

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042721\
 Data File : VY004649.D
 Acq On : 27 Apr 2021 12:27
 Operator : SY/MD
 Sample : M2187-04
 Misc : 5.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 28 10:02:54 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)

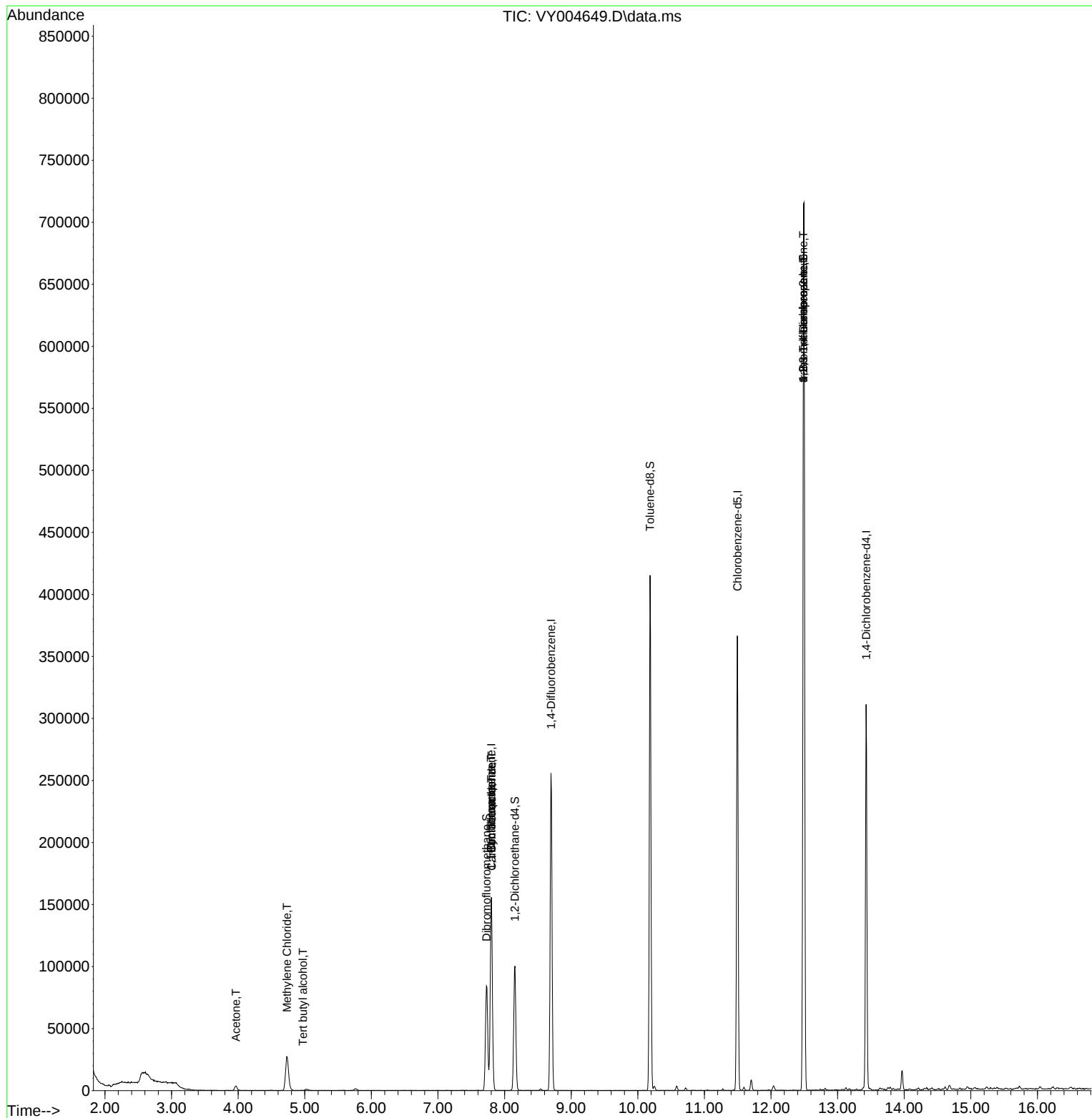
Internal Standards						
1) Pentafluorobenzene	7.801	168	113879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	184781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72655	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	77251	61.06	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.12%			
35) Dibromofluoromethane	7.728	113	59519	52.06	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.12%			
50) Toluene-d8	10.185	98	250446	51.50	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.00%			
62) 4-Bromofluorobenzene	12.483	95	80802	48.96	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.92%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	154	1.24	ug/l #	73
16) Acetone	3.966	43	6415	5.04	ug/l	95
20) Methylene Chloride	4.735	84	19402	15.88	ug/l	96
31) Cyclohexane	7.801	56	3016	1.30	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	9569	4.67	ug/l #	51
38) Carbon Tetrachloride	7.807	117	11611	6.56	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	50306	64.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50306	115.41	ug/l #	13

