

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005157.D
 Acq On : 17 Jun 2021 15:24
 Operator : SY/MD
 Sample : M2749-04
 Misc : 5.77G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:02:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

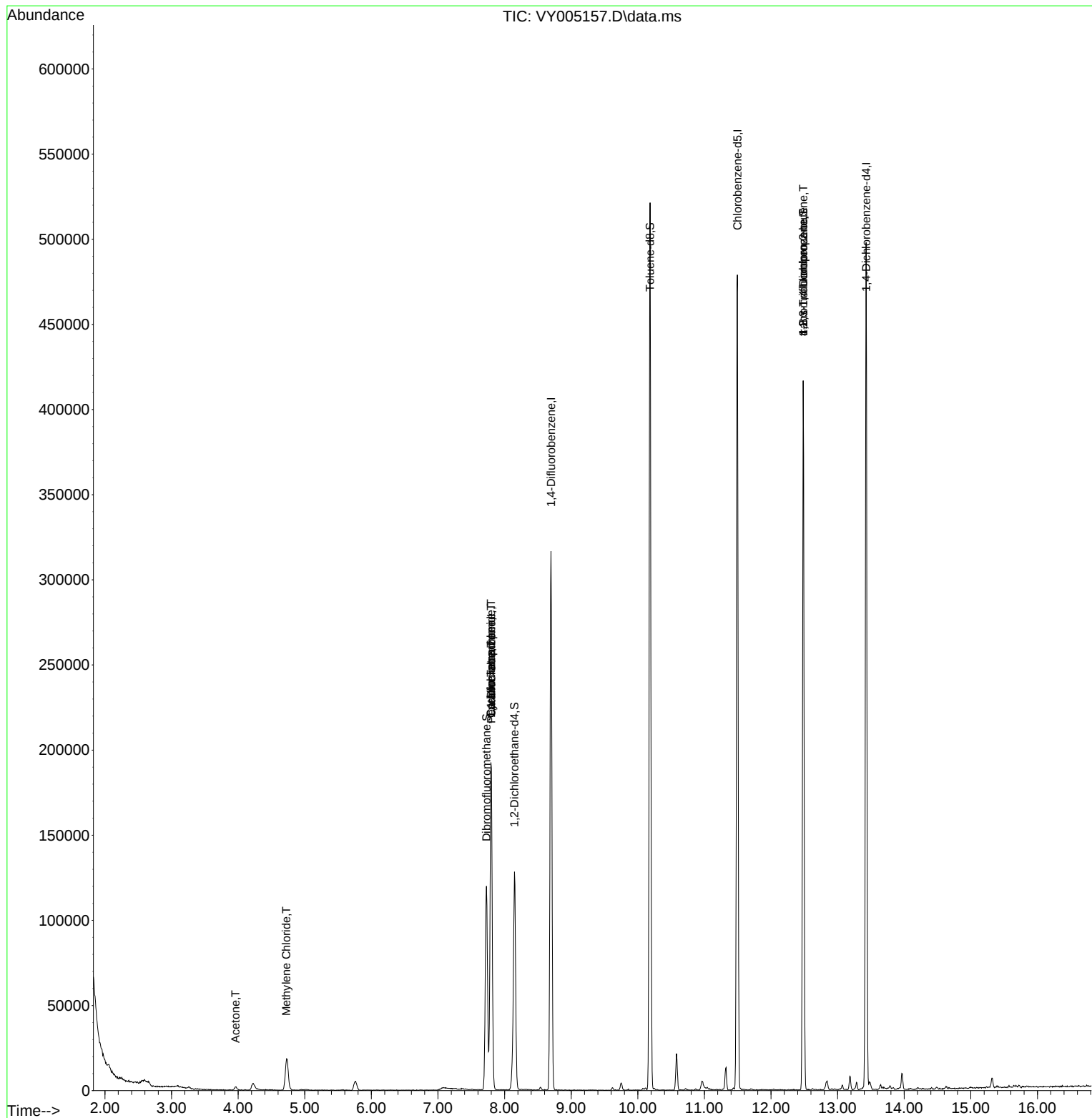
Internal Standards						
1) Pentafluorobenzene	7.801	168	151363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	274416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	269863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98198	67.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.200%
35) Dibromofluoromethane	7.728	113	85644	72.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.680%
50) Toluene-d8	10.185	98	336432	57.547	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.100%
62) 4-Bromofluorobenzene	12.483	95	113814	57.885	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.780%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	98	Below Cal	#	74
16) Acetone	3.960	43	3343	11.230	ug/l	96
20) Methylene Chloride	4.722	84	14664	2.476	ug/l	98
31) Cyclohexane	7.795	56	3145	1.263	ug/l	# 2
36) 1,1-Dichloropropene	7.795	75	11491	4.573	ug/l	# 49
38) Carbon Tetrachloride	7.795	117	15093	5.657	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	61744	53.940	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	61744	100.628	ug/l	# 11

