

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003973.D
 Acq On : 03 Feb 2021 20:35
 Operator : SY/MD
 Sample : M1291-09
 Misc : 7.42g/5mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 01:23:33 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)

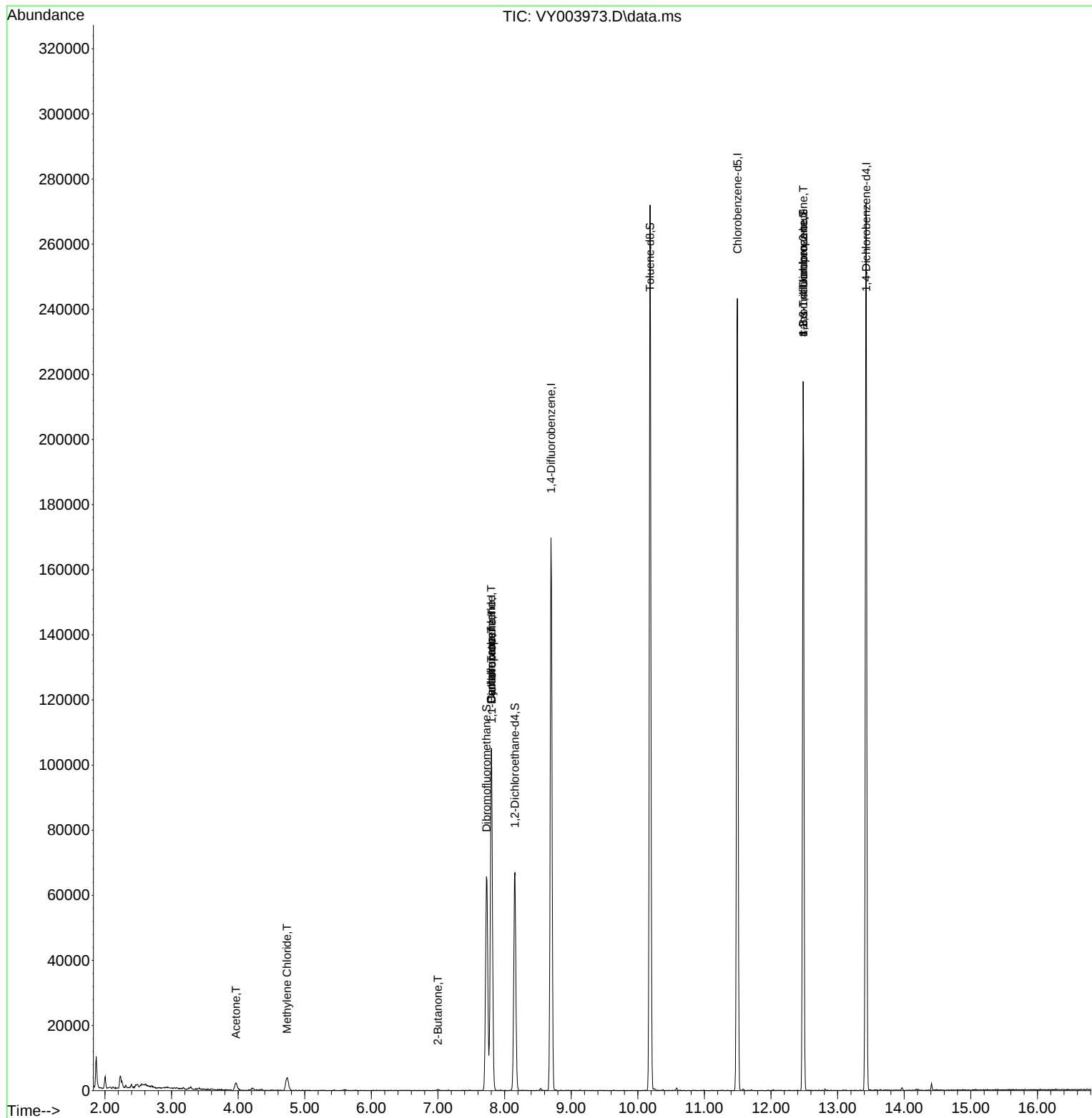
Internal Standards						
1) Pentafluorobenzene	7.801	168	82741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	136459	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	132363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55437	60.93	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.86%
35) Dibromofluoromethane	7.728	113	44410	55.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.32%
50) Toluene-d8	10.185	98	168118	53.69	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.38%
62) 4-Bromofluorobenzene	12.483	95	63512	55.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.30%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	91	Below Cal	#	77
16) Acetone	3.966	43	4286	19.19	ug/l	94
20) Methylene Chloride	4.734	84	2996	3.16	ug/l #	95
25) 2-Butanone	6.996	43	711	2.23	ug/l	96
31) Cyclohexane	7.801	56	1640	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	5946	4.31	ug/l #	50
38) Carbon Tetrachloride	7.801	117	8038	5.39	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	34009	49.99	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34009	95.54	ug/l #	11