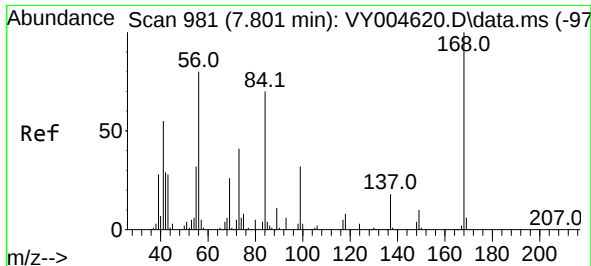
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

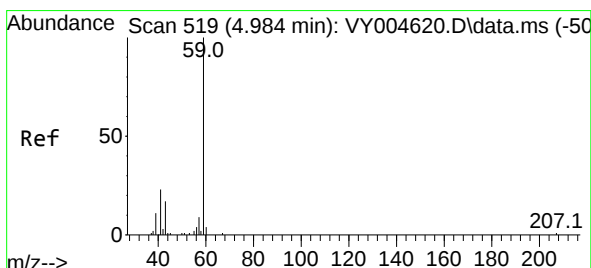
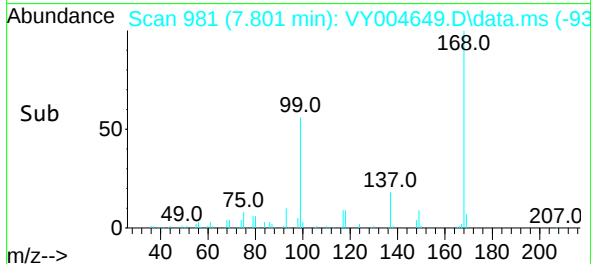
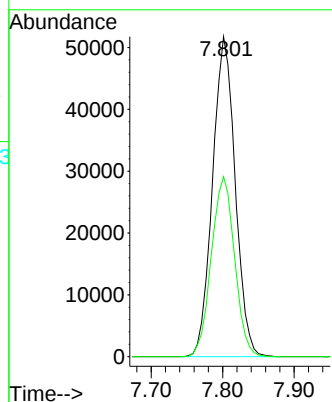
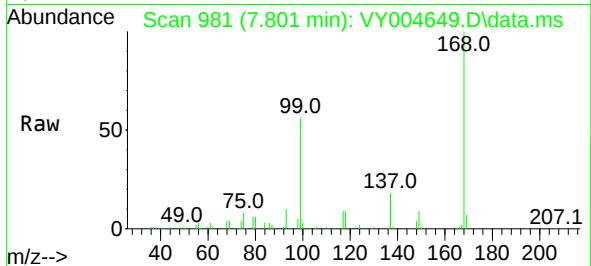




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27

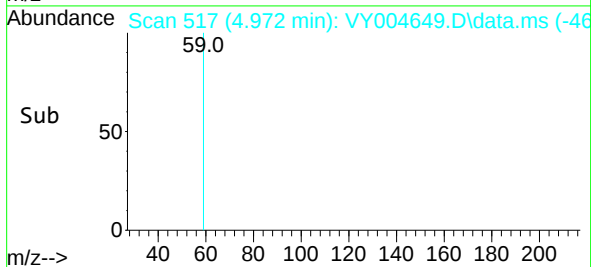
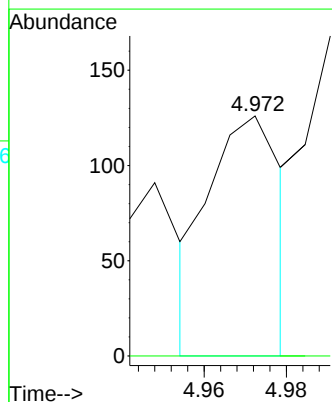
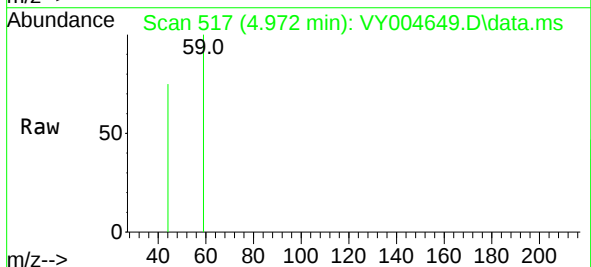
Instrument :
MSVOA_Y
ClientSampleId :

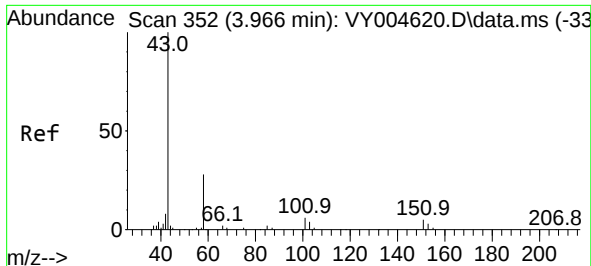
Tgt Ion:168 Resp: 113879
Ion Ratio Lower Upper
168 100
99 56.2 45.5 68.3



#11
Tert butyl alcohol
Concen: 1.24 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27