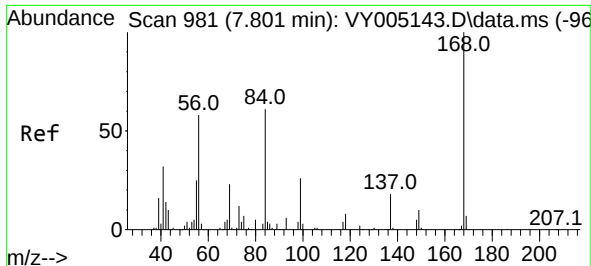
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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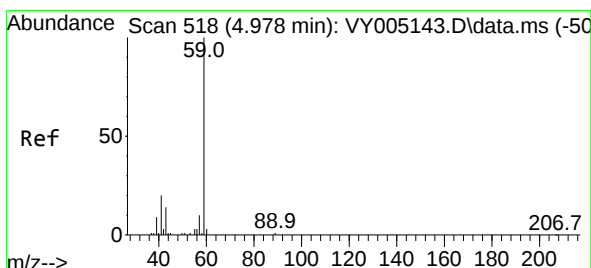
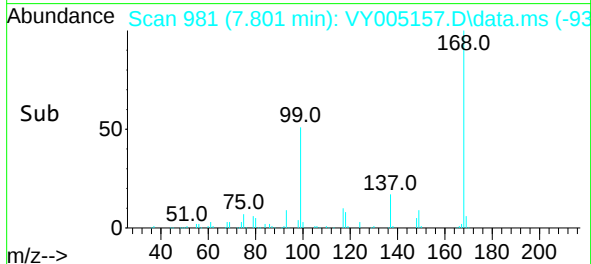
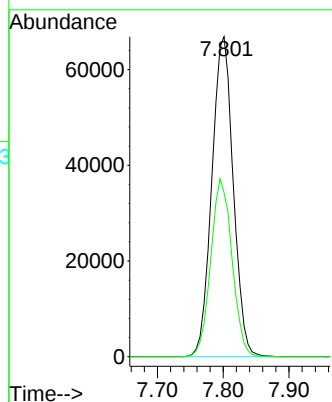
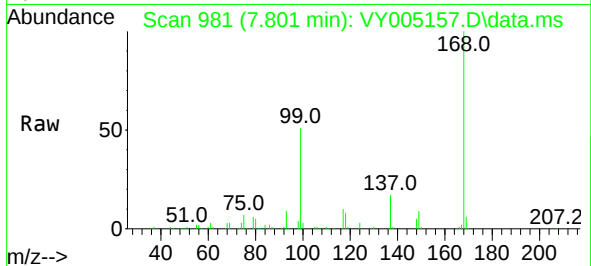