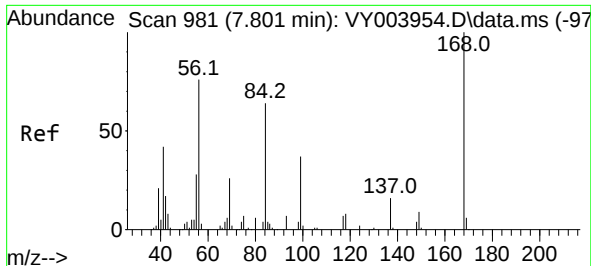
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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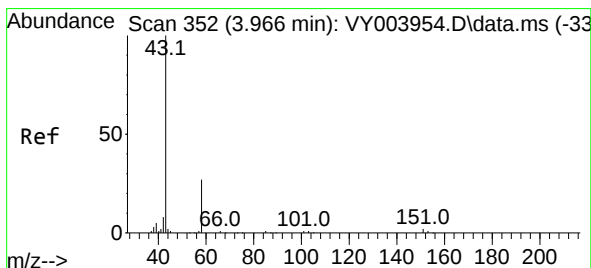
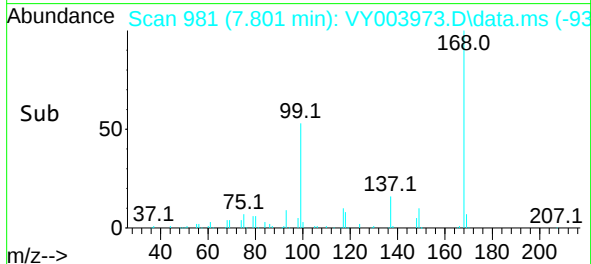
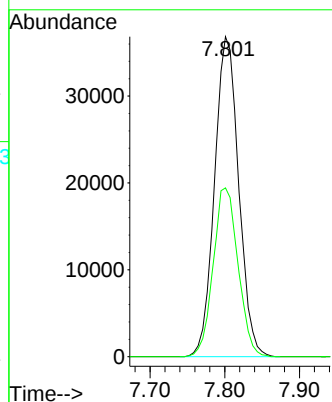
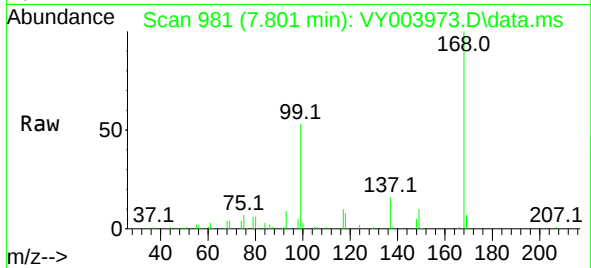




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

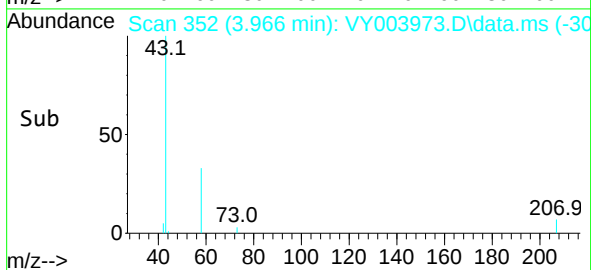
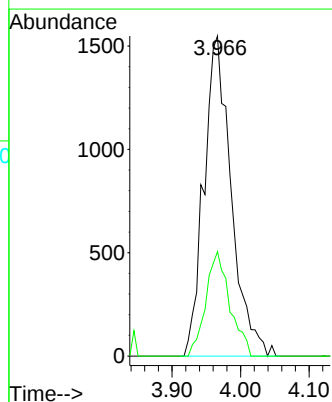
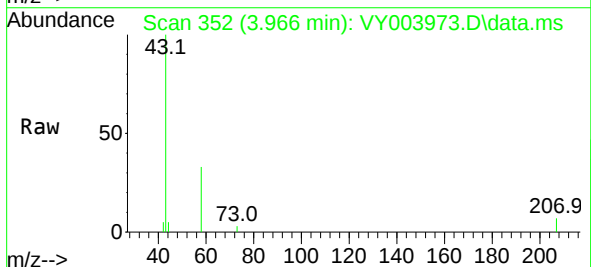
Instrument :
MSVOA_Y
ClientSampleId :

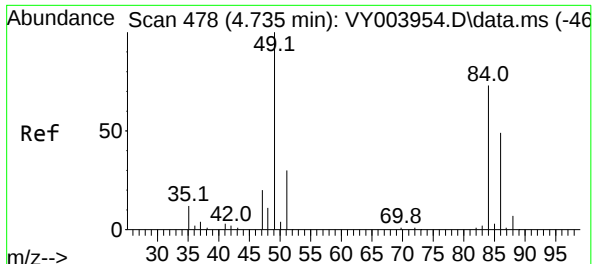
Tgt Ion:168 Resp: 82741
Ion Ratio Lower Upper
168 100
99 52.7 46.1 69.1