Tgt Ion: 59 Resp: 154
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

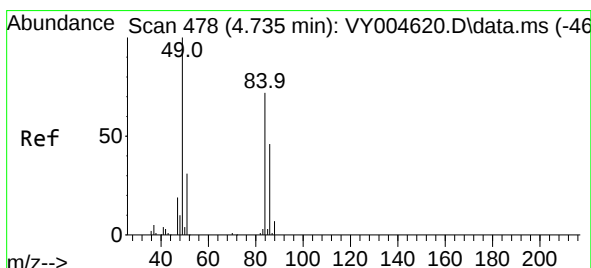
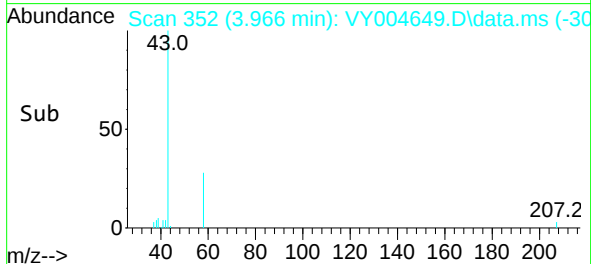
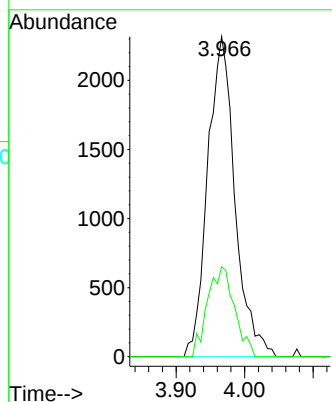
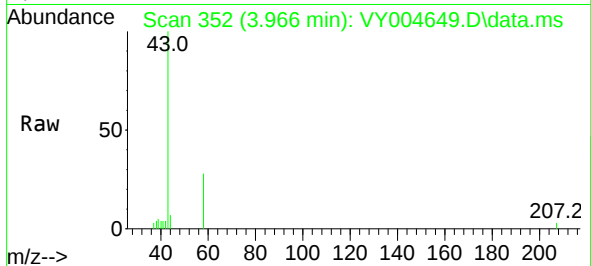




#16
Acetone
Concen: 5.04 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27

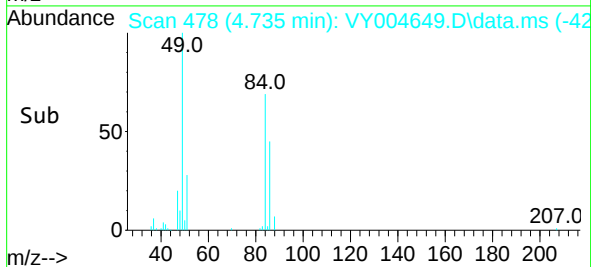
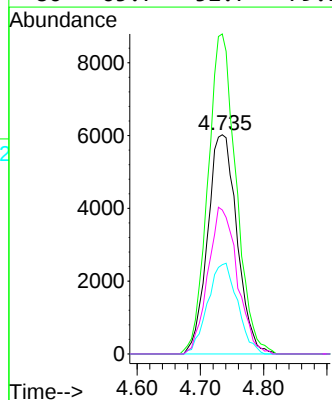
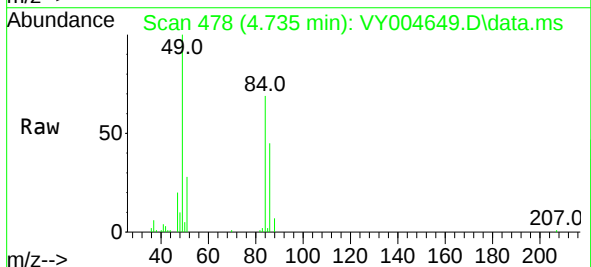
Instrument :
MSVOA_Y
ClientSampled :

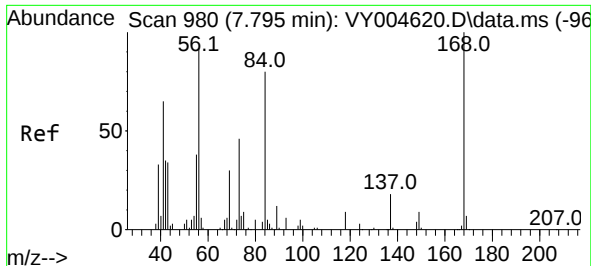
Tgt Ion: 43 Resp: 6415
Ion Ratio Lower Upper
43 100
58 28.1 24.6 37.0



#20
Methylene Chloride
Concen: 15.88 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27

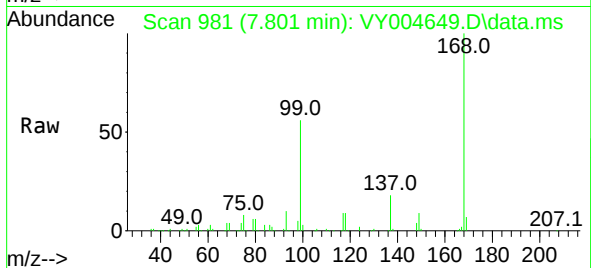
Tgt Ion: 84 Resp: 19402
Ion Ratio Lower Upper
84 100
49 145.9 111.2 166.8
51 40.7 33.4 50.2
86 65.7 52.7 79.1