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

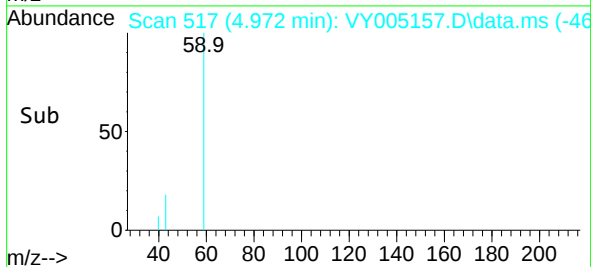
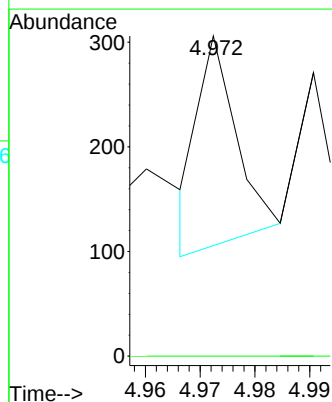
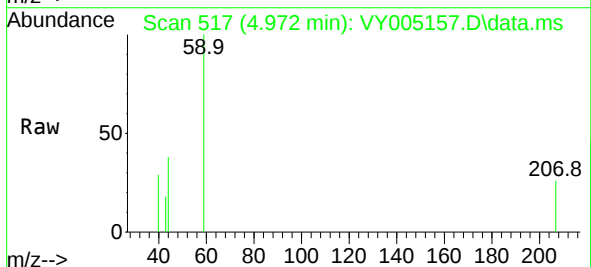
Instrument :
MSVOA_Y
ClientSampleId :

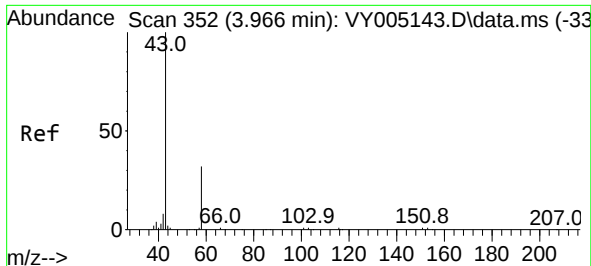
Tgt Ion:168 Resp: 151363
Ion Ratio Lower Upper
168 100
99 51.3 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

Tgt Ion: 59 Resp: 98
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

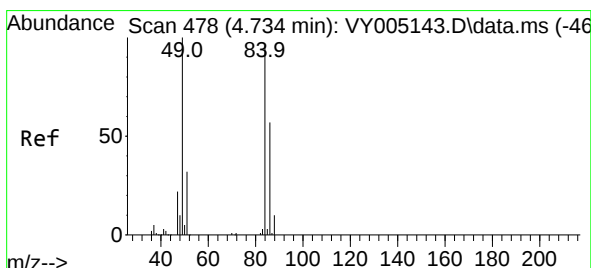
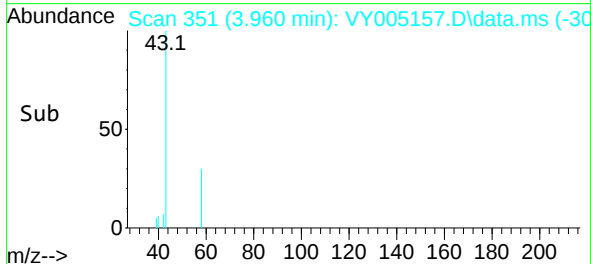
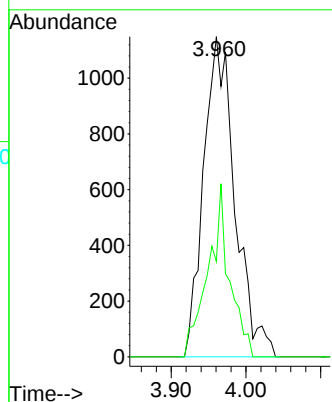
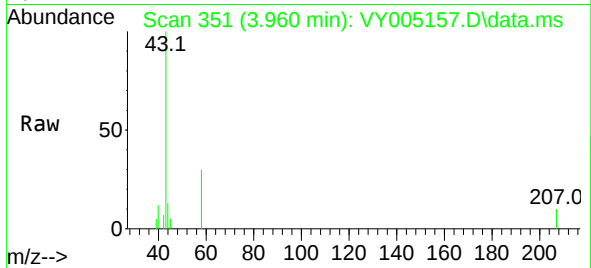




