

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003976.D
 Acq On : 03 Feb 2021 21:44
 Operator : SY/MD
 Sample : M1291-12
 Misc : 5.84g/5mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 04 01:24:16 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)

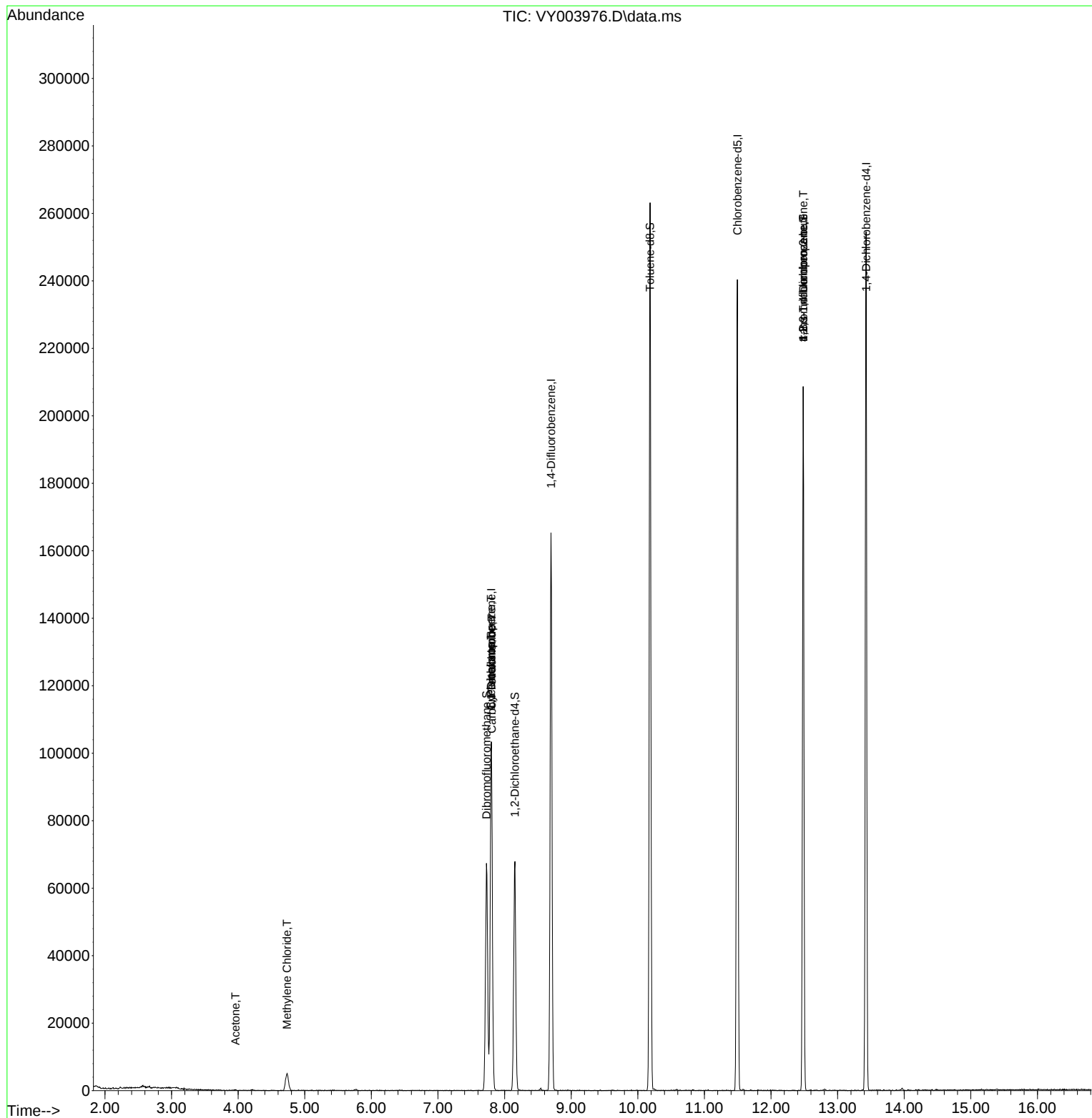
Internal Standards						
1) Pentafluorobenzene	7.801	168	81815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	135226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	129172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55307	61.48	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.96%
35) Dibromofluoromethane	7.728	113	44710	56.55	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.10%
50) Toluene-d8	10.185	98	164579	53.04	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.08%
62) 4-Bromofluorobenzene	12.483	95	60949	53.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.78%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	49	Below Cal	#	77
16) Acetone	3.960	43	369	1.67	ug/l #	45
20) Methylene Chloride	4.735	84	3974	4.24	ug/l #	84
31) Cyclohexane	7.795	56	1590	1.05	ug/l #	10
36) 1,1-Dichloropropene	7.795	75	5646	4.13	ug/l #	50
38) Carbon Tetrachloride	7.807	117	7684	5.20	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	33397	52.04	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33397	99.47	ug/l #	11

