

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003971.D
 Acq On : 03 Feb 2021 19:48
 Operator : SY/MD
 Sample : M1291-07
 Misc : 4.19g/5mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 01:22:59 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)

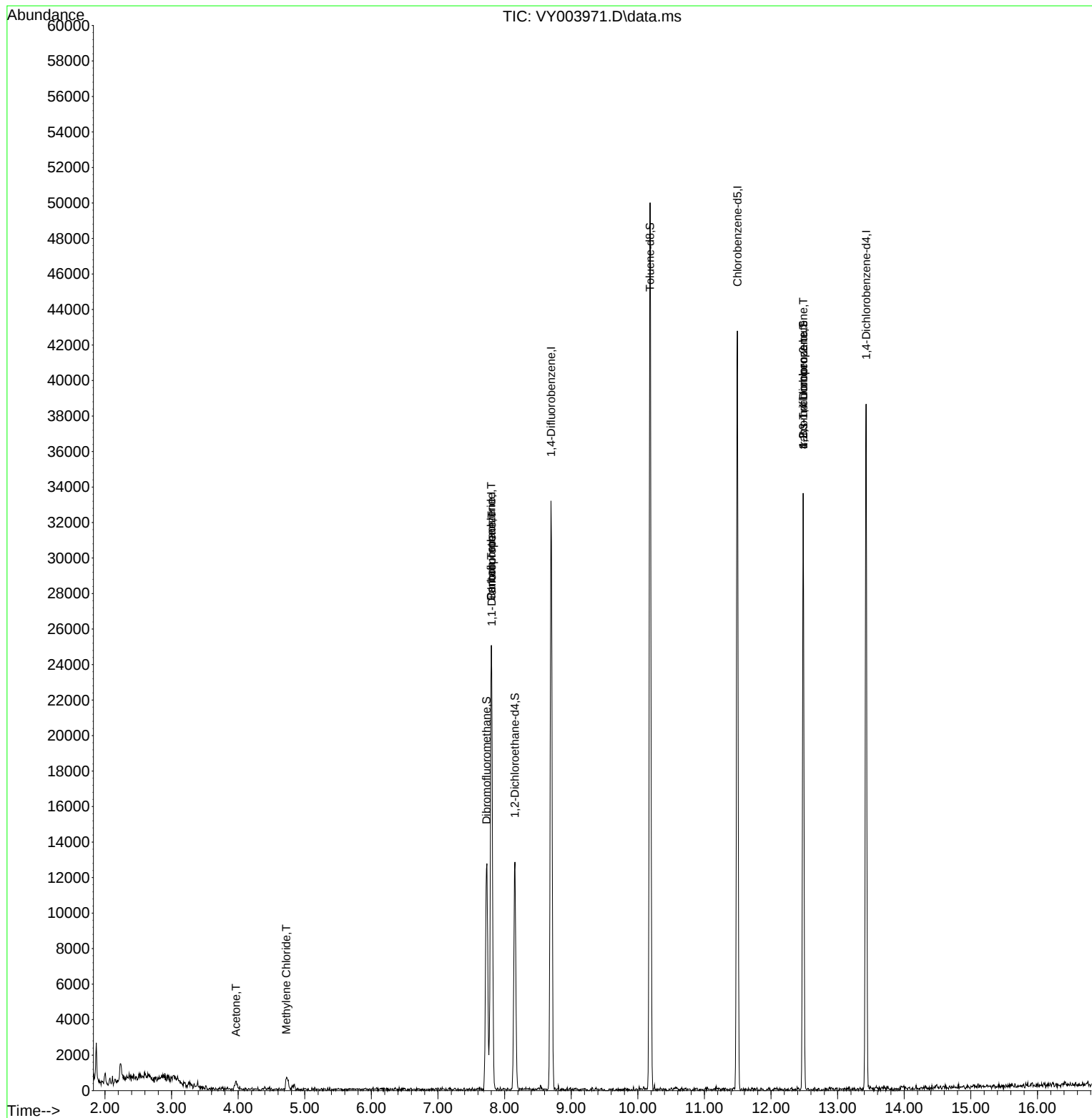
Internal Standards						
1) Pentafluorobenzene	7.801	168	19487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	27629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	22552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	9730	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	10573	49.34	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.68%
35) Dibromofluoromethane	7.728	113	9067	56.13	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.26%
50) Toluene-d8	10.185	98	32709	51.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.20%
62) 4-Bromofluorobenzene	12.483	95	9718	42.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.10%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	708	13.46	ug/l	92
20) Methylene Chloride	4.722	84	526	2.36	ug/l #	68
36) 1,1-Dichloropropene	7.807	75	1410	5.05	ug/l #	49
38) Carbon Tetrachloride	7.801	117	1893	6.27	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	5171	52.75	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5171	100.82	ug/l #	11