#16
Acetone
Concen: 11.230 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

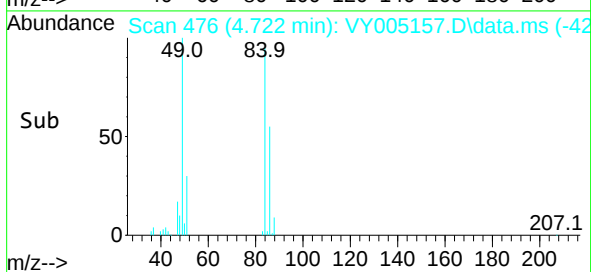
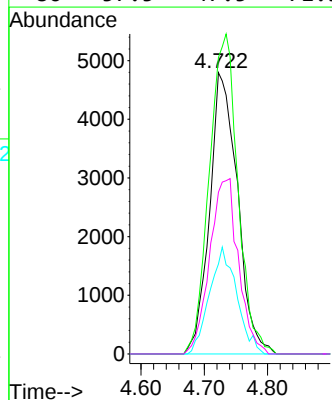
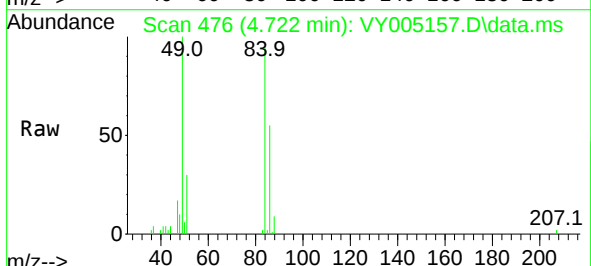
Instrument :
MSVOA_Y
ClientSampled :

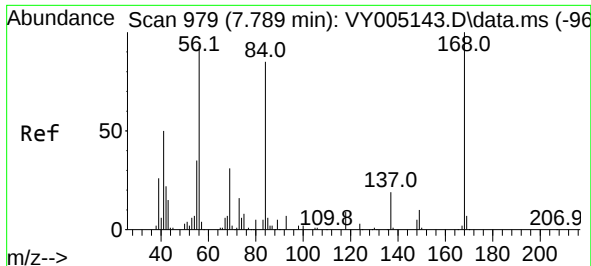
Tgt Ion: 43 Resp: 3343
Ion Ratio Lower Upper
43 100
58 29.8 25.6 38.4



#20
Methylene Chloride
Concen: 2.476 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

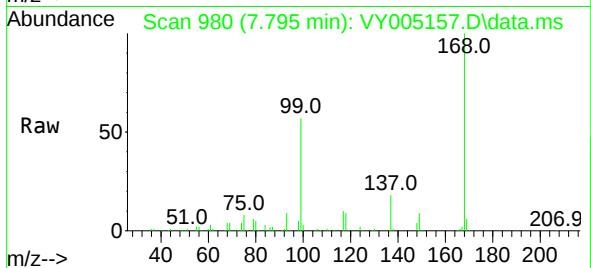
Tgt Ion: 84 Resp: 14664
Ion Ratio Lower Upper
84 100
49 105.4 83.4 125.2
51 32.0 26.8 40.2
86 57.5 47.5 71.3



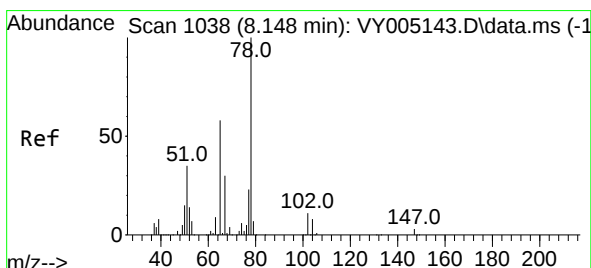
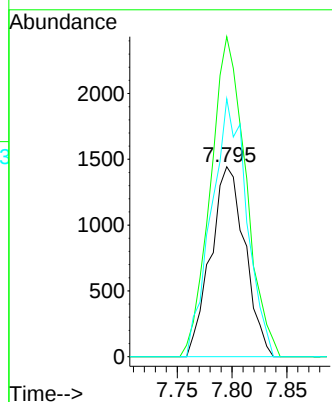
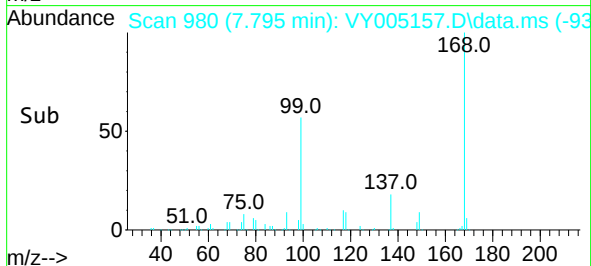