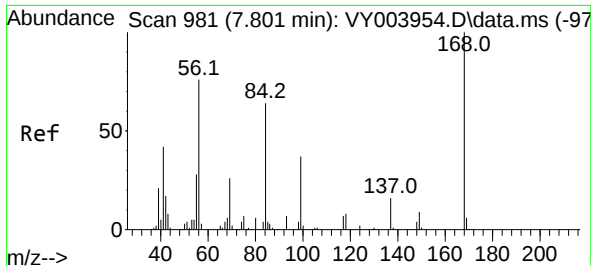
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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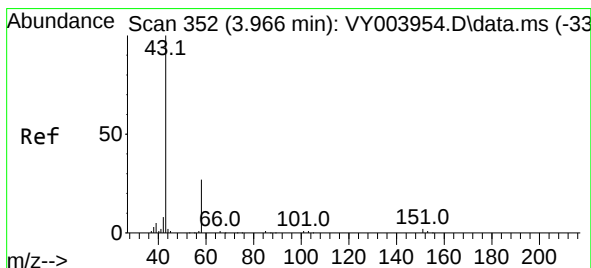
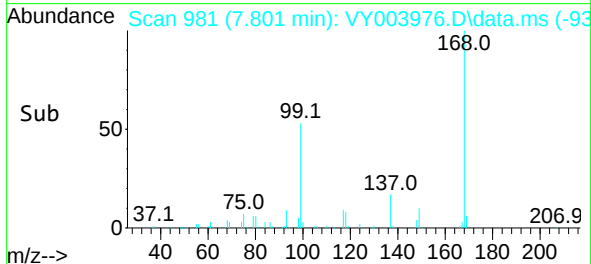
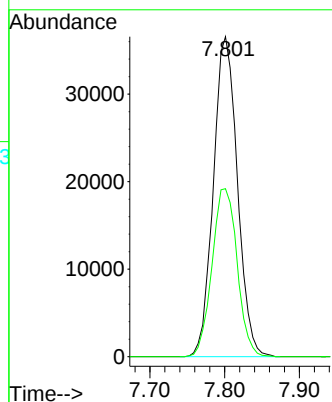
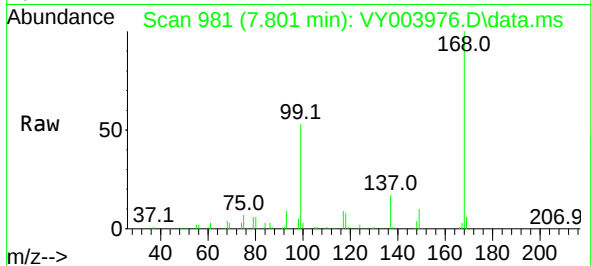




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003976.D
Acq: 03 Feb 2021 21:44

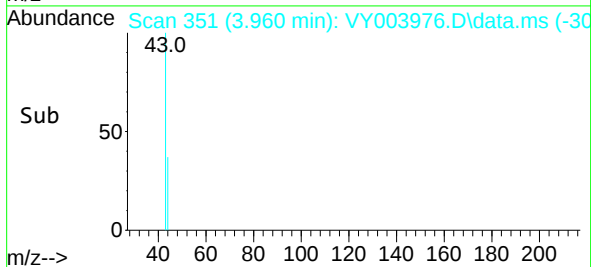
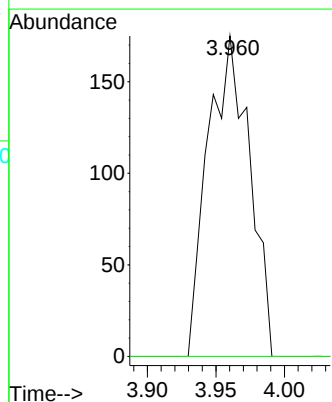
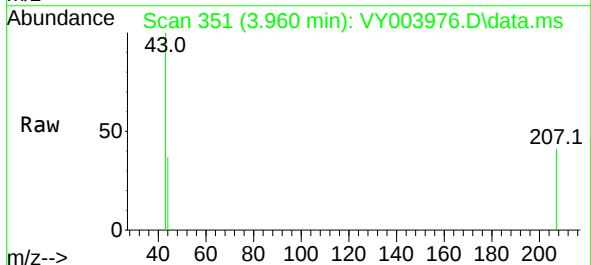
Instrument :
MSVOA_Y
ClientSampleId :

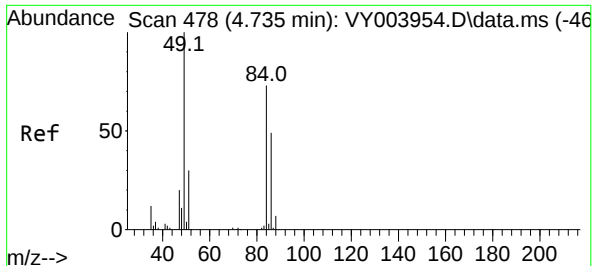
Tgt Ion:168 Resp: 81815
Ion Ratio Lower Upper
168 100
99 52.5 46.1 69.1