#16
Acetone
Concen: 19.19 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

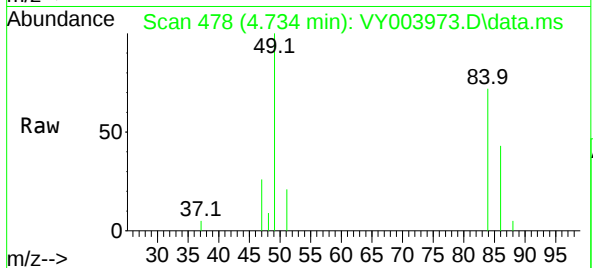
Tgt Ion: 43 Resp: 4286
Ion Ratio Lower Upper
43 100
58 32.6 23.4 35.0



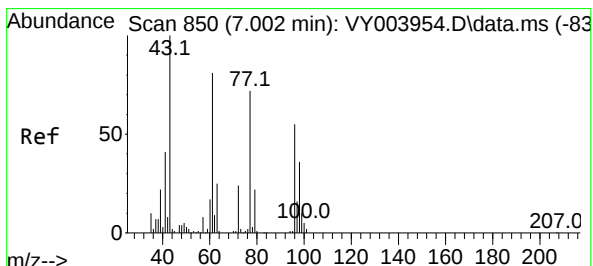
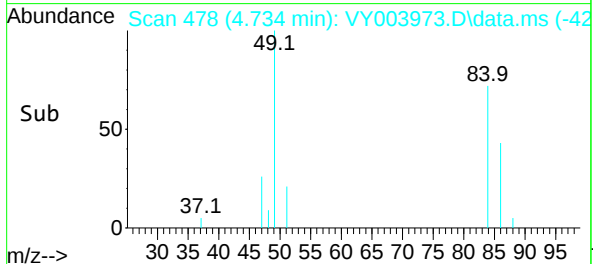
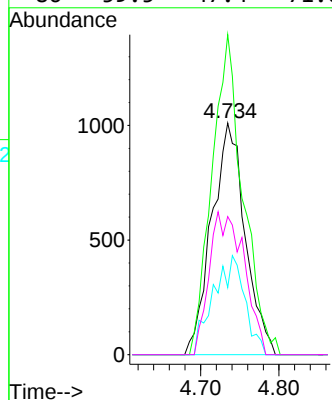


#20
Methylene Chloride
Concen: 3.16 ug/l
RT: 4.734 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

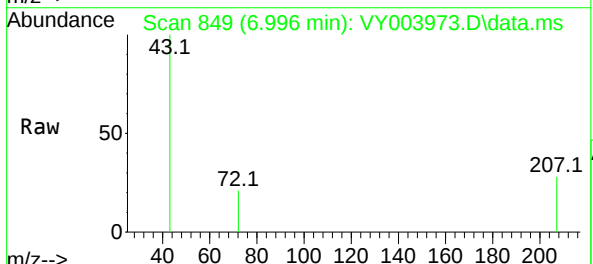
Instrument :
MSVOA_Y
ClientSampleId :



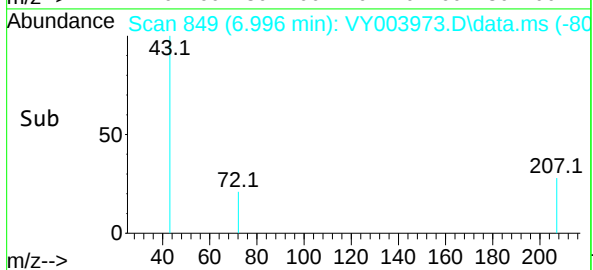
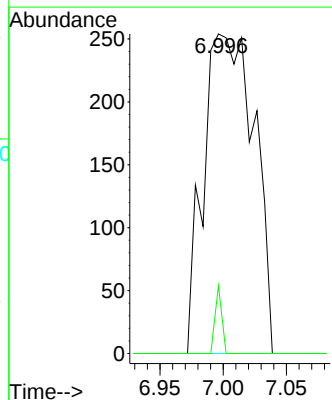
Tgt Ion:	84	Resp:	2996
Ion	Ratio	Lower	Upper
84	100		
49	138.1	107.0	160.4
51	29.0	31.9	47.9#
86	59.5	47.4	71.0

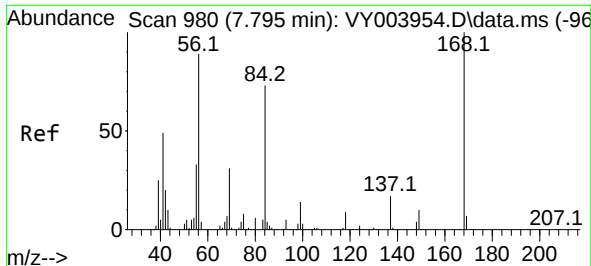


#25
2-Butanone
Concen: 2.23 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35