#31
Cyclohexane
Concen: 1.263 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

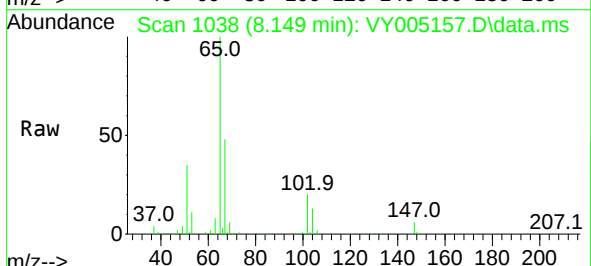
Instrument :
MSVOA_Y
ClientSampled :



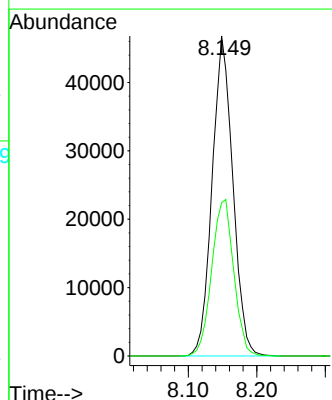
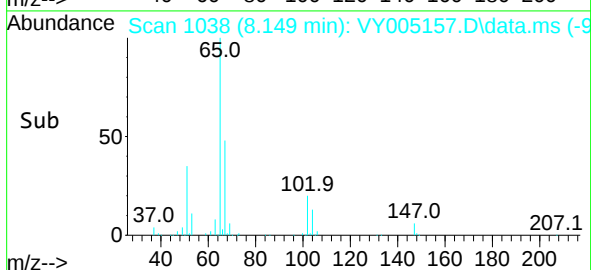
Tgt Ion: 56 Resp: 3145
Ion Ratio Lower Upper
56 100
69 168.4 26.3 39.5#
84 135.7 73.2 109.8#

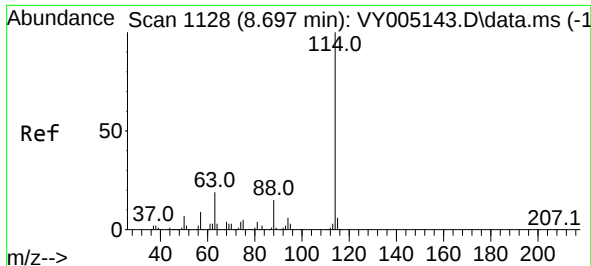


#33
1,2-Dichloroethane-d4
Concen: 67.097 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24



Tgt Ion: 65 Resp: 98198
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

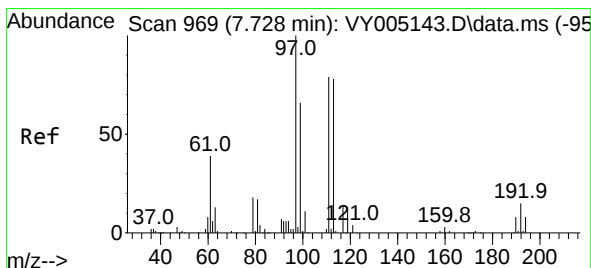
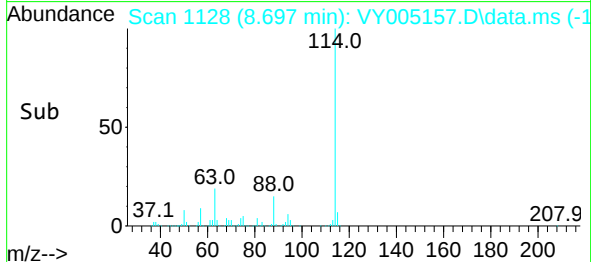
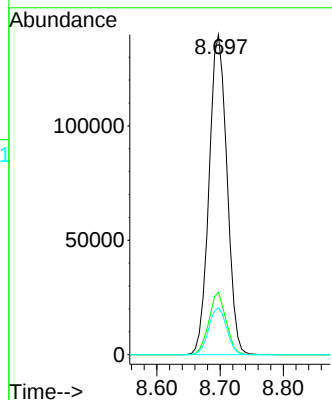
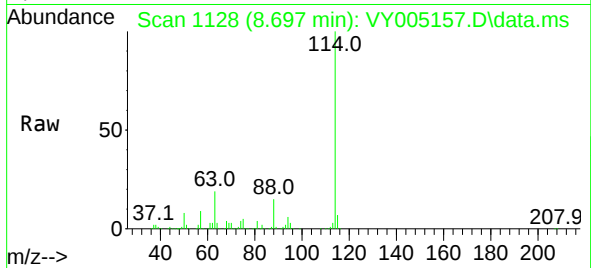




