

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003974.D
 Acq On : 03 Feb 2021 20:58
 Operator : SY/MD
 Sample : M1291-10
 Misc : 8.29g/5mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 01:23:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

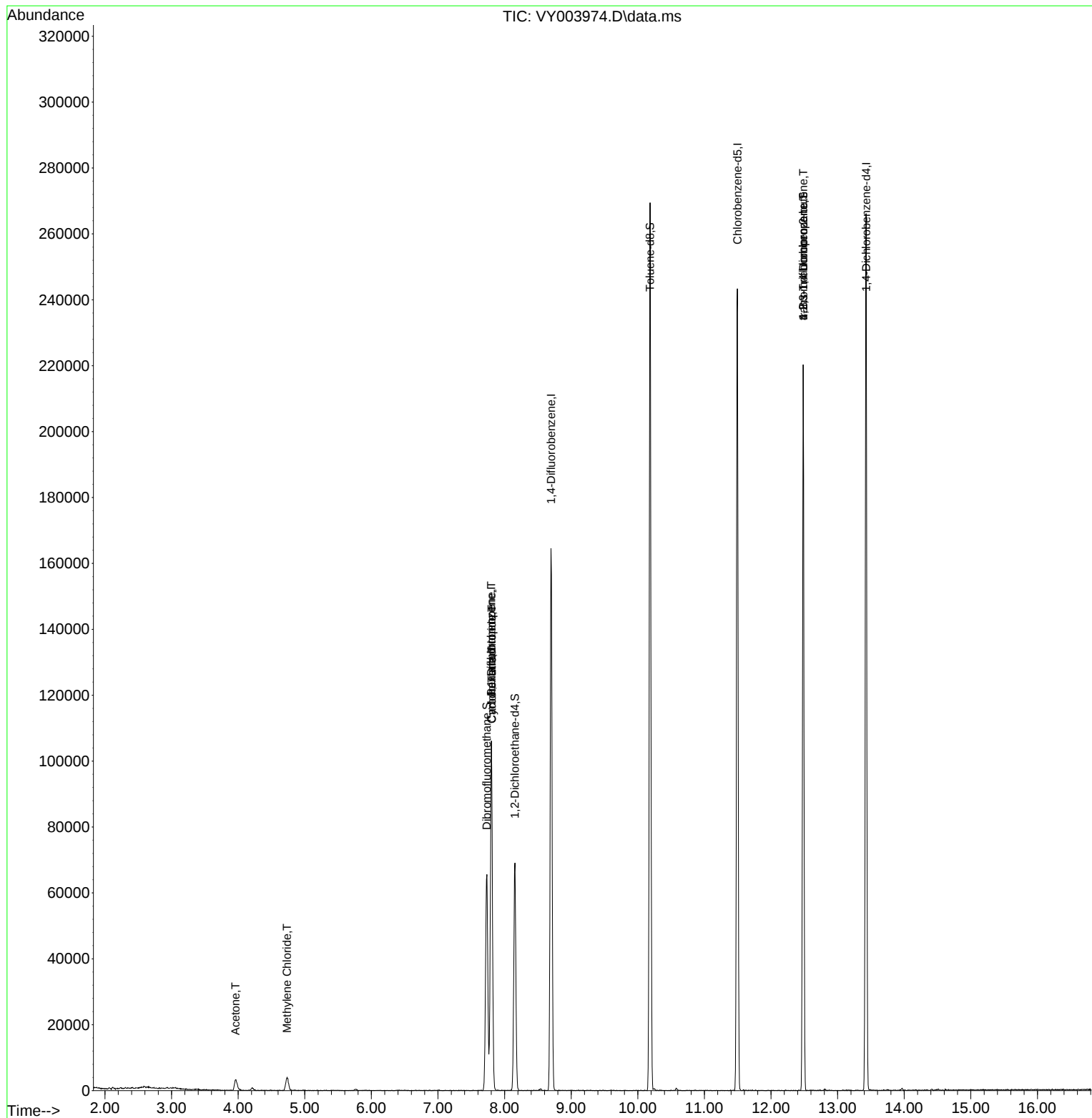
Internal Standards						
1) Pentafluorobenzene	7.801	168	81747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	136770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	130795	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	56040	62.34	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.68%			
35) Dibromofluoromethane	7.734	113	44941	56.20	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.40%			
50) Toluene-d8	10.185	98	166087	52.92	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.84%			
62) 4-Bromofluorobenzene	12.483	95	63154	55.21	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.42%			
Target Compounds						
11) Tert butyl alcohol	4.984	59	111	Below Cal	#	77
16) Acetone	3.960	43	6445	29.21	ug/l	99
20) Methylene Chloride	4.734	84	3148	3.36	ug/l #	83
31) Cyclohexane	7.807	56	1518	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	5921	4.28	ug/l #	51
38) Carbon Tetrachloride	7.807	117	8032	5.37	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	33494	49.25	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33494	94.13	ug/l #	11