#16
Acetone
Concen: 1.67 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY003976.D
Acq: 03 Feb 2021 21:44

Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#





#20

Methylene Chloride

Concen: 4.24 ug/l

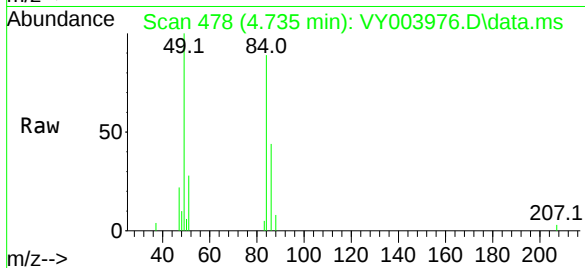
RT: 4.735 min Scan# 478

Delta R.T. -0.000 min

Lab File: VY003976.D

Acq: 03 Feb 2021 21:44

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 3974

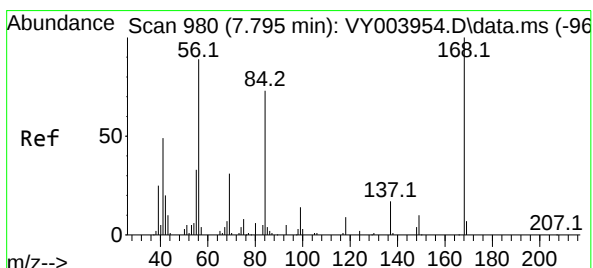
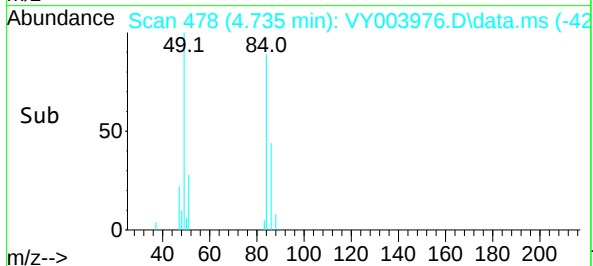
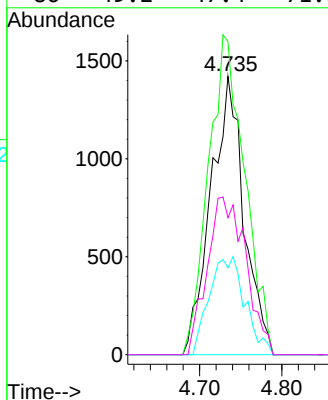
Ion Ratio Lower Upper

84 100

49 112.5 107.0 160.4

51 31.2 31.9 47.9#

86 49.2 47.4 71.0



#31

Cyclohexane

Concen: 1.05 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY003976.D

Acq: 03 Feb 2021 21:44

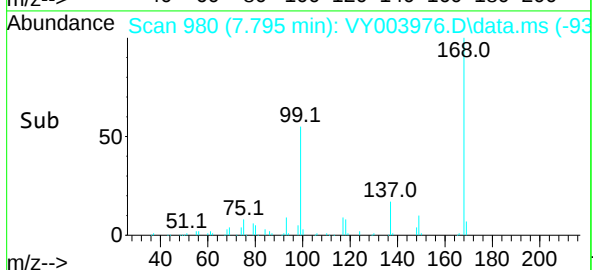
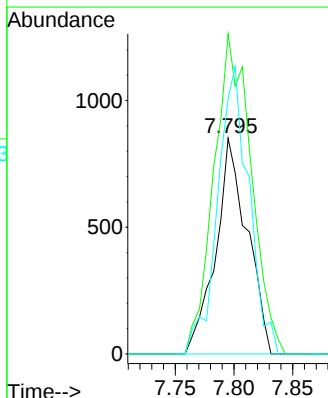
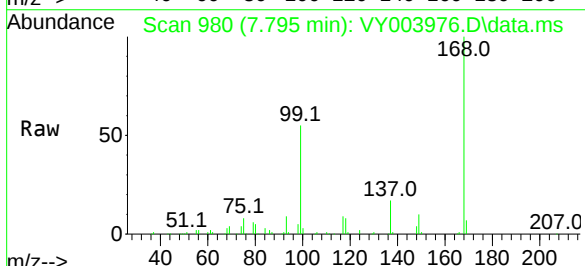
Tgt Ion: 56 Resp: 1590