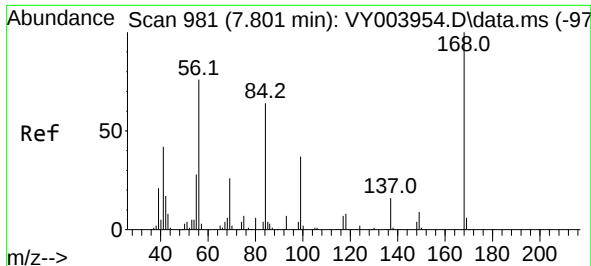
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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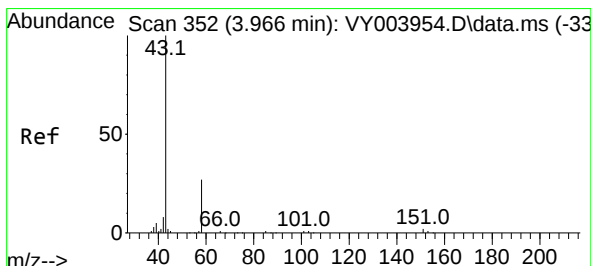
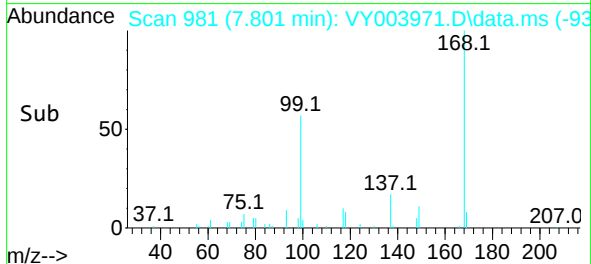
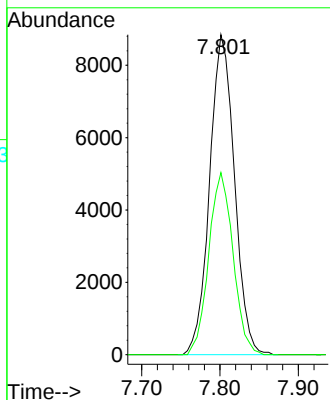
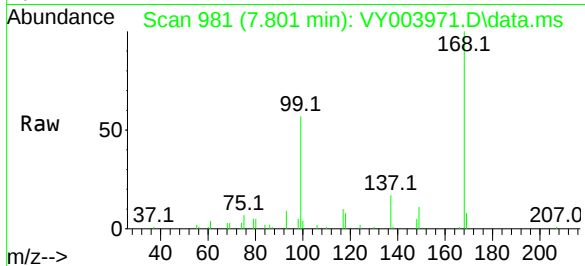




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003971.D
Acq: 03 Feb 2021 19:48

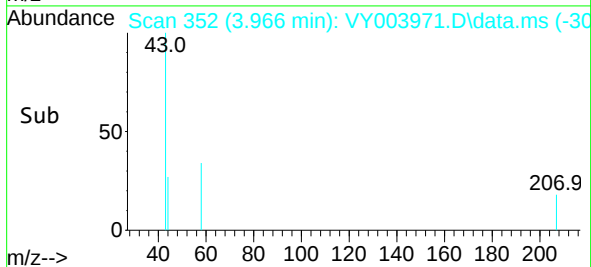
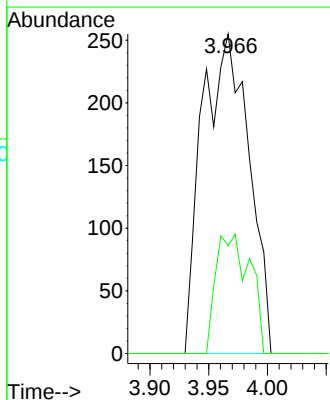
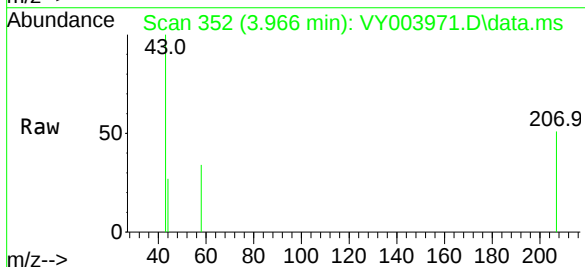
Instrument :
MSVOA_Y
ClientSampled :