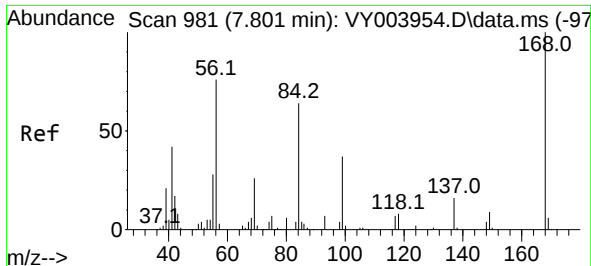
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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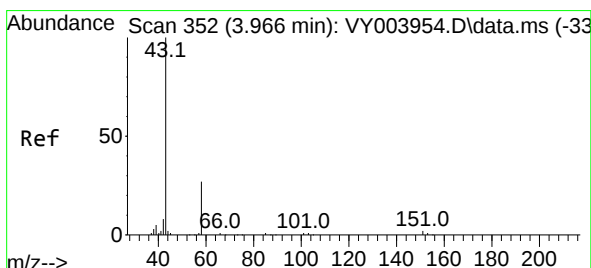
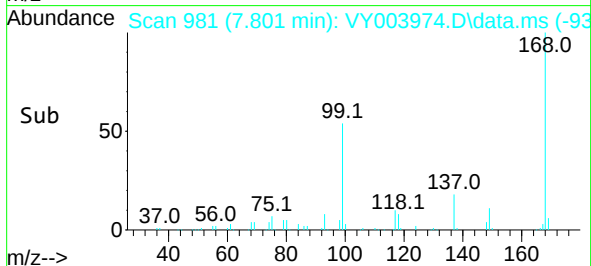
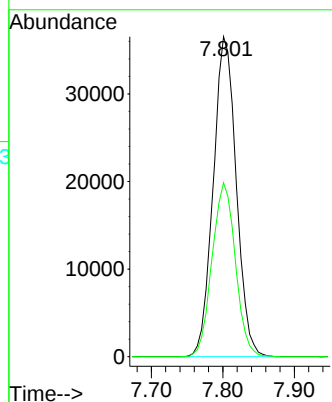
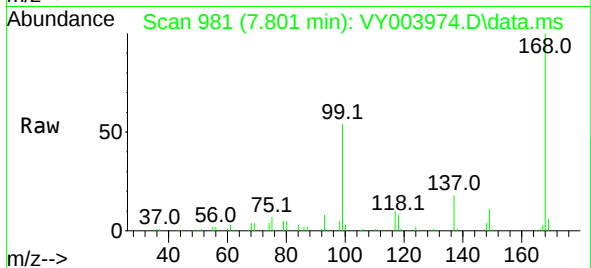




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY003974.D
Acq: 03 Feb 2021 20:58

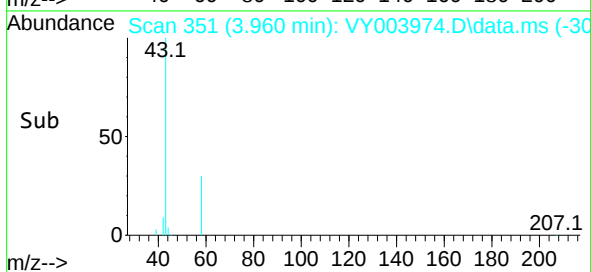
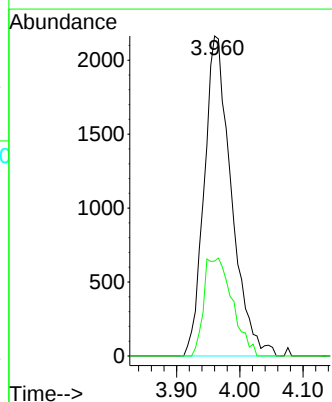
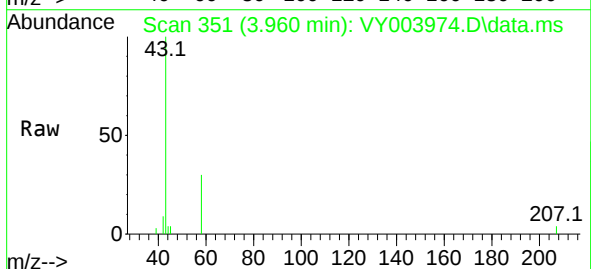
Instrument :
MSVOA_Y
ClientSampleId :

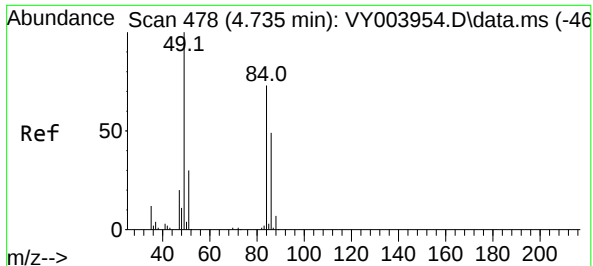
Tgt Ion:168 Resp: 81747
Ion Ratio Lower Upper
168 100
99 54.3 46.1 69.1