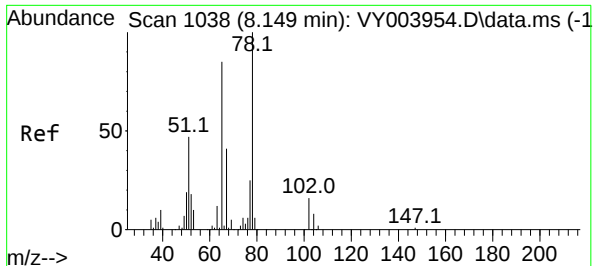
Ion Ratio Lower Upper

56 100

69 148.4 25.0 37.4#

84 118.4 64.5 96.7#

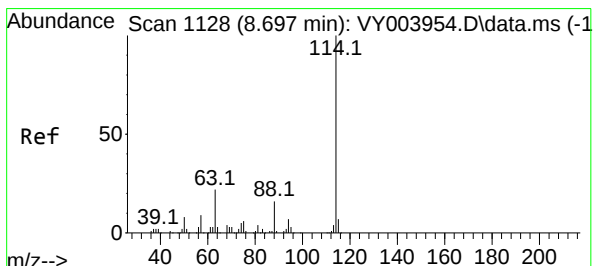
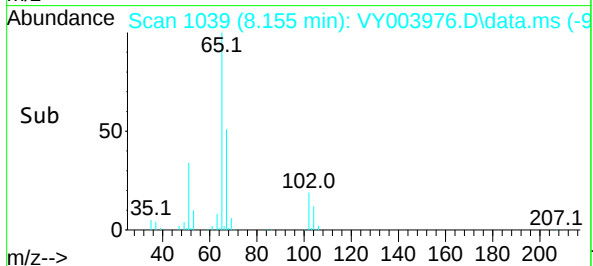
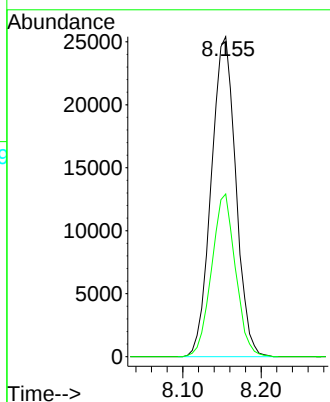
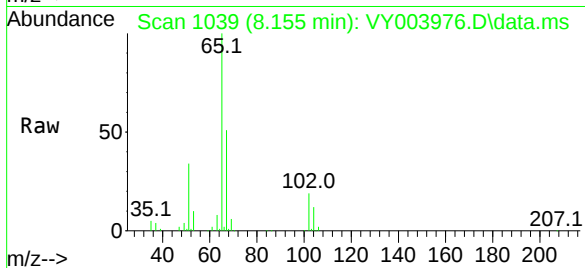




#33
 1,2-Dichloroethane-d4
 Concen: 61.48 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VY003976.D
 Acq: 03 Feb 2021 21:44

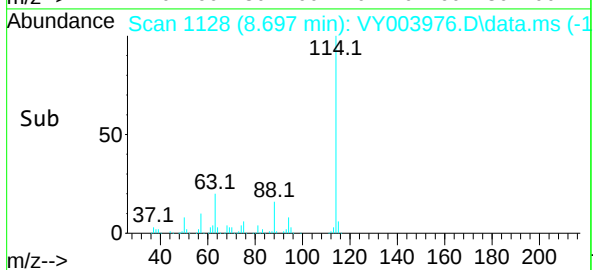
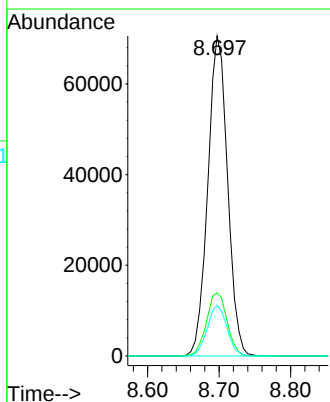
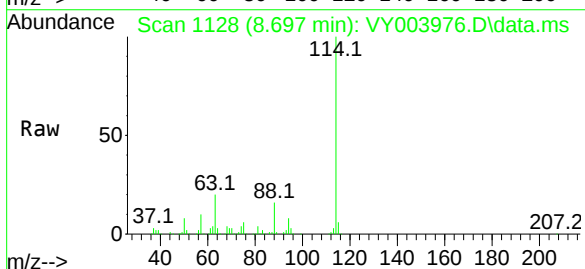
Instrument :
 MSVOA_Y
 ClientSampled :

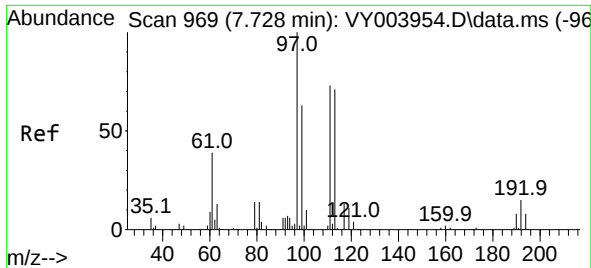
Tgt Ion: 65 Resp: 55307
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY003976.D
 Acq: 03 Feb 2021 21:44