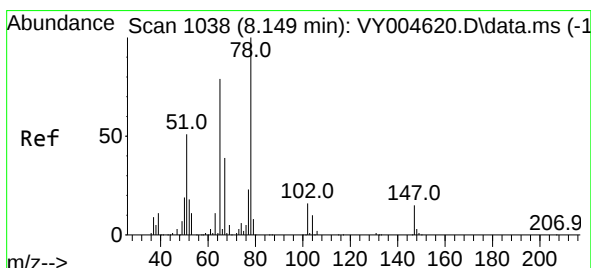
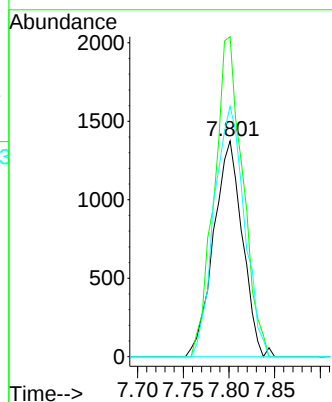
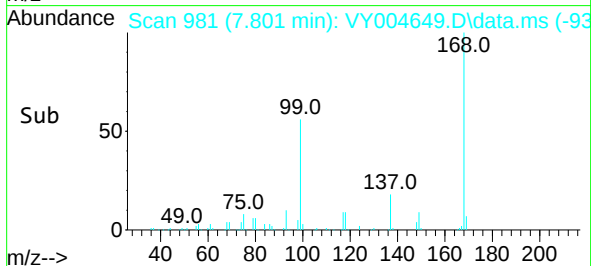


#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27

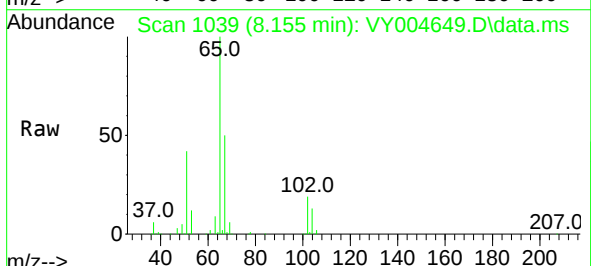
Instrument :
MSVOA_Y
ClientSampled :



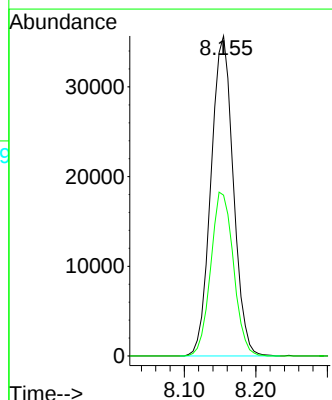
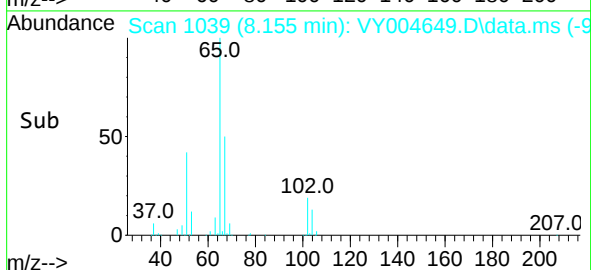
Tgt Ion: 56 Resp: 3016
Ion Ratio Lower Upper
56 100
69 148.4 25.8 38.6#
84 116.1 68.2 102.4#

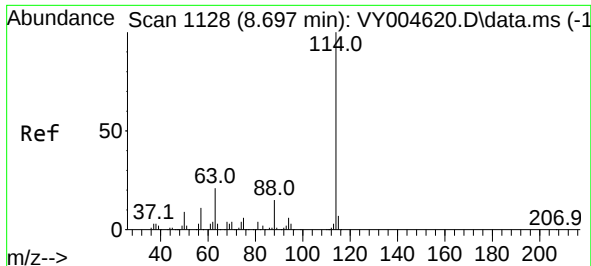


#33
1,2-Dichloroethane-d4
Concen: 61.06 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27



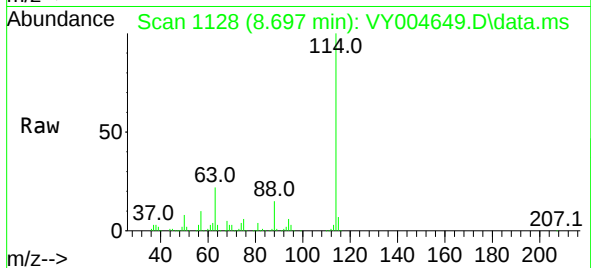
Tgt Ion: 65 Resp: 77251
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.4