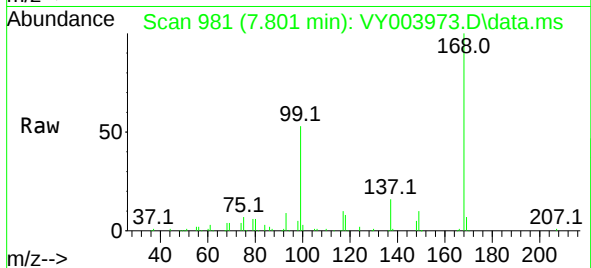
Tgt Ion:	43	Resp:	711
Ion	Ratio	Lower	Upper
43	100		
72	21.3	18.5	27.7



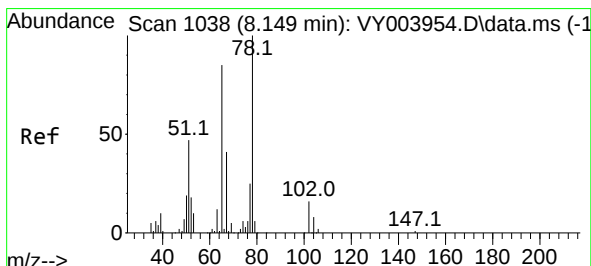
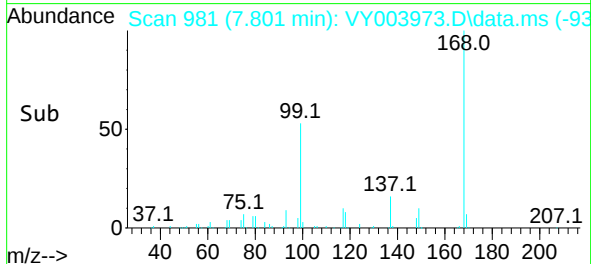
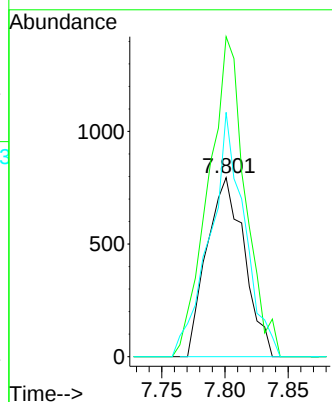


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

Instrument :
MSVOA_Y
ClientSampleId :

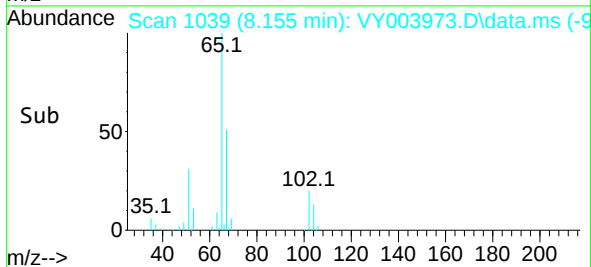
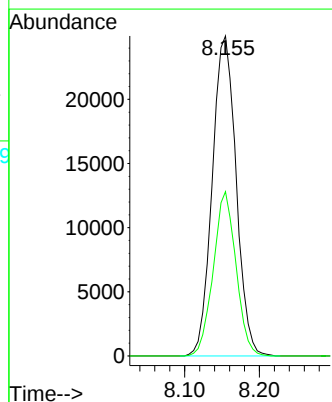
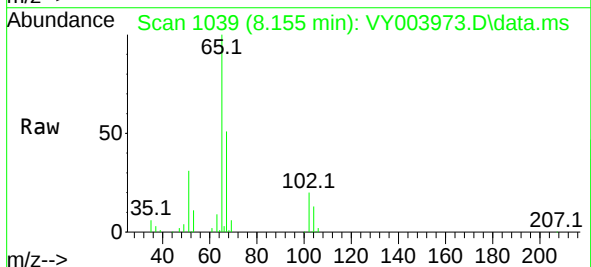


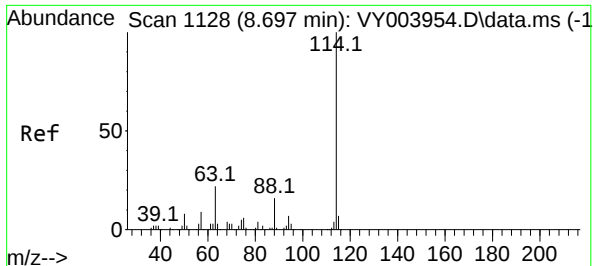
Tgt Ion: 56 Resp: 1640
Ion Ratio Lower Upper
56 100
69 178.7 25.0 37.4#
84 136.5 64.5 96.7#



#33
1,2-Dichloroethane-d4
Concen: 60.93 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

Tgt Ion: 65 Resp: 55437
Ion Ratio Lower Upper
65 100
67 48.8 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: VY003973.D