#16
Acetone
Concen: 29.21 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY003974.D
Acq: 03 Feb 2021 20:58

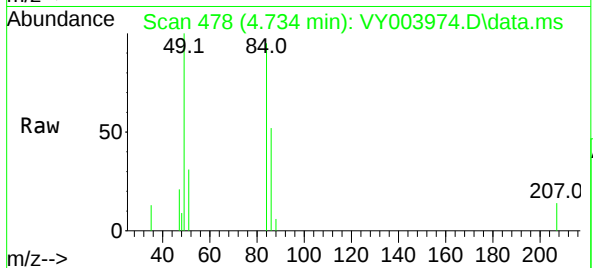
Tgt Ion: 43 Resp: 6445
Ion Ratio Lower Upper
43 100
58 29.7 23.4 35.0



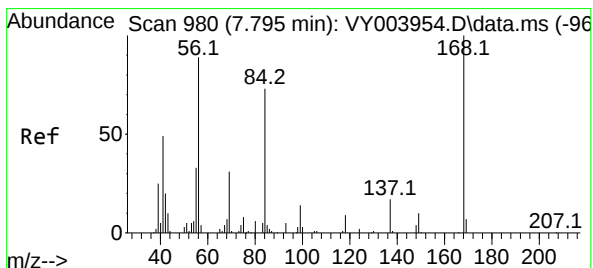
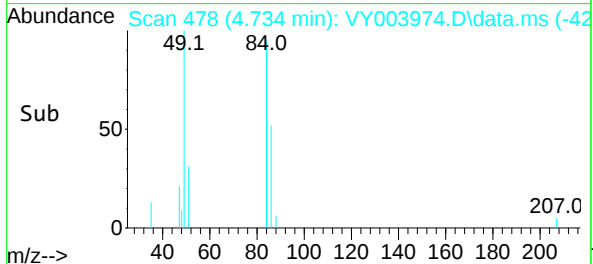
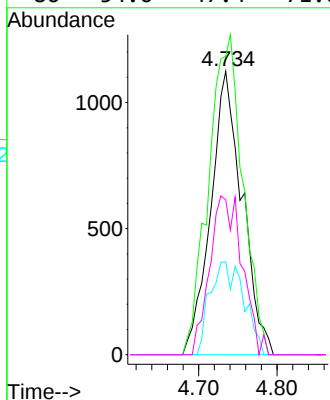


#20
Methylene Chloride
Concen: 3.36 ug/l
RT: 4.734 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY003974.D
Acq: 03 Feb 2021 20:58

Instrument :
MSVOA_Y
ClientSampleId :

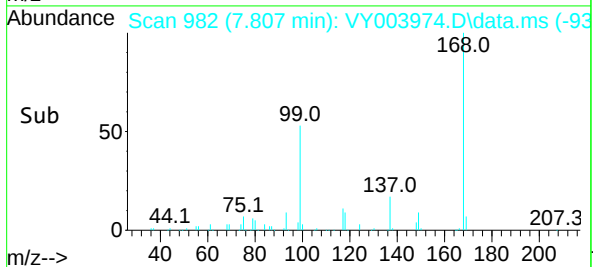
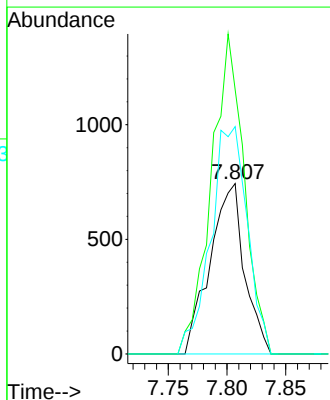
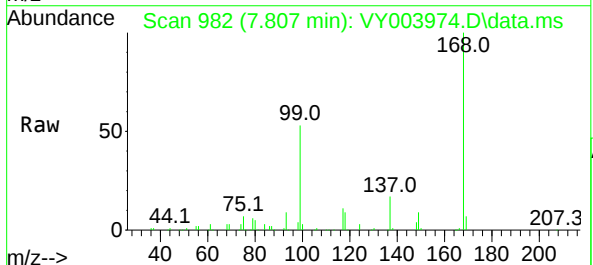


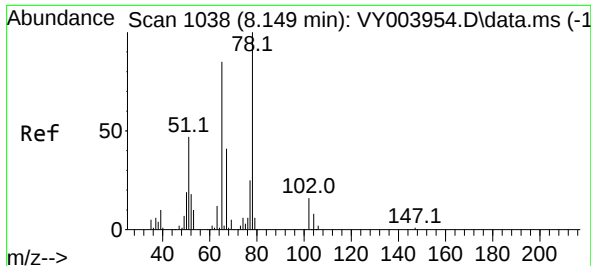
Tgt Ion: 84 Resp: 3148
Ion Ratio Lower Upper
84 100
49 105.2 107.0 160.4#
51 32.7 31.9 47.9
86 54.6 47.4 71.0