Tgt Ion: 114 Resp: 135226
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 47.2
 88 15.8 0.0 30.2

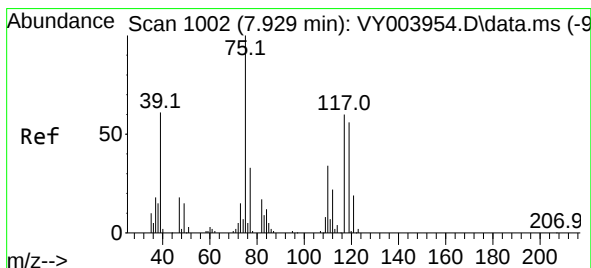
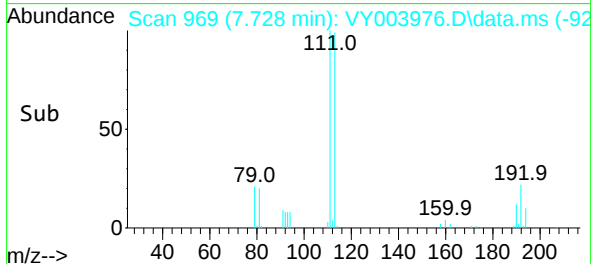
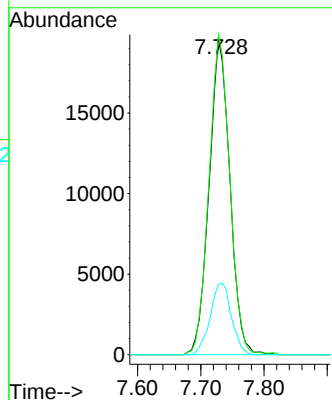
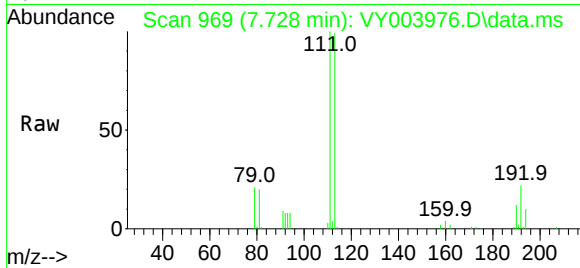




#35
Dibromofluoromethane
Concen: 56.55 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY003976.D
Acq: 03 Feb 2021 21:44

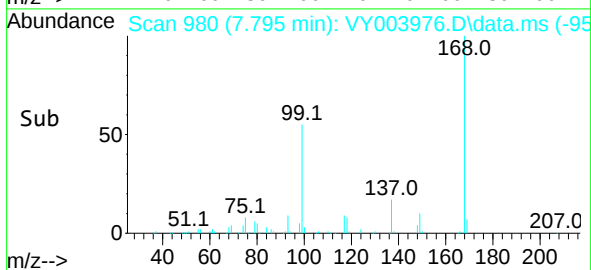
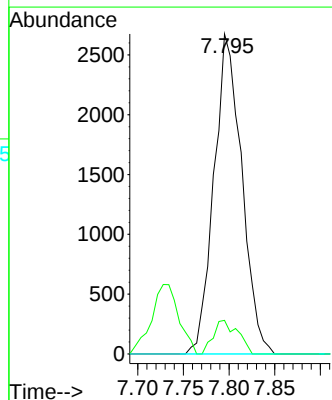
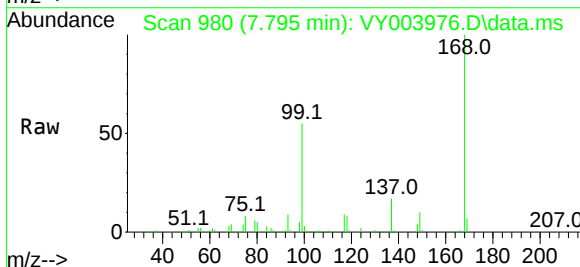
Instrument :
MSVOA_Y
ClientSampled :

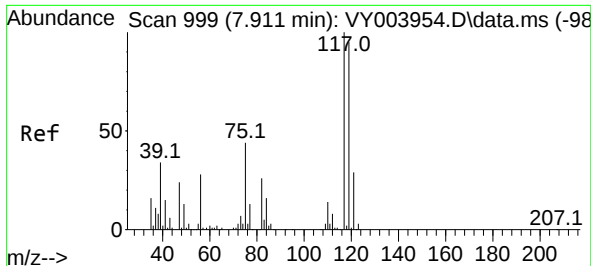
Tgt Ion:	113	Resp:	44710
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.2	123.4
192	23.1	18.3	27.5



#36
1,1-Dichloropropene
Concen: 4.13 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY003976.D
Acq: 03 Feb 2021 21:44