Acq: 03 Feb 2021 20:35

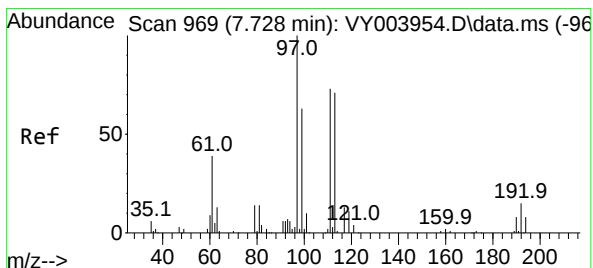
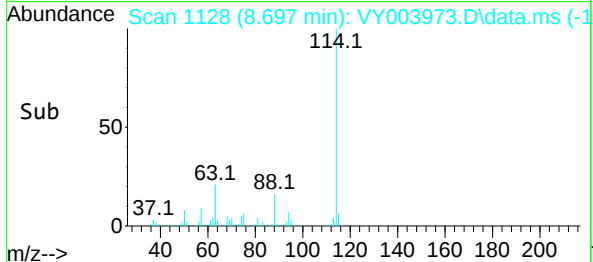
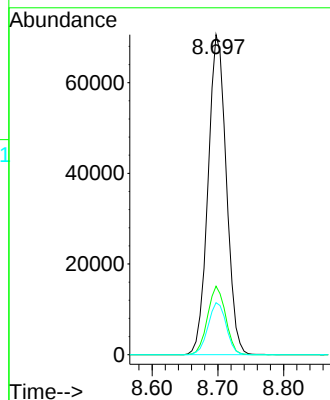
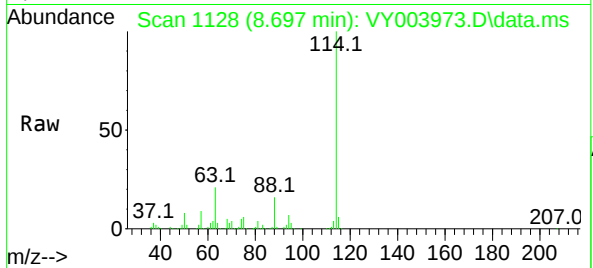
Tgt Ion:114 Resp: 136459

Ion Ratio Lower Upper

114 100

63 21.4 0.0 47.2

88 16.3 0.0 30.2



#35

Dibromofluoromethane

Concen: 55.66 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY003973.D

Acq: 03 Feb 2021 20:35

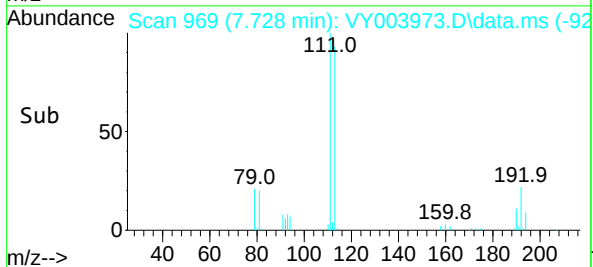
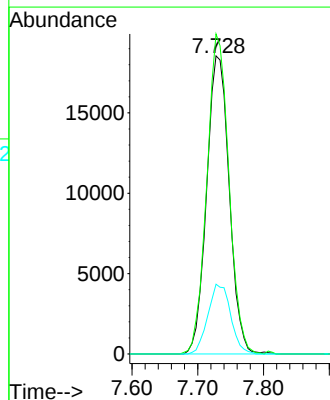
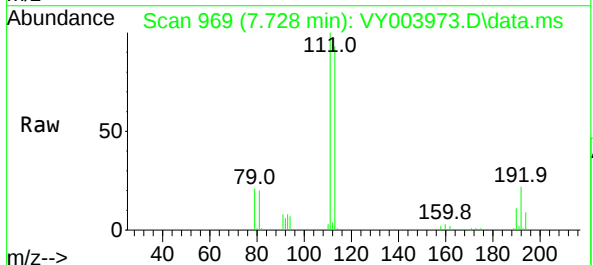
Tgt Ion:113 Resp: 44410

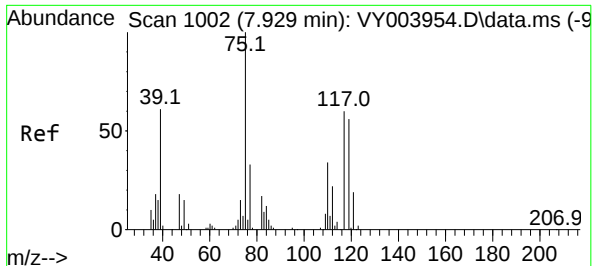
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 23.6 18.3 27.5