#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.012 min
Lab File: VY003974.D
Acq: 03 Feb 2021 20:58

Tgt Ion: 56 Resp: 1518
Ion Ratio Lower Upper
56 100
69 155.2 25.0 37.4#
84 133.5 64.5 96.7#





#33

1,2-Dichloroethane-d4

Concen: 62.34 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY003974.D

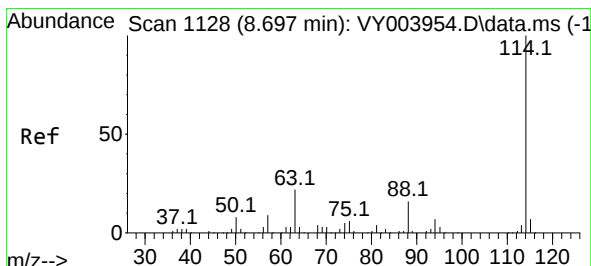
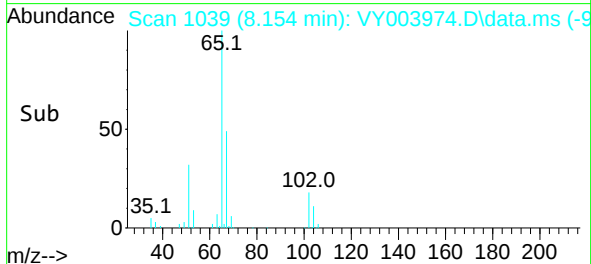
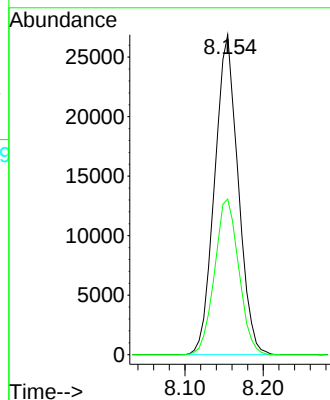
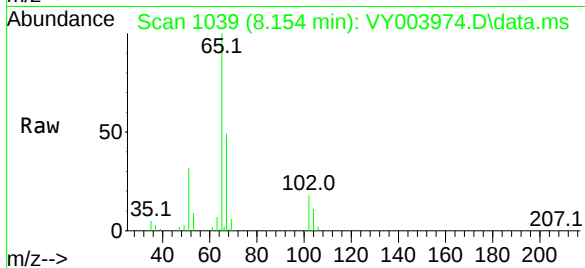
Acq: 03 Feb 2021 20:58

Tgt Ion: 65 Resp: 56040

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY003974.D

Acq: 03 Feb 2021 20:58

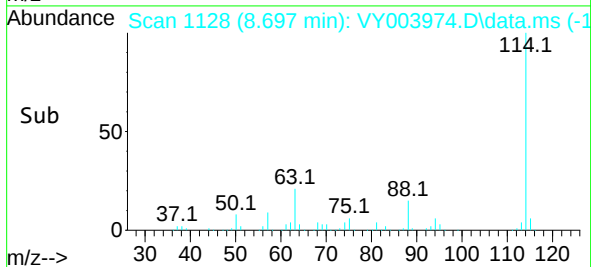
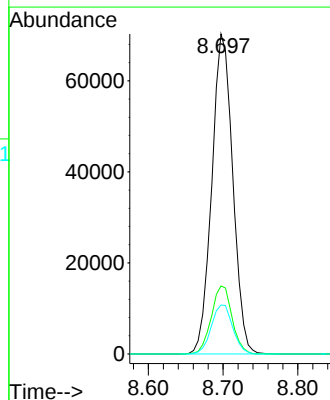
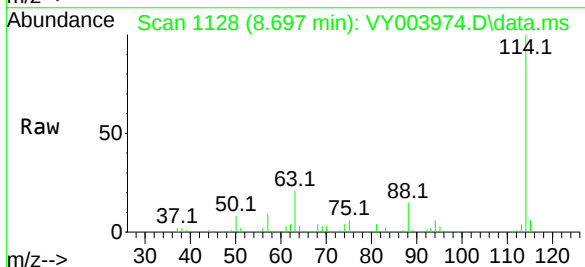
Tgt Ion: 114 Resp: 136770