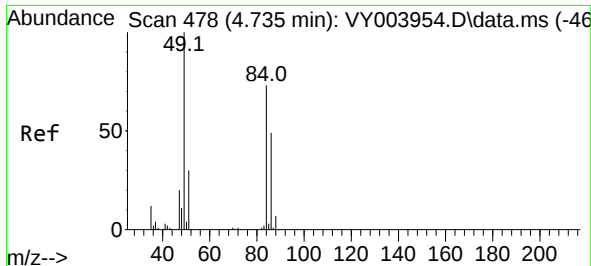
Tgt Ion:168 Resp: 19487
Ion Ratio Lower Upper
168 100
99 56.9 46.1 69.1



#16
Acetone
Concen: 13.46 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY003971.D
Acq: 03 Feb 2021 19:48

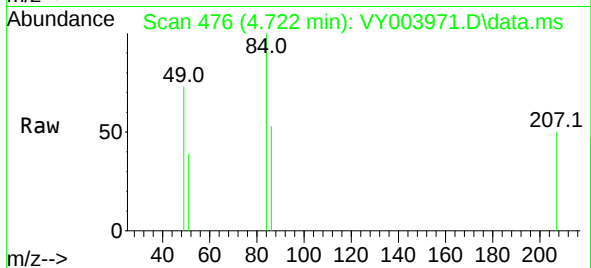
Tgt Ion: 43 Resp: 708
Ion Ratio Lower Upper
43 100
58 33.7 23.4 35.0



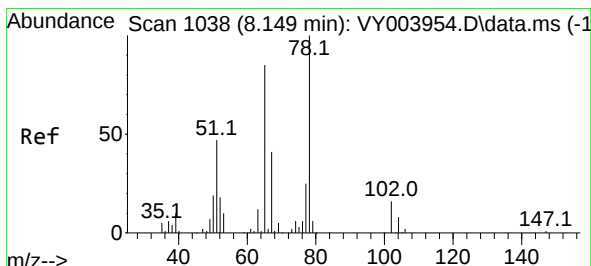
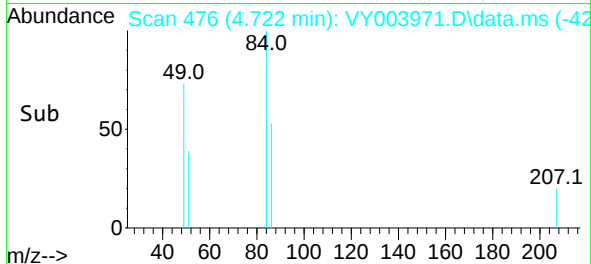
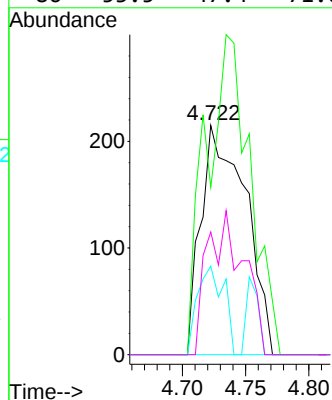


#20
Methylene Chloride
Concen: 2.36 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY003971.D
Acq: 03 Feb 2021 19:48

Instrument :
MSVOA_Y
ClientSampleId :

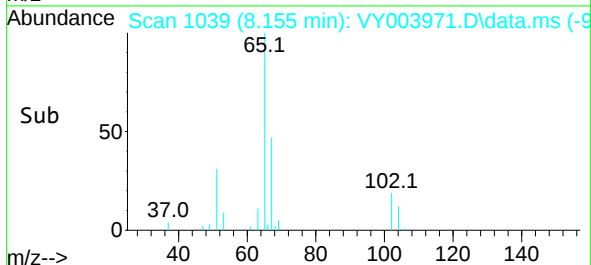
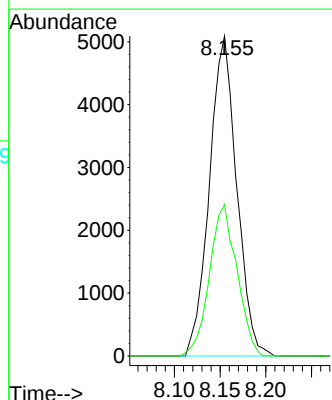
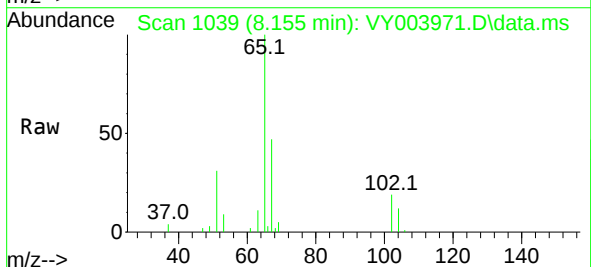