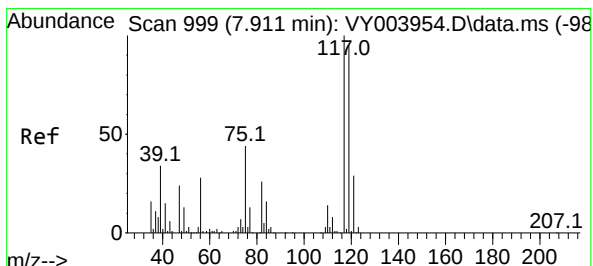
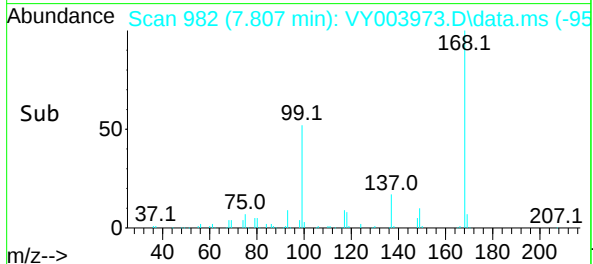
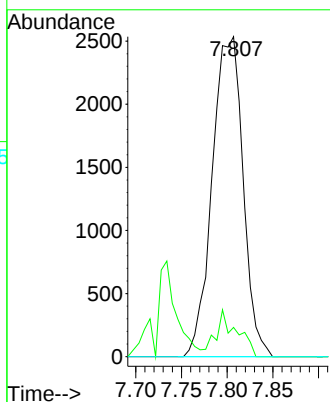
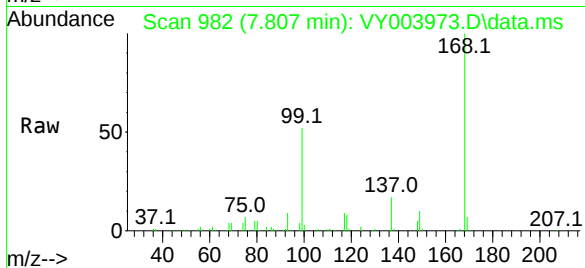




#36
1,1-Dichloropropene
Concen: 4.31 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

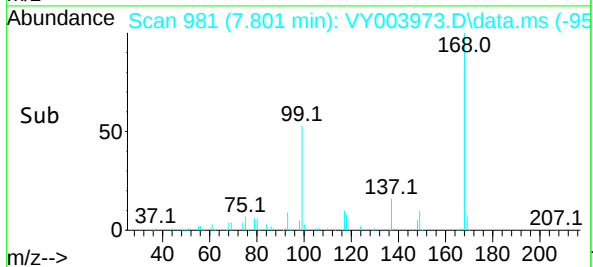
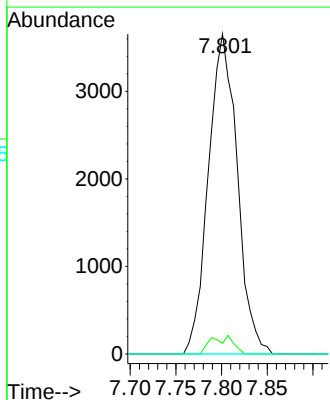
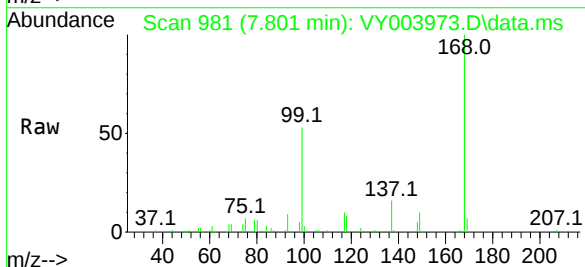
Instrument :
MSVOA_Y
ClientSampleId :

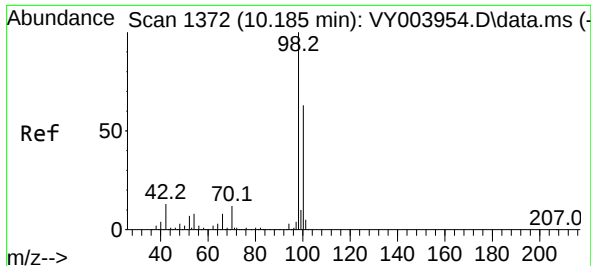
Tgt Ion: 75 Resp: 5946
Ion Ratio Lower Upper
75 100
110 10.0 17.9 53.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.39 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

Tgt Ion: 117 Resp: 8038
Ion Ratio Lower Upper
117 100
119 3.3 77.4 116.0#
121 0.0 26.1 39.1#

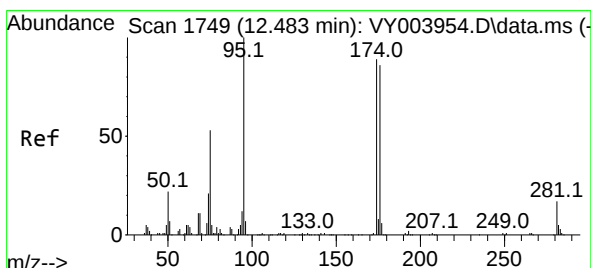
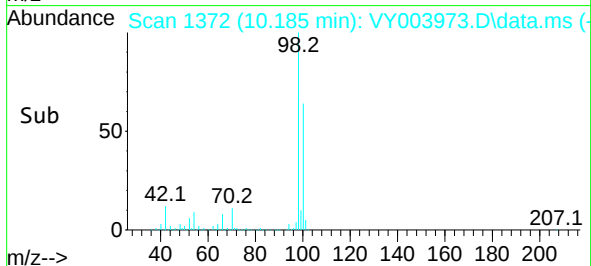
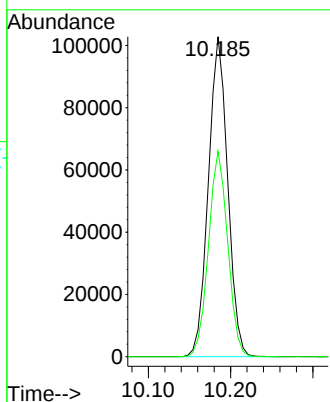
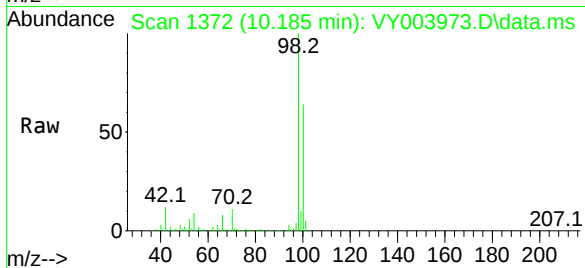