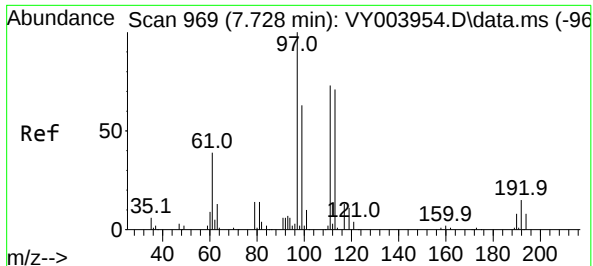
Ion Ratio Lower Upper

114 100

63 21.3 0.0 47.2

88 15.3 0.0 30.2

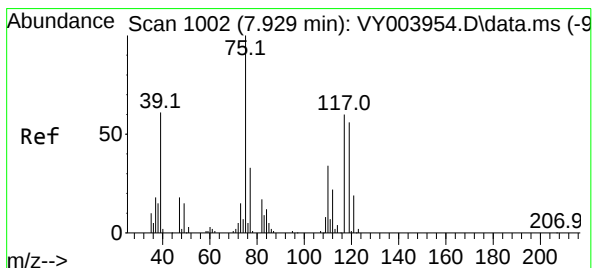
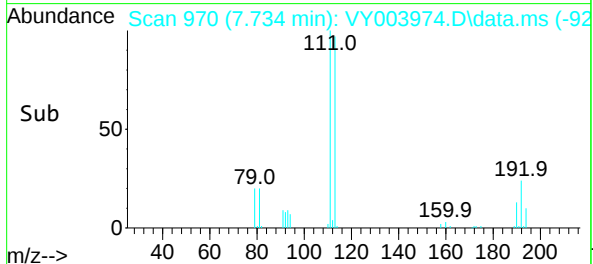
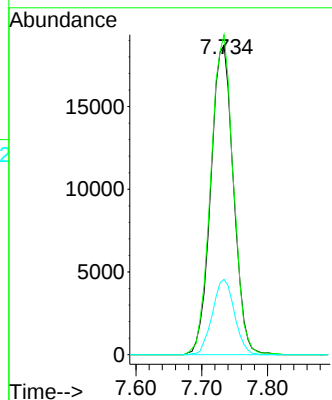
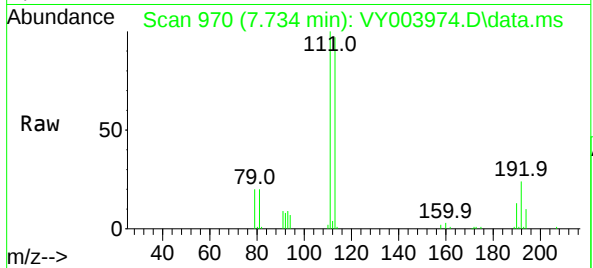




#35
Dibromofluoromethane
Concen: 56.20 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY003974.D
Acq: 03 Feb 2021 20:58

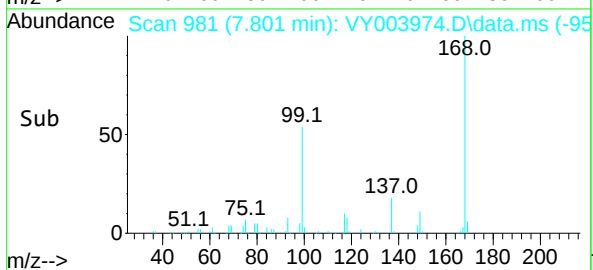
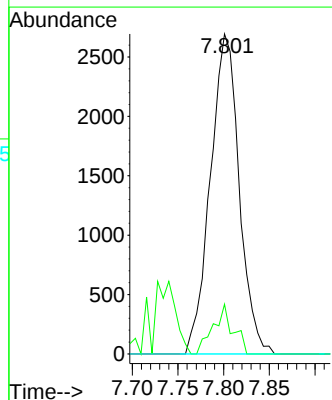
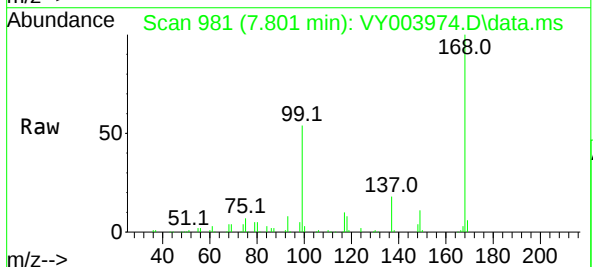
Instrument :
MSVOA_Y
ClientSampleId :

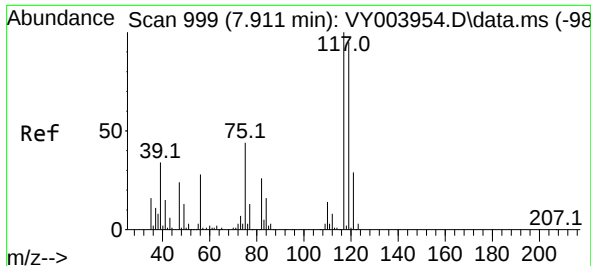
Tgt Ion:113 Resp: 44941
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 23.6 18.3 27.5



#36
1,1-Dichloropropene
Concen: 4.28 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY003974.D
Acq: 03 Feb 2021 20:58