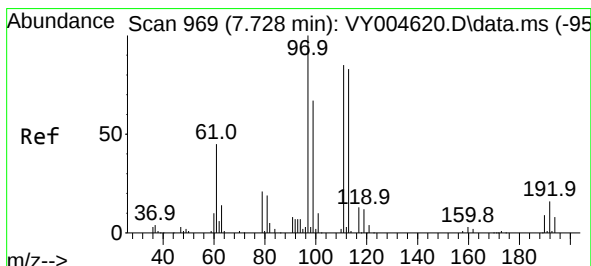
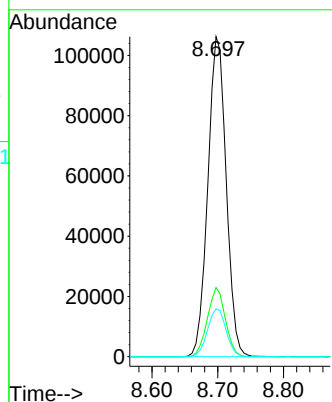
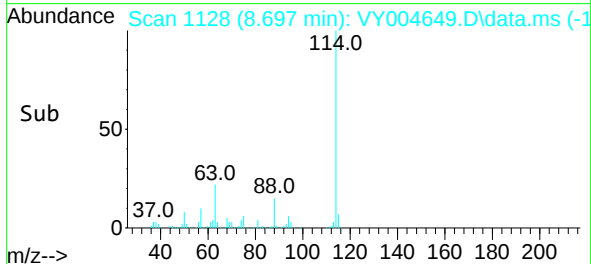


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27

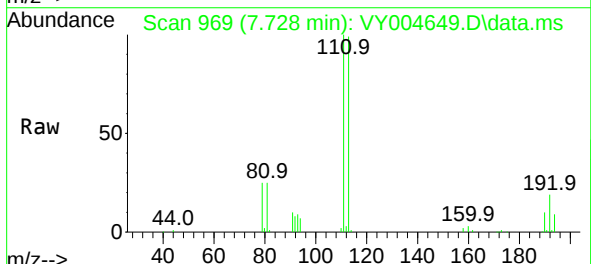
Instrument :
MSVOA_Y
ClientSampled :



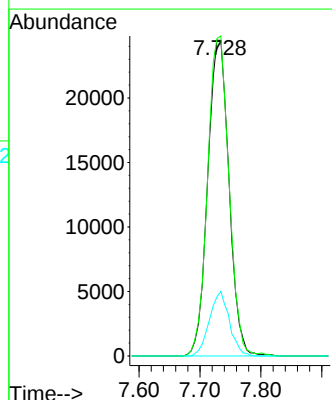
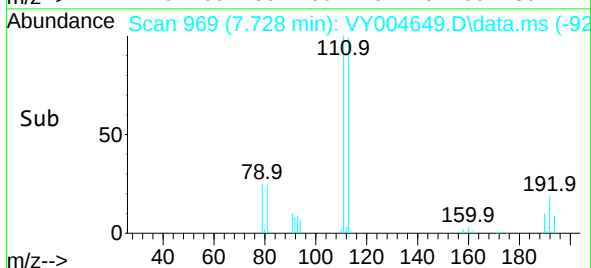
Tgt Ion:114 Resp: 206009
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.4
88 15.0 0.0 30.8

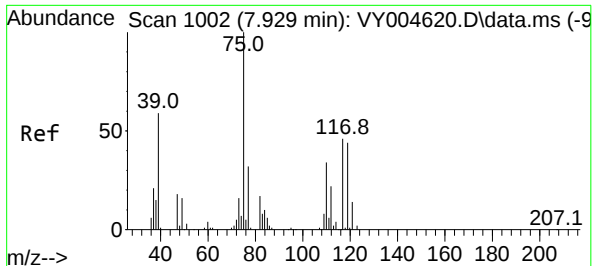


#35
Dibromofluoromethane
Concen: 52.06 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27



Tgt Ion:113 Resp: 59519
Ion Ratio Lower Upper
113 100
111 101.6 82.6 123.8
192 19.1 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.67 ug/l

RT: 7.795 min Scan# 980

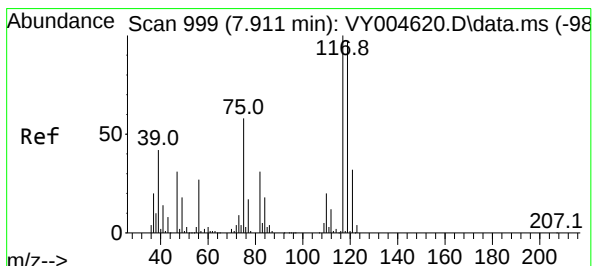
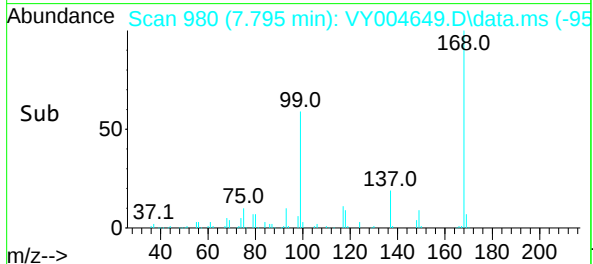
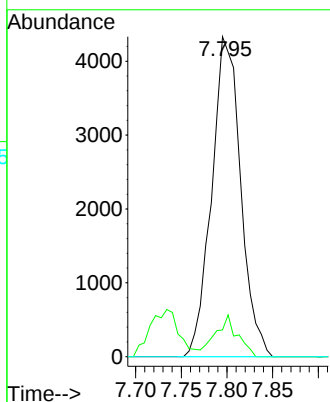
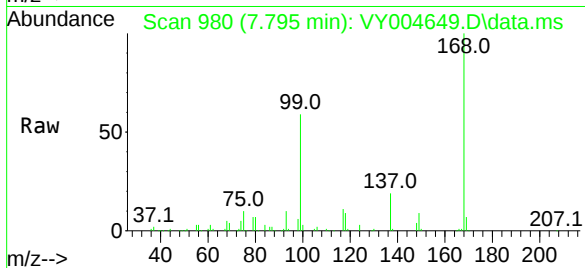
Delta R.T. -0.134 min