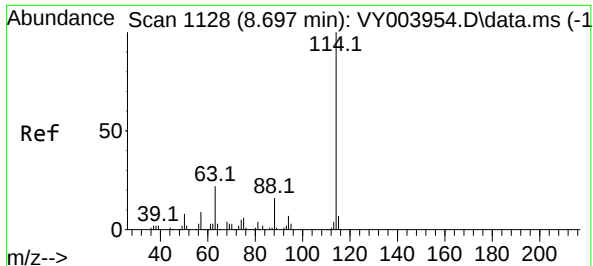
Tgt Ion:	84	Resp:	526
Ion	Ratio	Lower	Upper
84	100		
49	73.0	107.0	160.4#
51	38.6	31.9	47.9
86	53.5	47.4	71.0



#33
1,2-Dichloroethane-d4
Concen: 49.34 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY003971.D
Acq: 03 Feb 2021 19:48

Tgt Ion:	65	Resp:	10573
Ion	Ratio	Lower	Upper
65	100		
67	47.6	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

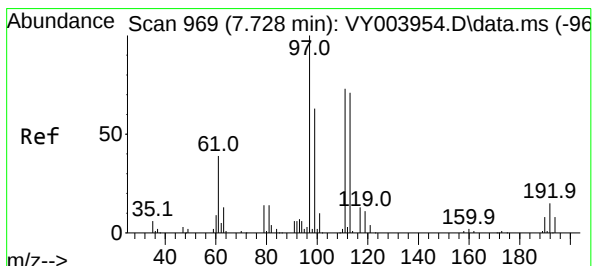
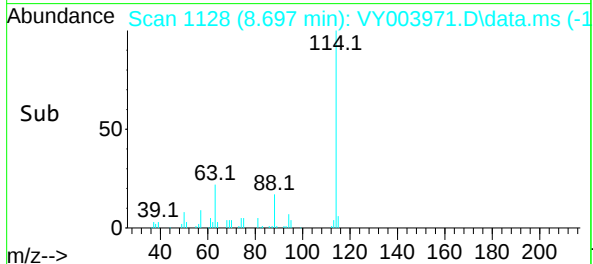
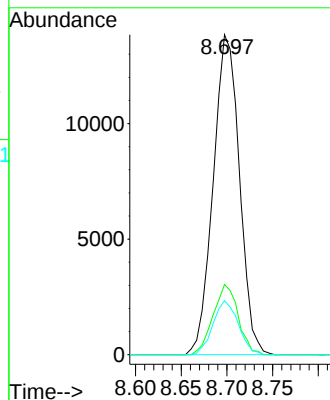
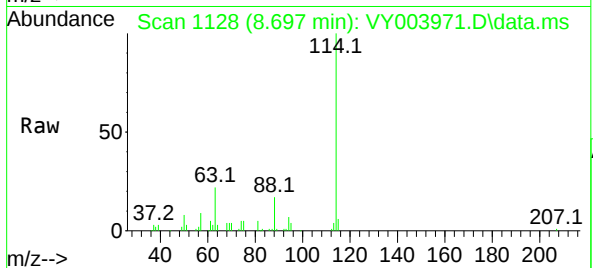
Delta R.T. 0.000 min

Lab File: VY003971.D

Acq: 03 Feb 2021 19:48

Tgt Ion:	114	Resp:	27629
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	47.2
88	16.8	0.0	30.2

Instrument :
MSVOA_Y
ClientSampleId :



