ClientSampled :

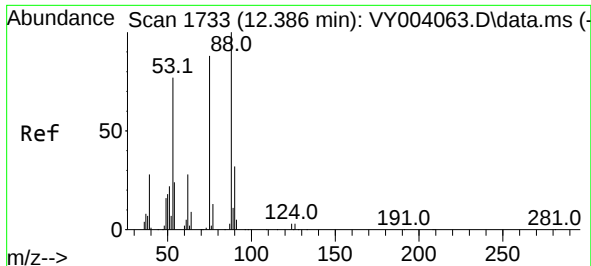
Tgt Ion:152 Resp: 125000
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.6
150 159.1 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 58.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

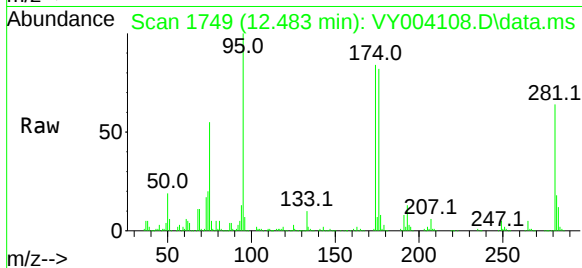
Tgt Ion: 75 Resp: 70416
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



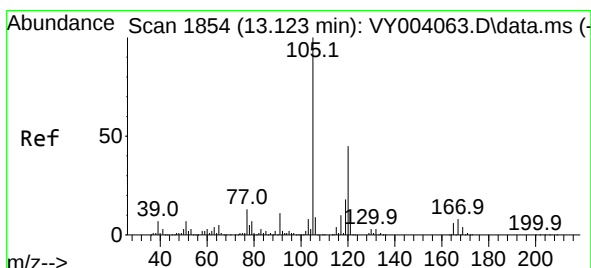
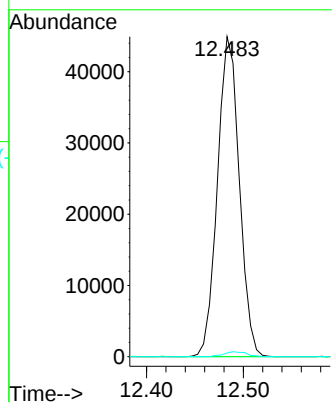
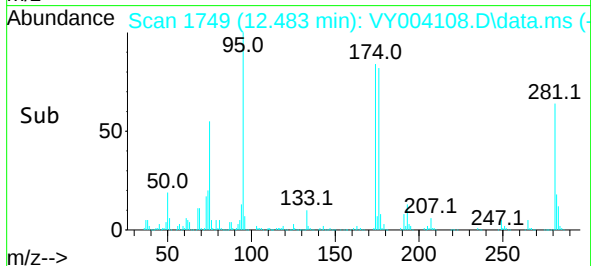


#81
trans-1,4-Dichloro-2-butene
Concen: 115.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07

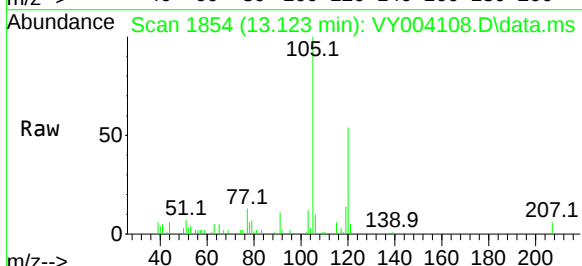
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 70416
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 1.6 35.7 53.5#



#84
1,2,4-Trimethylbenzene
Concen: 1.02 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004108.D
Acq: 17 Mar 2021 17:07



Tgt Ion: 105 Resp: 7552
Ion Ratio Lower Upper
105 100
120 49.6 22.1 66.3