Lab File: VY004649.D

Acq: 27 Apr 2021 12:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75	Resp: 9569
Ion Ratio	Lower Upper
75 100	
110 9.7	17.3 51.7#
77 0.0	24.3 36.5#



#38

Carbon Tetrachloride

Concen: 6.56 ug/l

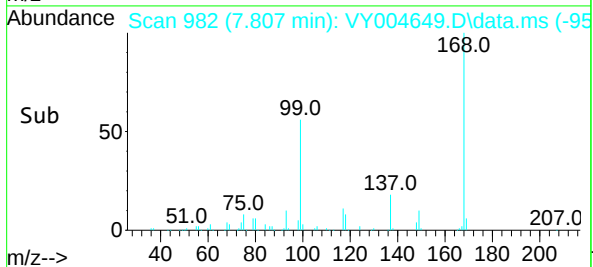
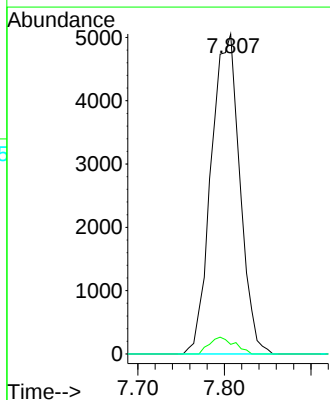
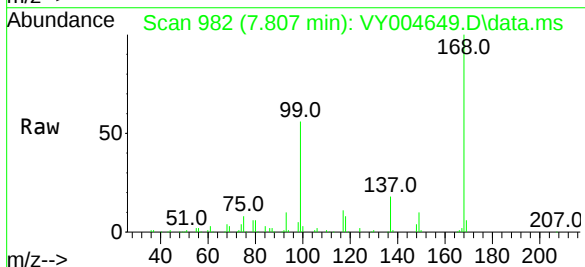
RT: 7.807 min Scan# 982

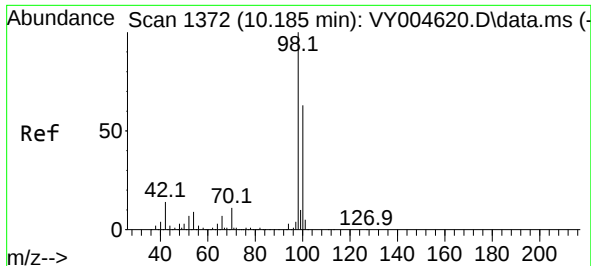
Delta R.T. -0.103 min

Lab File: VY004649.D

Acq: 27 Apr 2021 12:27

Tgt Ion: 117	Resp: 11611
Ion Ratio	Lower Upper
117 100	
119 3.0	75.8 113.8#
121 0.0	25.3 37.9#

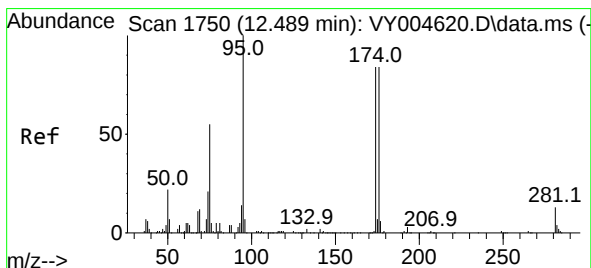
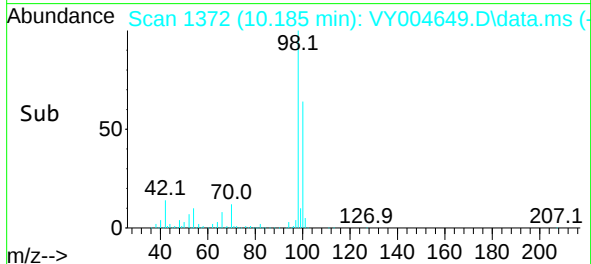
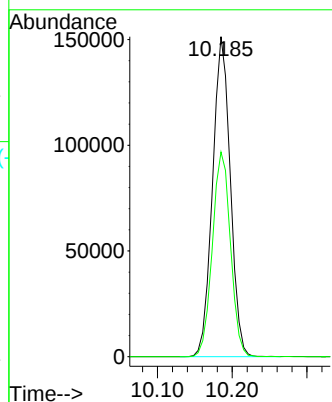
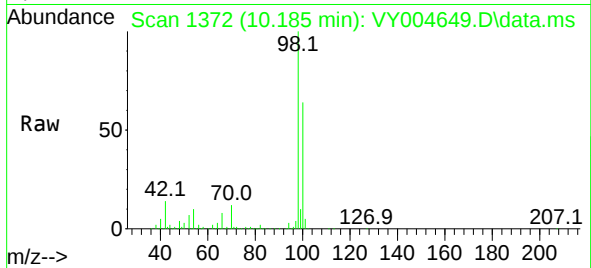