#35

Dibromofluoromethane

Concen: 56.13 ug/l

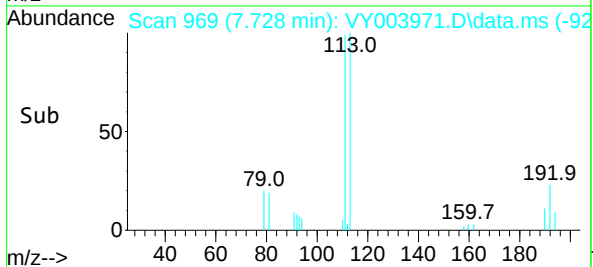
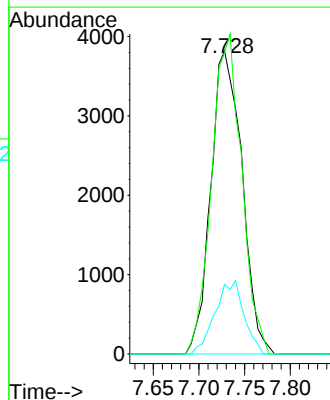
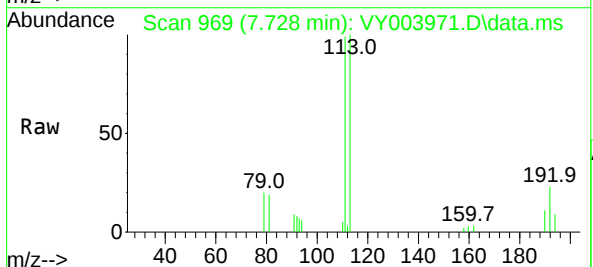
RT: 7.728 min Scan# 969

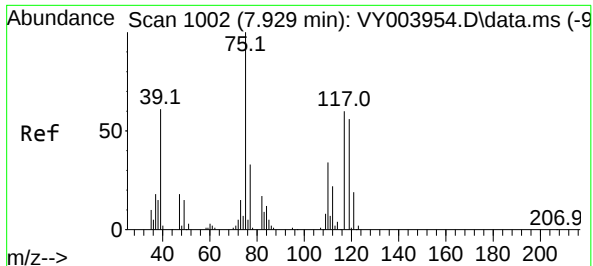
Delta R.T. 0.000 min

Lab File: VY003971.D

Acq: 03 Feb 2021 19:48

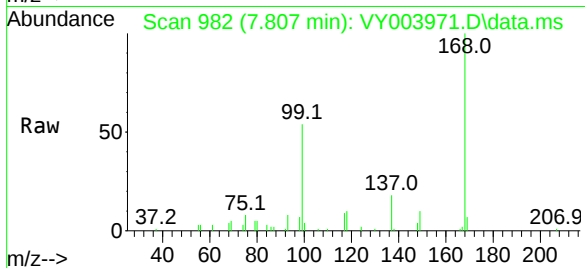
Tgt Ion:	113	Resp:	9067
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.2	123.4
192	22.4	18.3	27.5



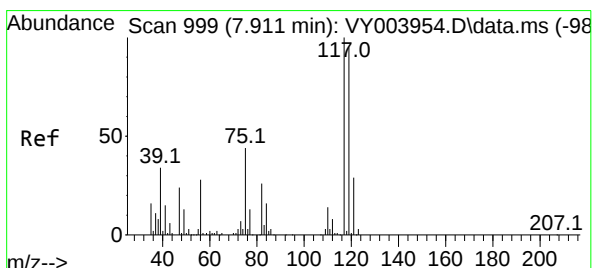
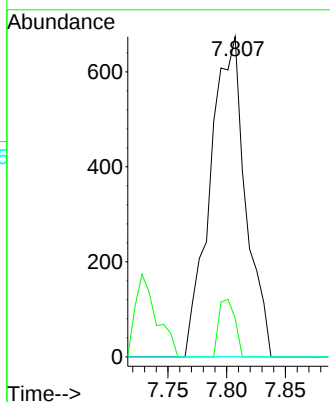
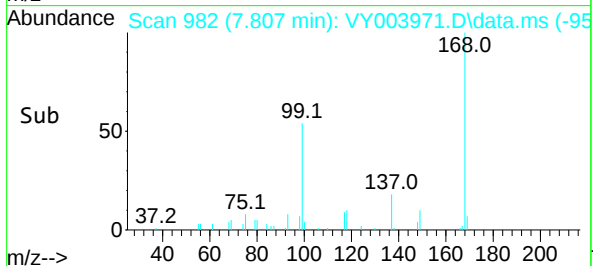


#36
1,1-Dichloropropene
Concen: 5.05 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY003971.D
Acq: 03 Feb 2021 19:48

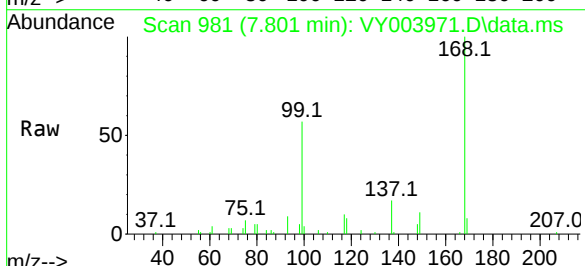
Instrument :
MSVOA_Y
ClientSampleId :