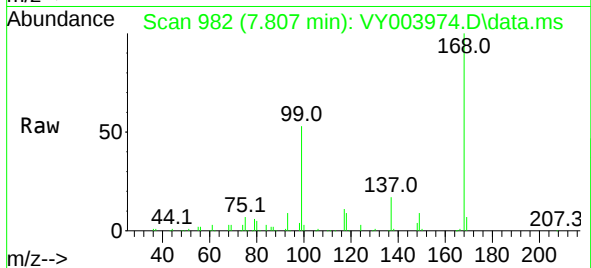
Tgt Ion: 75 Resp: 5921
Ion Ratio Lower Upper
75 100
110 10.7 17.9 53.8#
77 0.0 24.8 37.2#



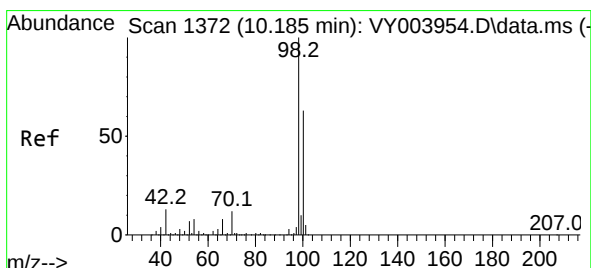
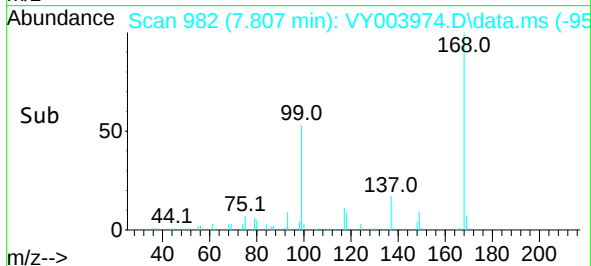
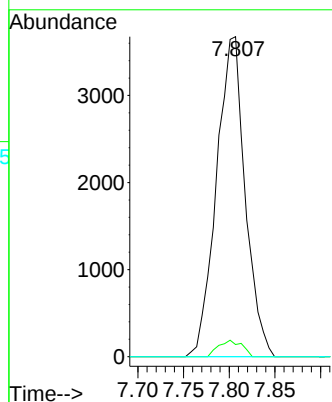


#38
Carbon Tetrachloride
Concen: 5.37 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.104 min
Lab File: VY003974.D
Acq: 03 Feb 2021 20:58

Instrument :
MSVOA_Y
ClientSampleId :

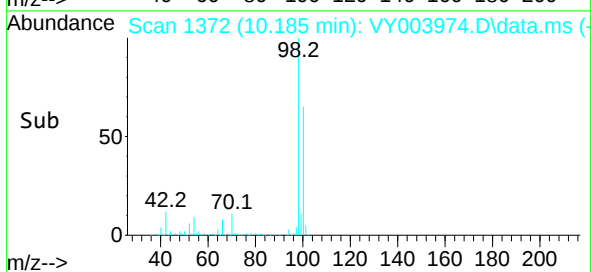
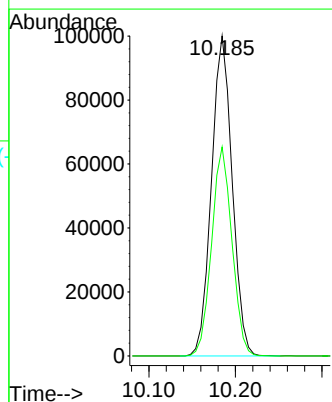
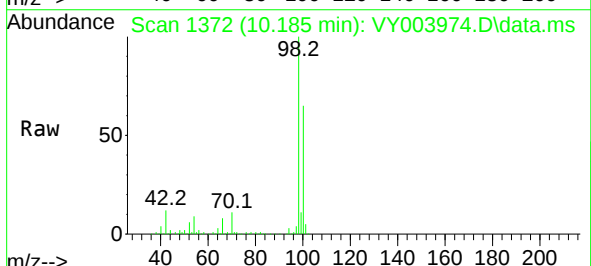


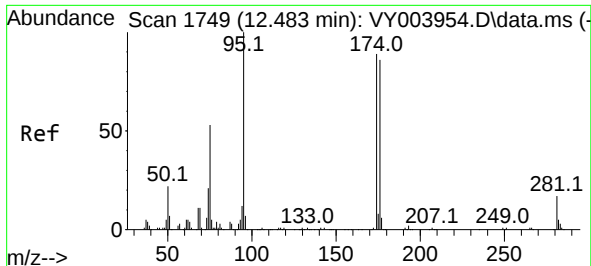
Tgt Ion:117 Resp: 8032
Ion Ratio Lower Upper
117 100
119 3.8 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.92 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY003974.D
Acq: 03 Feb 2021 20:58