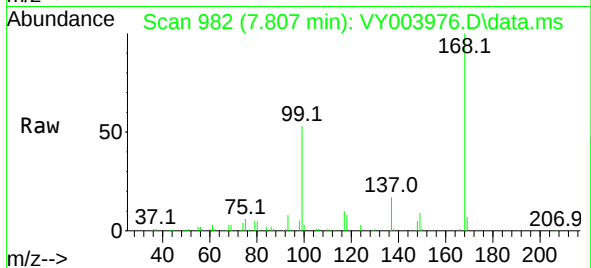
Tgt Ion:	75	Resp:	5646
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.9	53.8#
77	0.0	24.8	37.2#



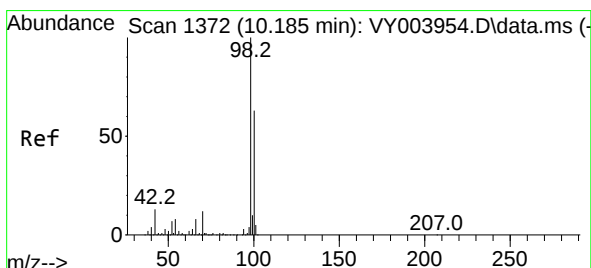
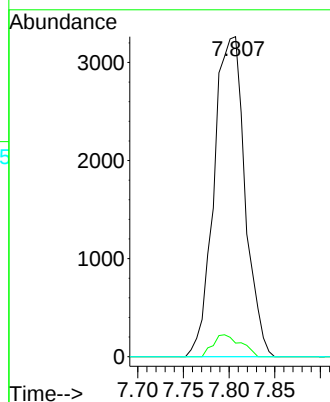
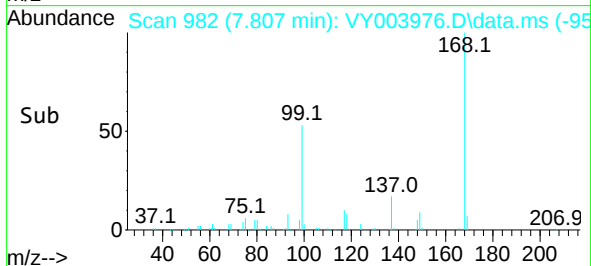


#38
Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.104 min
Lab File: VY003976.D
Acq: 03 Feb 2021 21:44

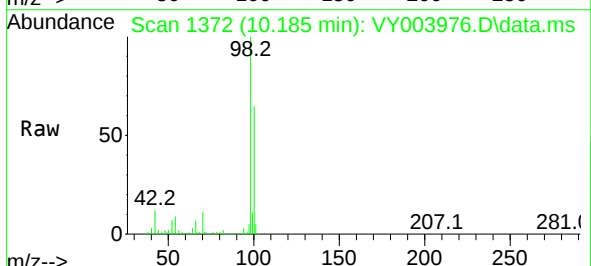
Instrument :
MSVOA_Y
ClientSampleId :



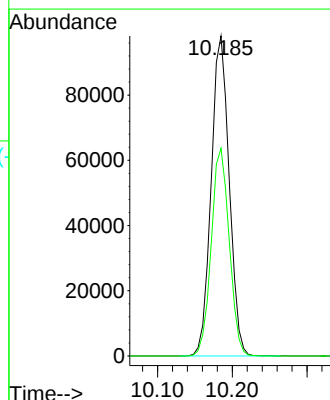
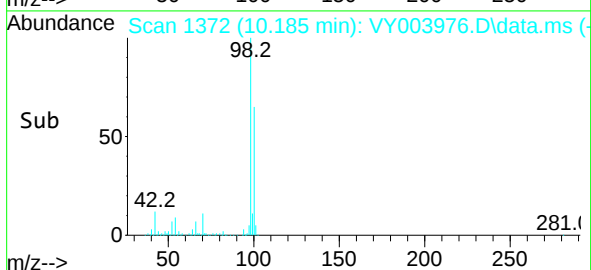
Tgt Ion:117 Resp: 7684
Ion Ratio Lower Upper
117 100
119 4.3 77.4 116.0#
121 0.0 26.1 39.1#

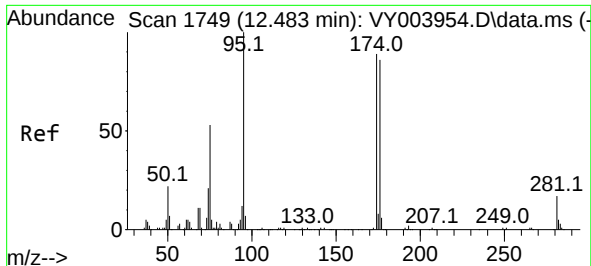


#50
Toluene-d8
Concen: 53.04 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003976.D
Acq: 03 Feb 2021 21:44