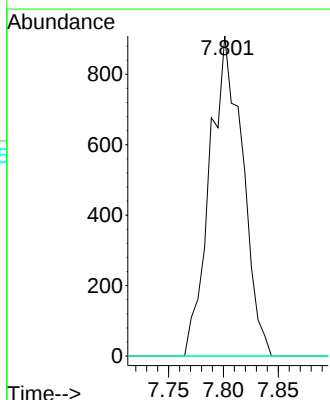
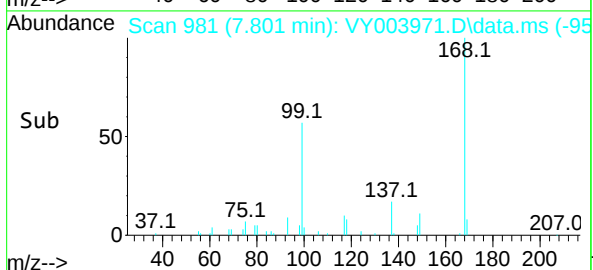
Tgt Ion: 75 Resp: 1410
Ion Ratio Lower Upper
75 100
110 8.2 17.9 53.8#
77 0.0 24.8 37.2#

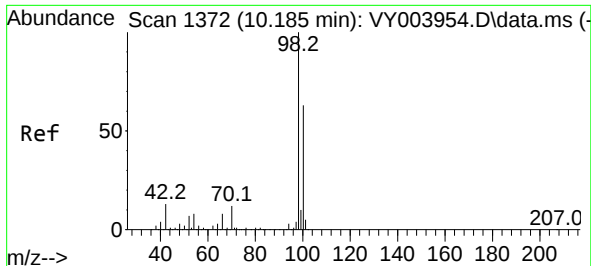


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY003971.D
Acq: 03 Feb 2021 19:48



Tgt Ion: 117 Resp: 1893
Ion Ratio Lower Upper
117 100
119 0.0 77.4 116.0#
121 0.0 26.1 39.1#

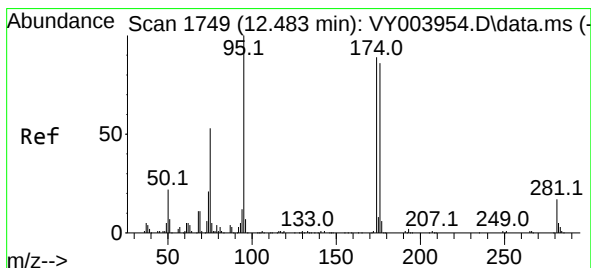
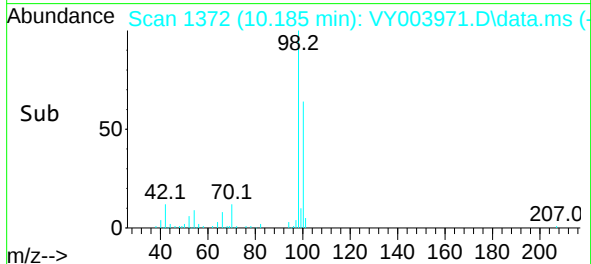
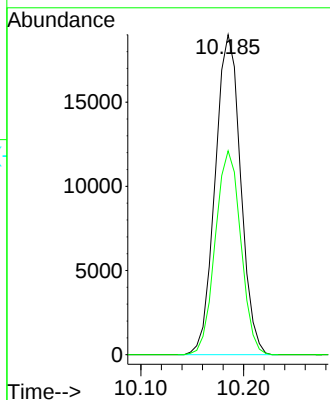
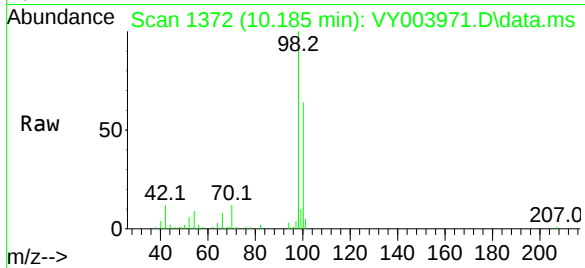




#50
Toluene-d8
Concen: 51.60 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003971.D
Acq: 03 Feb 2021 19:48