Tgt Ion: 98 Resp: 166087
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7

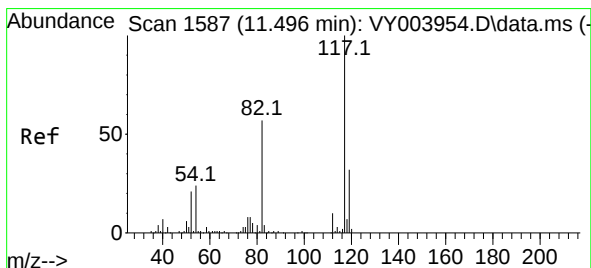
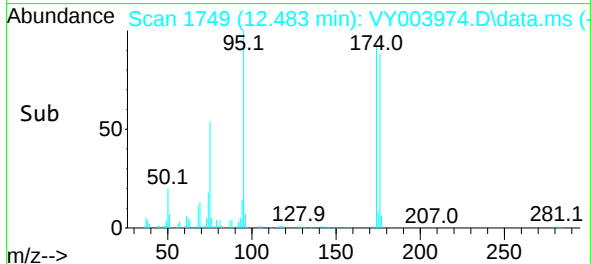
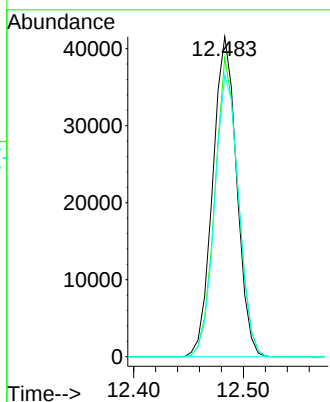
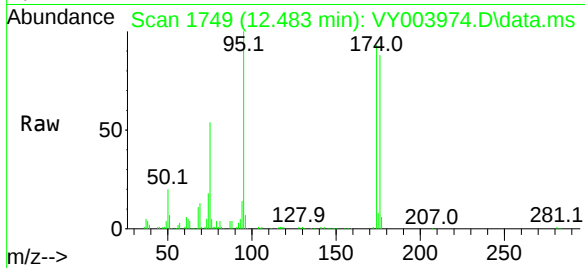




#62
4-Bromofluorobenzene
Concen: 55.21 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003974.D
Acq: 03 Feb 2021 20:58

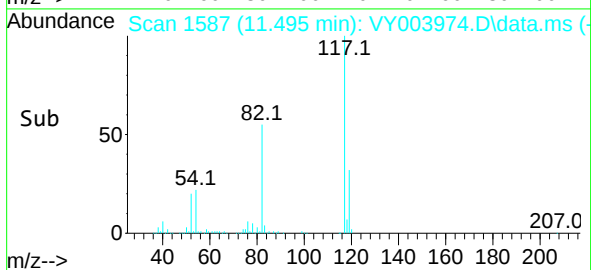
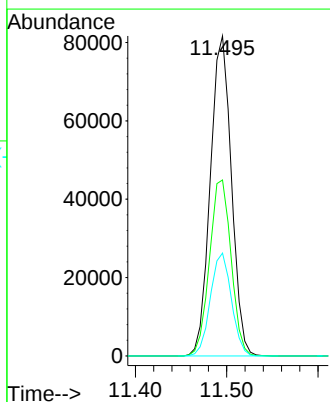
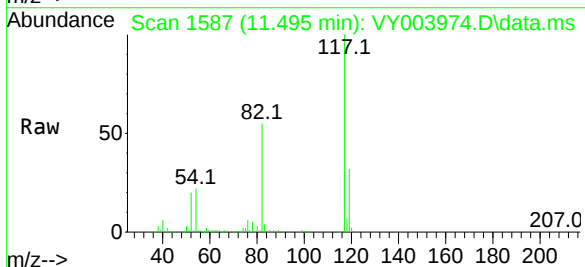
Instrument :
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ClientSampleId :

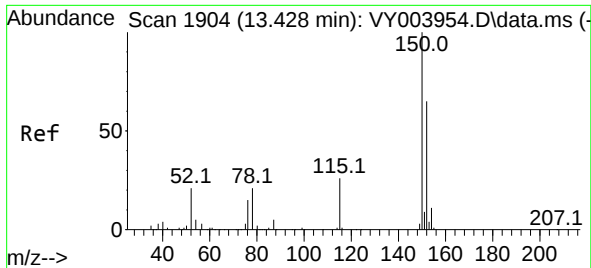
Tgt Ion: 95 Resp: 63154
Ion Ratio Lower Upper
95 100
174 90.7 0.0 184.4
176 88.4 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY003974.D
Acq: 03 Feb 2021 20:58

Tgt Ion: 117 Resp: 130795
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.2 25.0 37.6