#50
Toluene-d8
Concen: 53.69 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

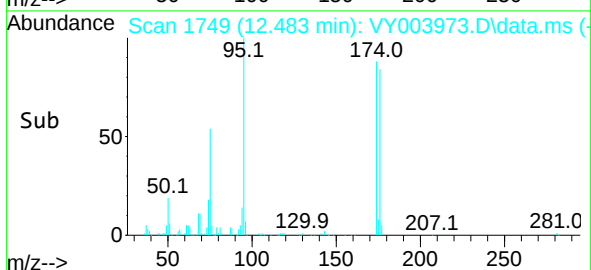
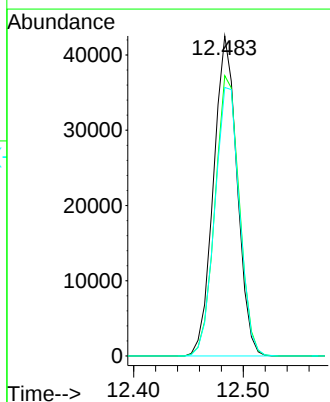
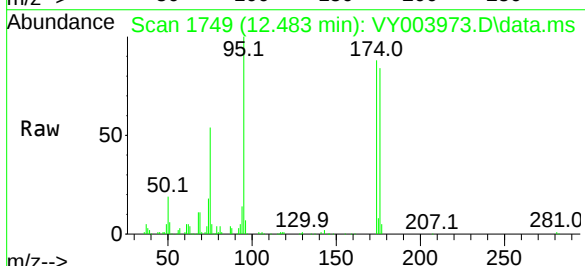
Instrument :
MSVOA_Y
ClientSampled :

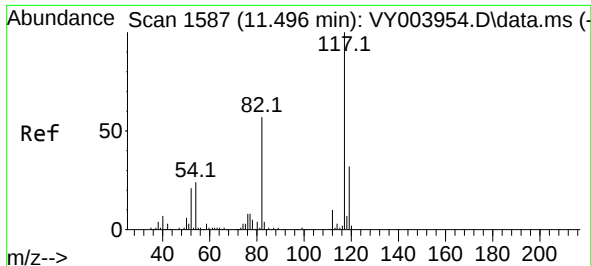
Tgt Ion: 98 Resp: 168118
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 55.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

Tgt Ion: 95 Resp: 63512
Ion Ratio Lower Upper
95 100
174 90.1 0.0 184.4
176 87.9 0.0 177.2

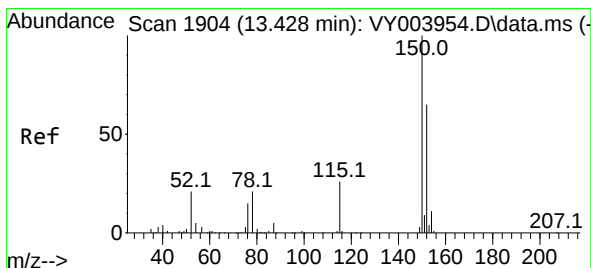
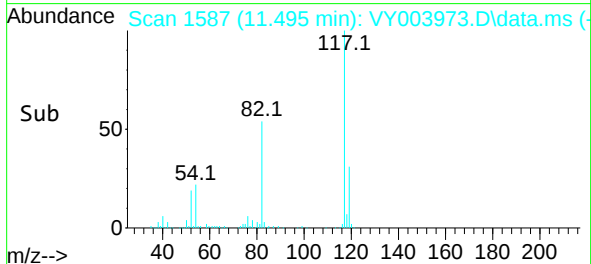
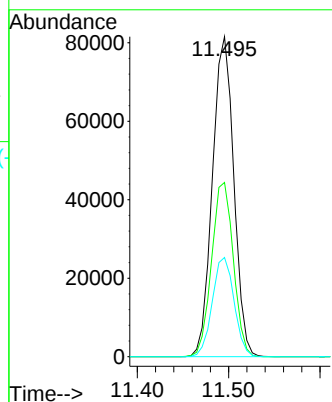
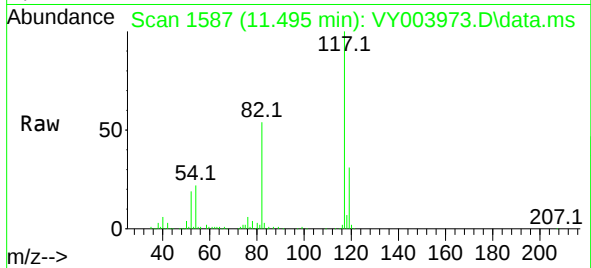