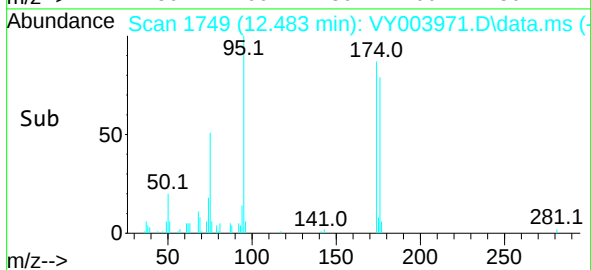
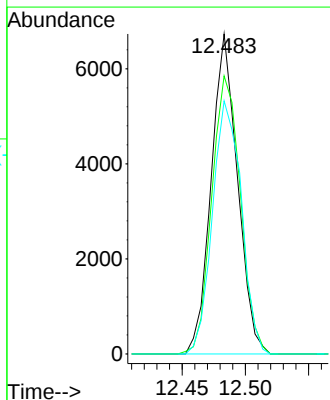
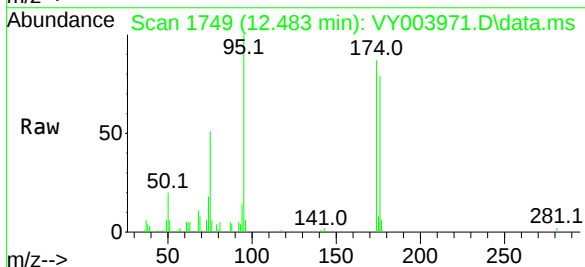
Instrument :
MSVOA_Y
ClientSampled :

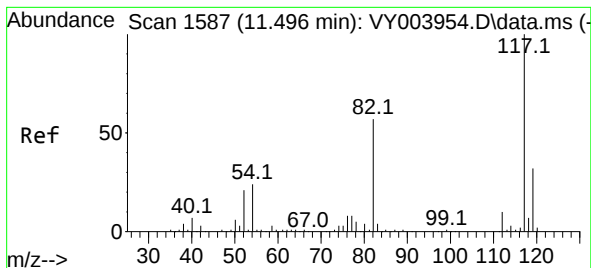
Tgt Ion: 98 Resp: 32709
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 42.05 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003971.D
Acq: 03 Feb 2021 19:48

Tgt Ion: 95 Resp: 9718
Ion Ratio Lower Upper
95 100
174 94.4 0.0 184.4
176 86.8 0.0 177.2

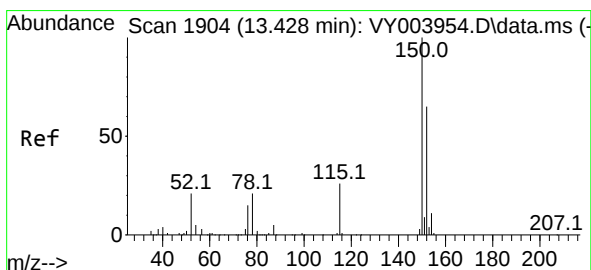
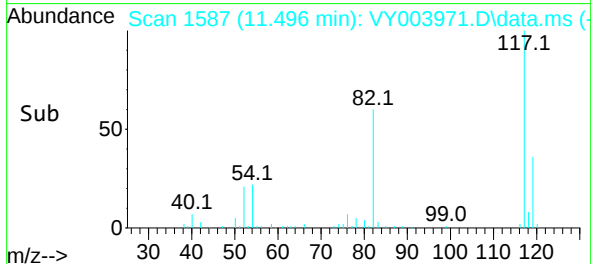
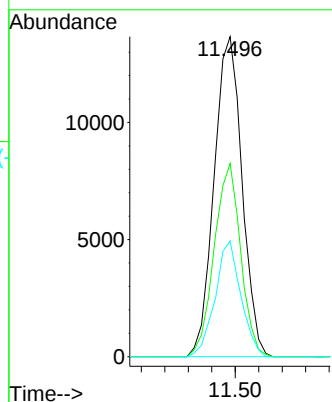
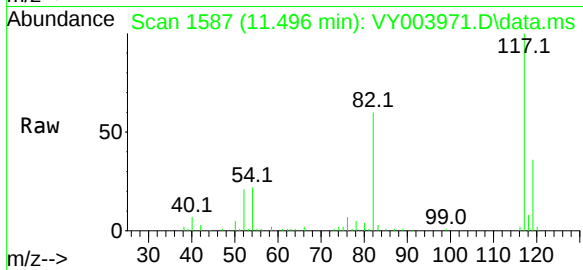




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003971.D
Acq: 03 Feb 2021 19:48