Tgt Ion: 98 Resp: 164579
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7

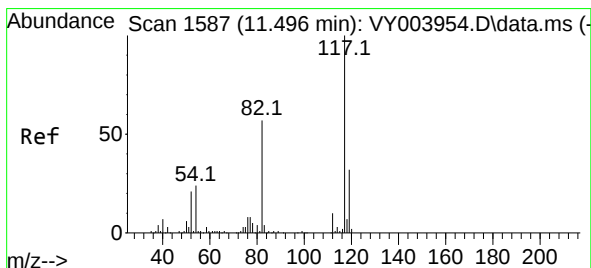
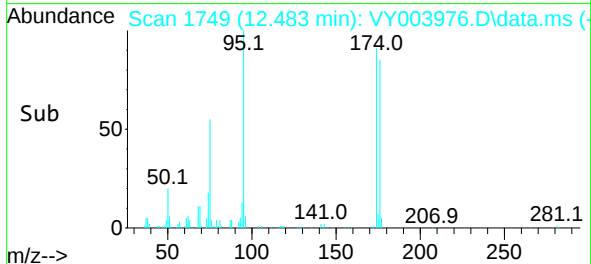
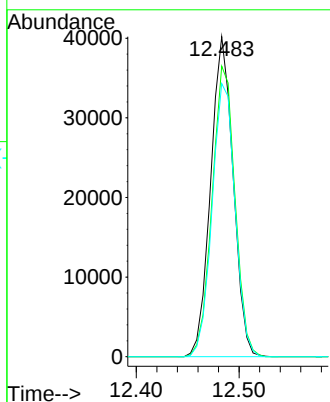
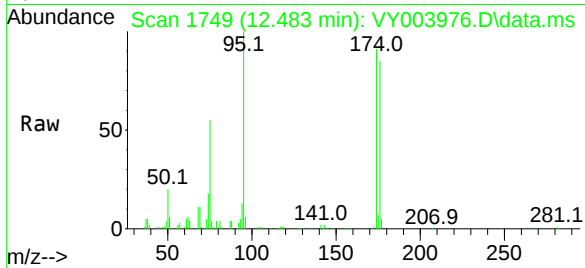




#62
4-Bromofluorobenzene
Concen: 53.89 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003976.D
Acq: 03 Feb 2021 21:44

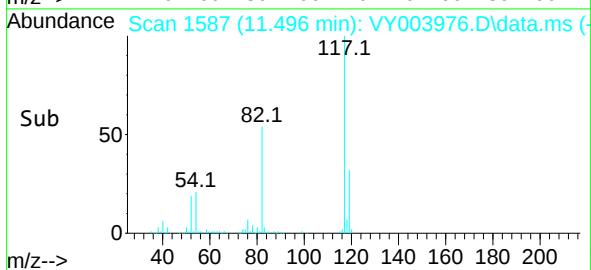
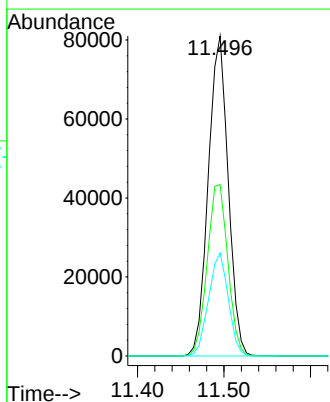
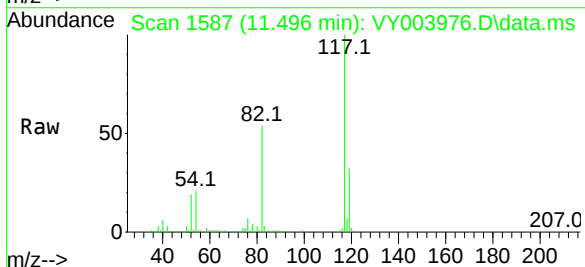
Instrument :
MSVOA_Y
ClientSampled :

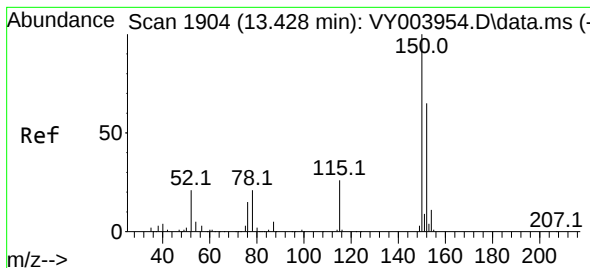
Tgt Ion: 95 Resp: 60949
Ion Ratio Lower Upper
95 100
174 92.3 0.0 184.4
176 87.1 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY003976.D
Acq: 03 Feb 2021 21:44

Tgt Ion: 117 Resp: 129172
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 32.2 25.0 37.6