#50
Toluene-d8
Concen: 51.50 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27

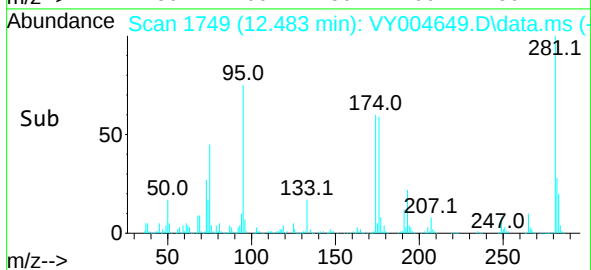
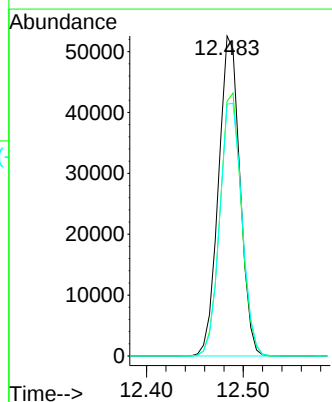
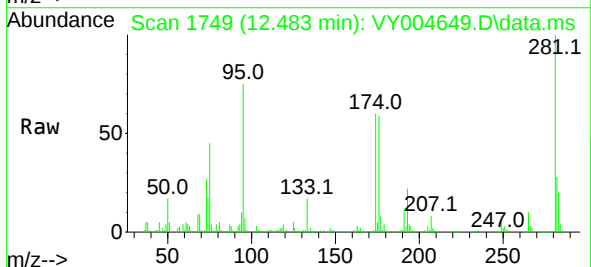
Instrument :
MSVOA_Y
ClientSampled :

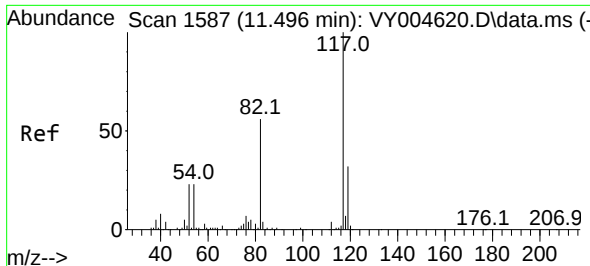
Tgt Ion: 98 Resp: 250446
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 48.96 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27

Tgt Ion: 95 Resp: 80802
Ion Ratio Lower Upper
95 100
174 82.1 0.0 162.4
176 82.1 0.0 156.0

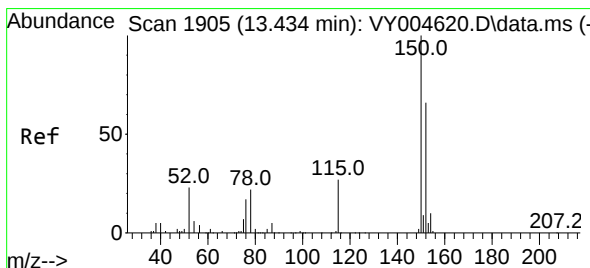
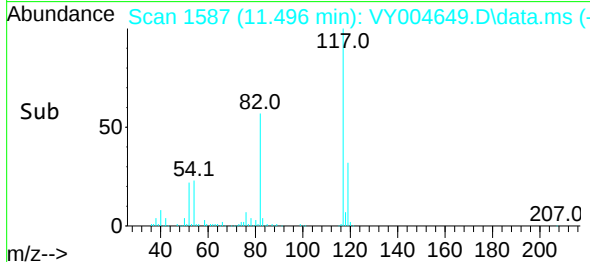
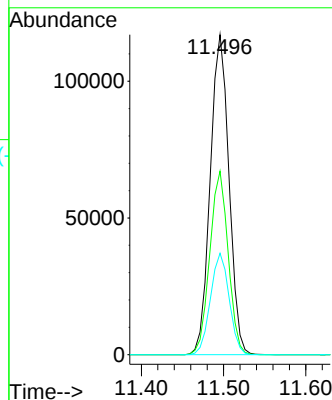
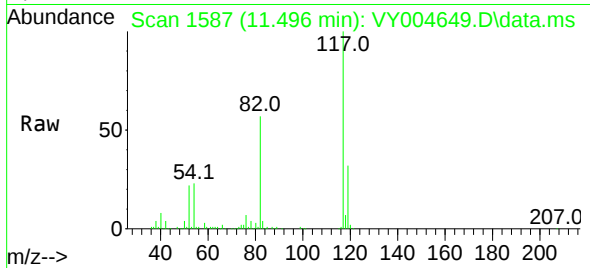