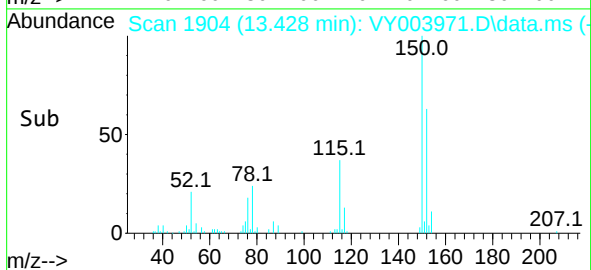
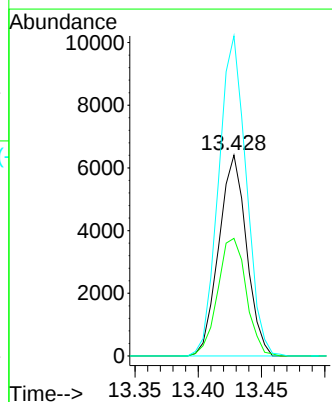
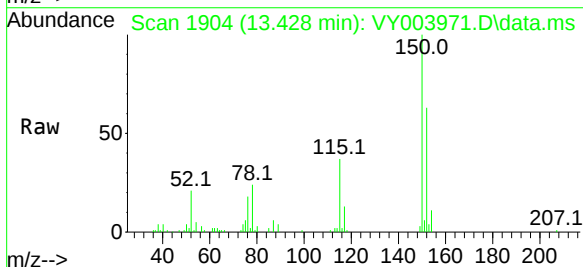
Instrument :
MSVOA_Y
ClientSampleId :

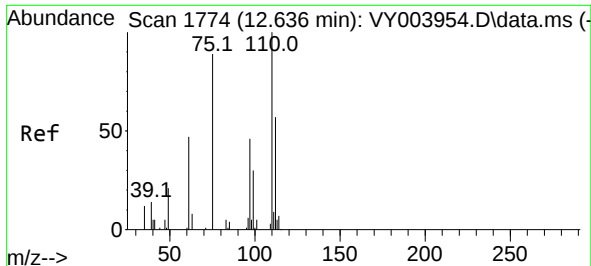
Tgt Ion:117 Resp: 22552
Ion Ratio Lower Upper
117 100
82 60.4 44.3 66.5
119 36.2 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY003971.D
Acq: 03 Feb 2021 19:48

Tgt Ion:152 Resp: 9730
Ion Ratio Lower Upper
152 100
115 60.7 28.2 84.6
150 159.4 0.0 356.2

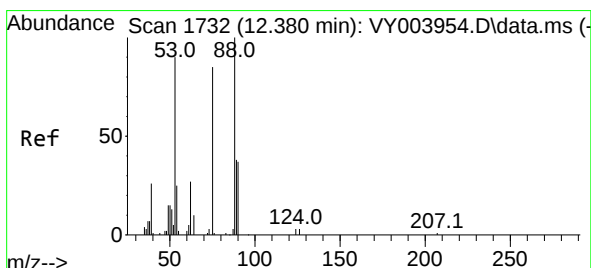
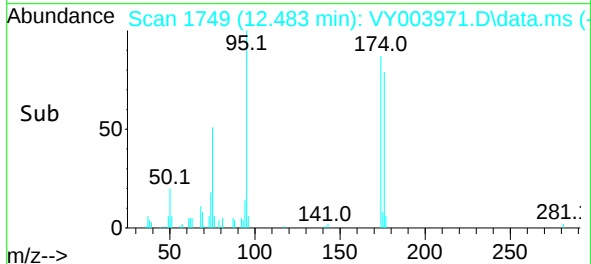
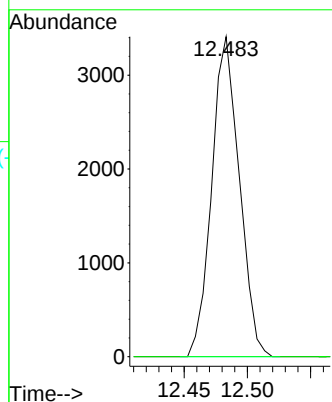
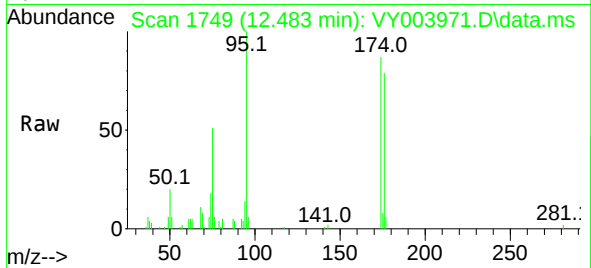




#76
1,2,3-Trichloropropane
Concen: 52.75 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003971.D
Acq: 03 Feb 2021 19:48

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 5171
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 100.82 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY003971.D
Acq: 03 Feb 2021 19:48

Tgt Ion: 75 Resp: 5171
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.2#
89 0.0 34.8 52.2#