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

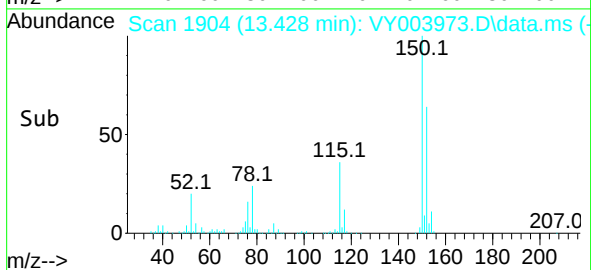
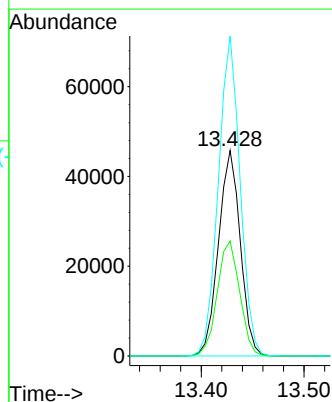
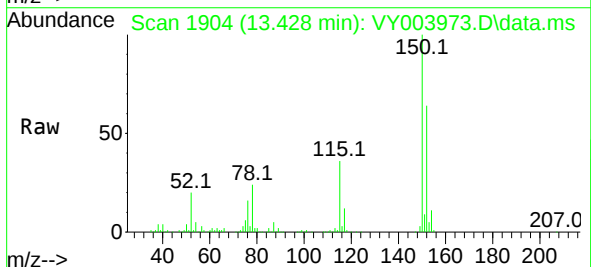
Instrument :
MSVOA_Y
ClientSampleId :

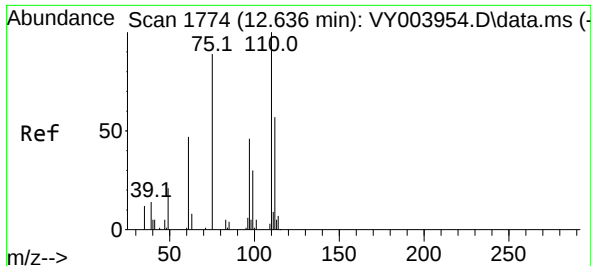
Tgt Ion:117 Resp: 132363
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 31.0 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

Tgt Ion:152 Resp: 67531
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.6
150 155.0 0.0 356.2

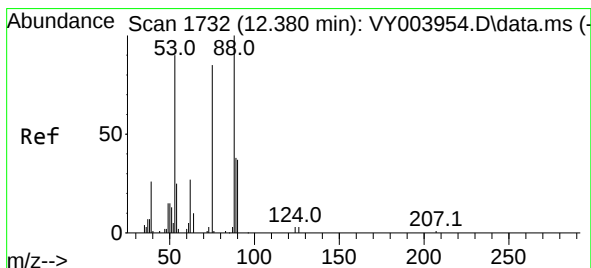
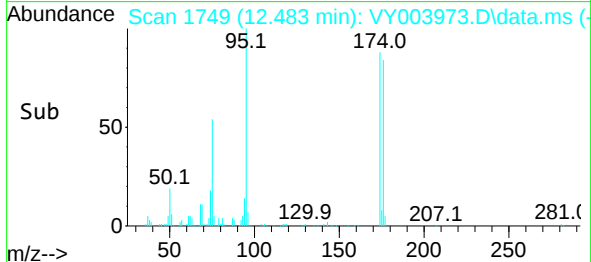
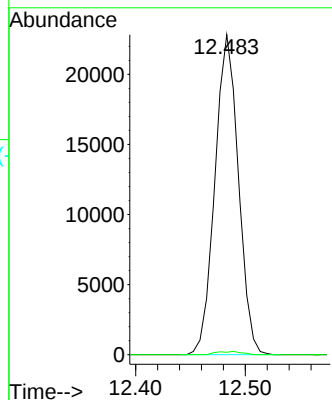
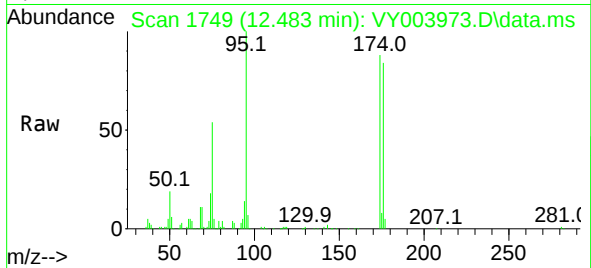




#76
1,2,3-Trichloropropane
Concen: 49.99 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 34009
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.54 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003973.D
Acq: 03 Feb 2021 20:35

Tgt Ion: 75 Resp: 34009
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.2#
89 0.0 34.8 52.2#