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27

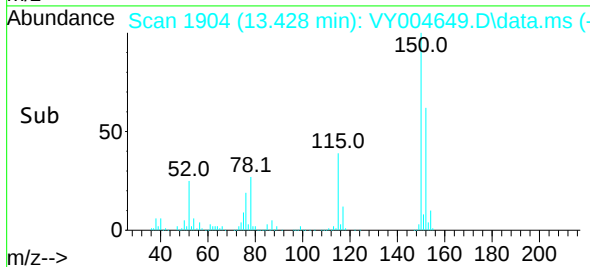
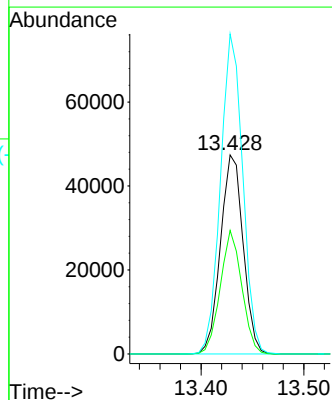
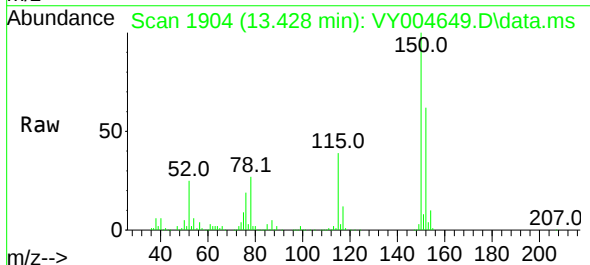
Instrument :
MSVOA_Y
ClientSampleId :

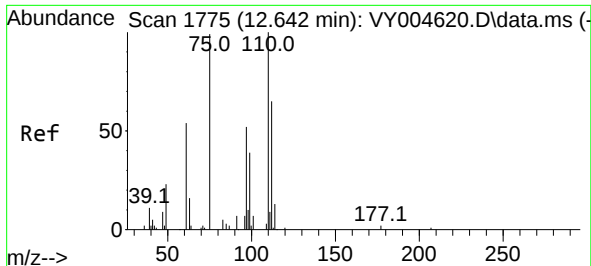
Tgt Ion:117 Resp: 184781
Ion Ratio Lower Upper
117 100
82 57.3 44.9 67.3
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27

Tgt Ion:152 Resp: 72655
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.8
150 157.3 0.0 348.4

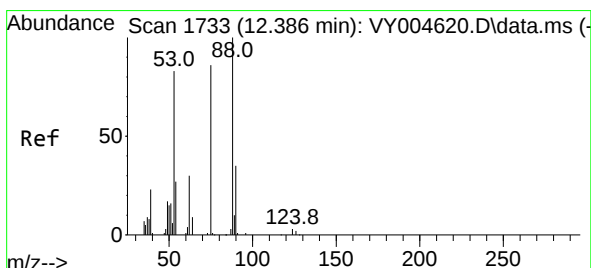
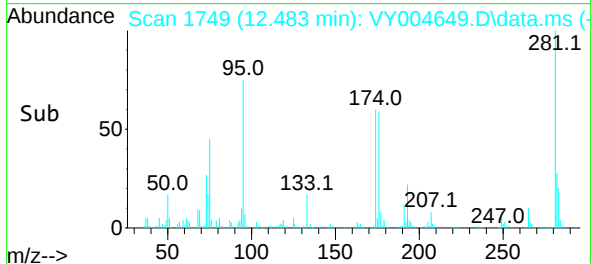
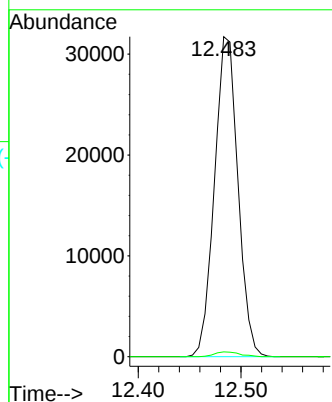
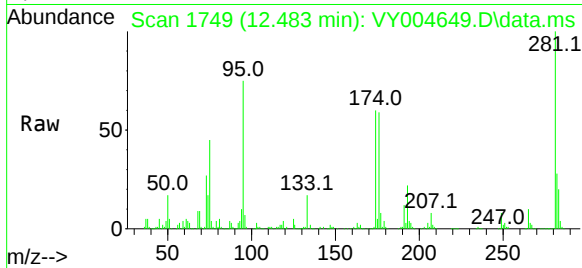




#76
1,2,3-Trichloropropane
Concen: 64.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50306
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.41 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004649.D
Acq: 27 Apr 2021 12:27

Tgt Ion: 75 Resp: 50306
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 3.0 36.1 54.1#