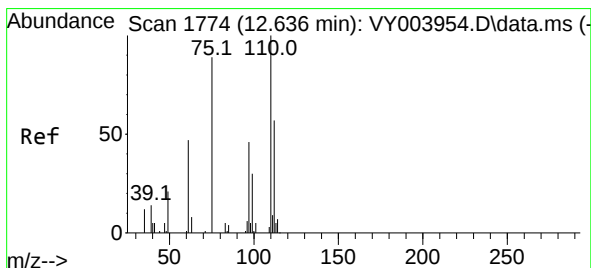
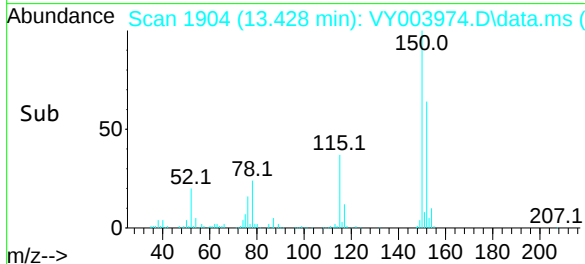
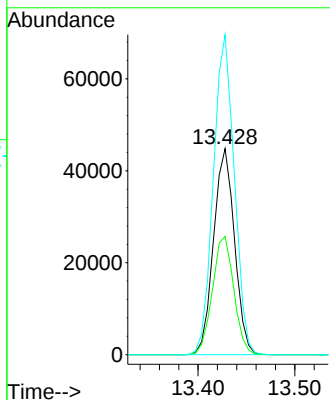
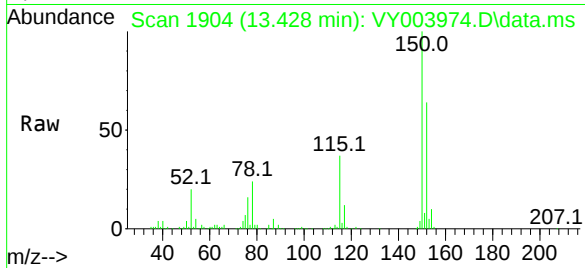




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY003974.D
Acq: 03 Feb 2021 20:58

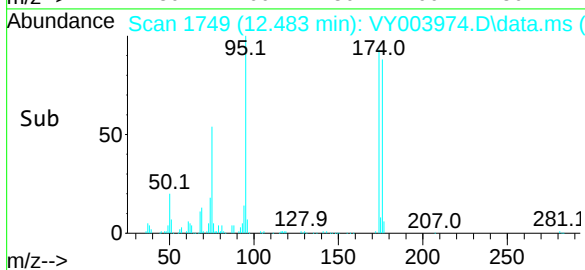
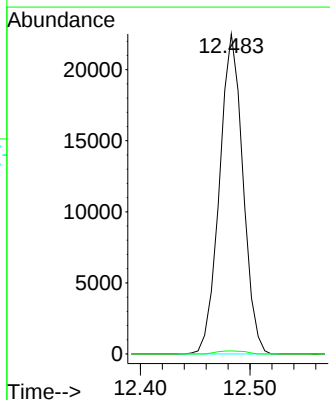
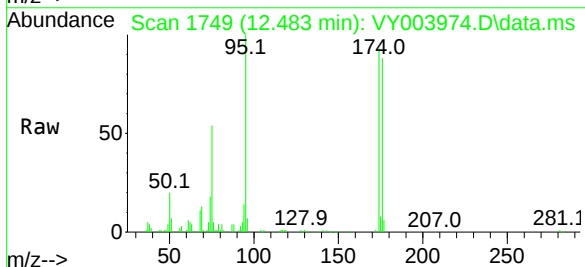
Instrument :
MSVOA_Y
ClientSampleId :

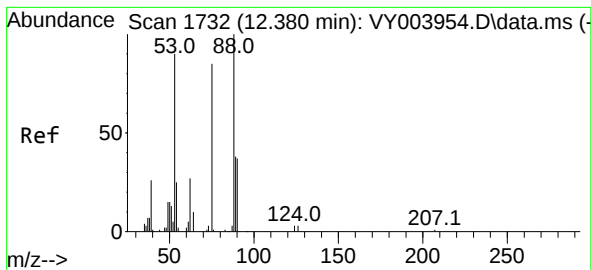
Tgt Ion:152 Resp: 67504
Ion Ratio Lower Upper
152 100
115 58.6 28.2 84.6
150 155.1 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 49.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY003974.D
Acq: 03 Feb 2021 20:58

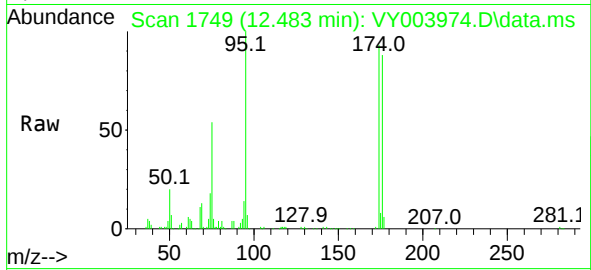
Tgt Ion: 75 Resp: 33494
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.13 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY003974.D
 Acq: 03 Feb 2021 20:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 33494
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.2#
 89 0.0 34.8 52.2#