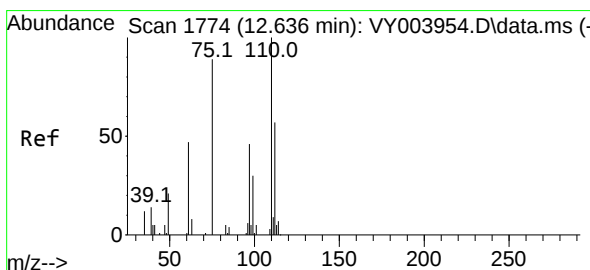
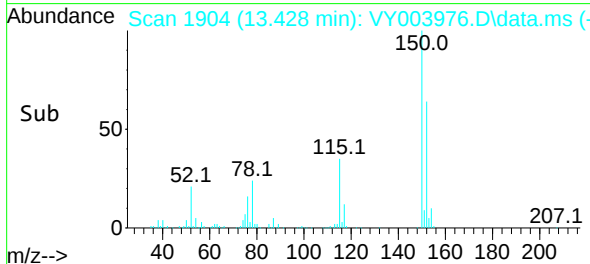
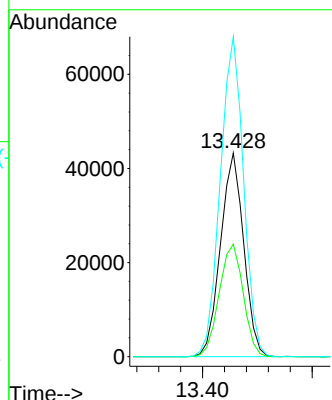
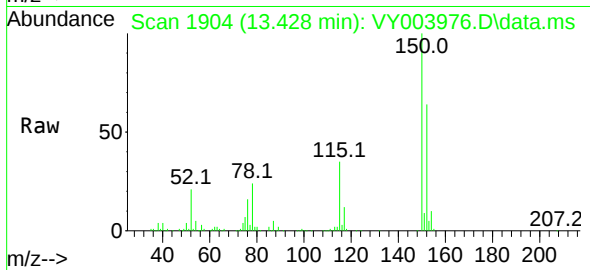




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY003976.D
 Acq: 03 Feb 2021 21:44

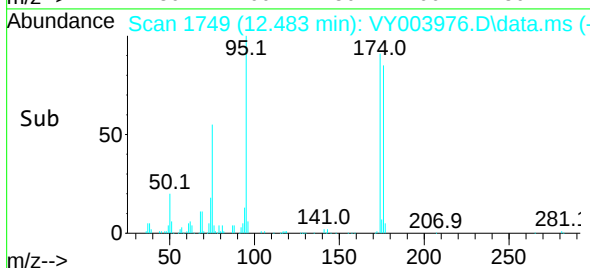
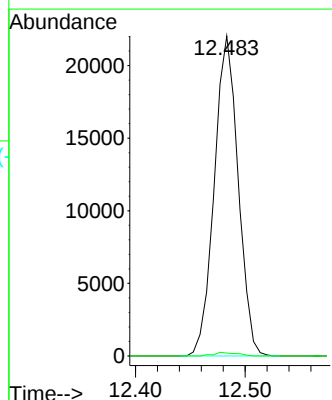
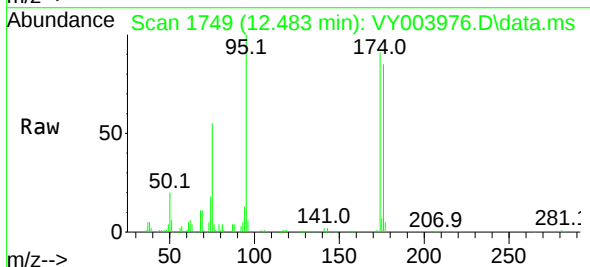
Instrument :
 MSVOA_Y
 ClientSampled :

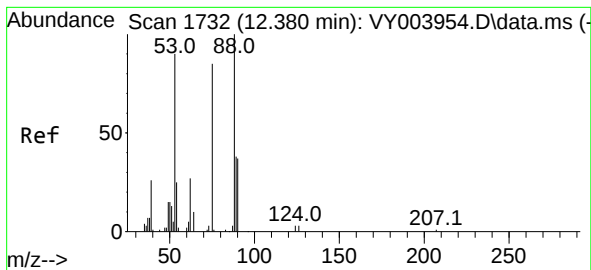
Tgt Ion:152 Resp: 63699
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.2 84.6
 150 157.4 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 52.04 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY003976.D
 Acq: 03 Feb 2021 21:44

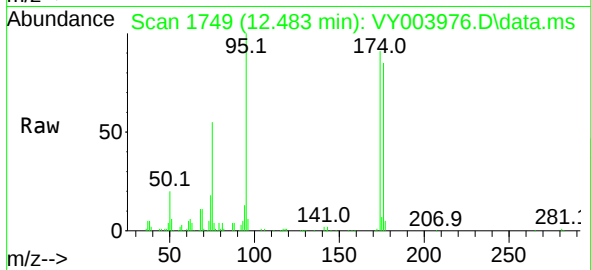
Tgt Ion: 75 Resp: 33397
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.47 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY003976.D
 Acq: 03 Feb 2021 21:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 33397
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.2#
 89 0.1 34.8 52.2#