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

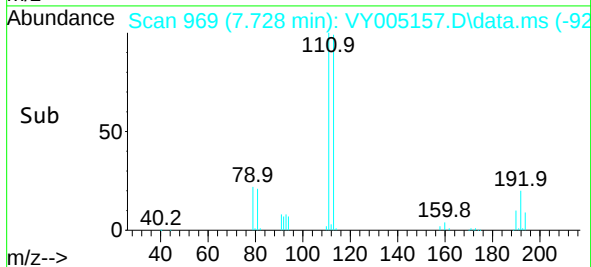
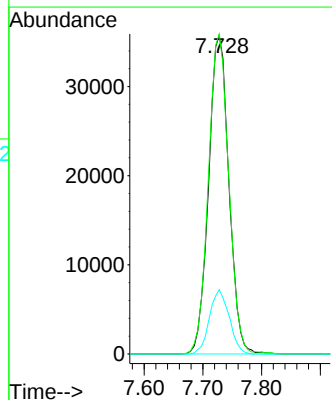
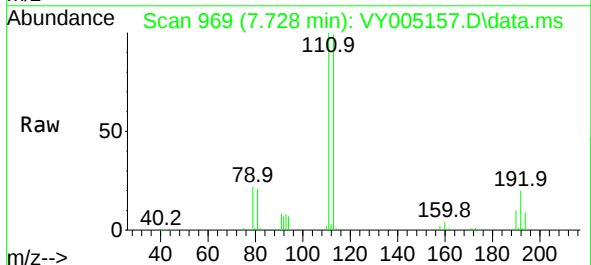
Instrument :
MSVOA_Y
ClientSampled :

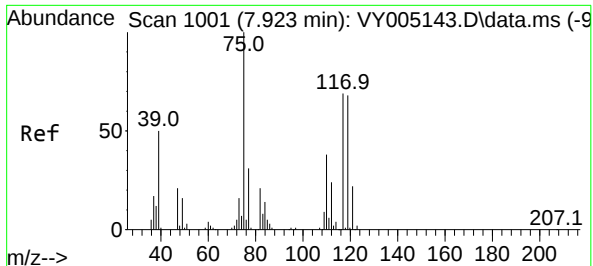
Tgt Ion:114 Resp: 274416
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.6
88 14.6 0.0 29.6



#35
Dibromofluoromethane
Concen: 72.838 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

Tgt Ion:113 Resp: 85644
Ion Ratio Lower Upper
113 100
111 100.9 82.3 123.5
192 19.6 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.573 ug/l

RT: 7.795 min Scan# 980

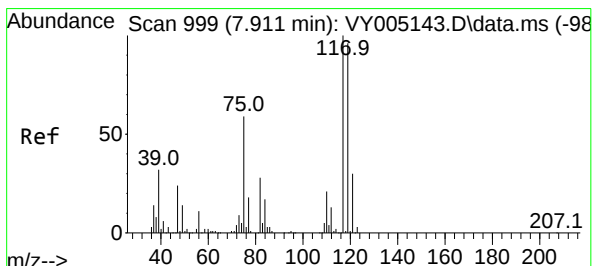
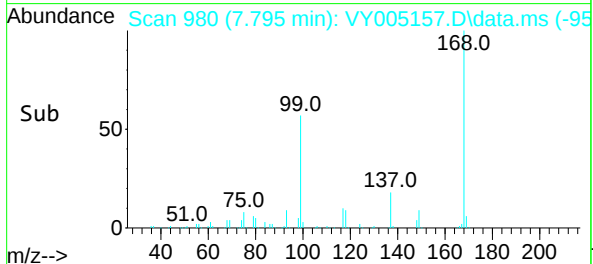
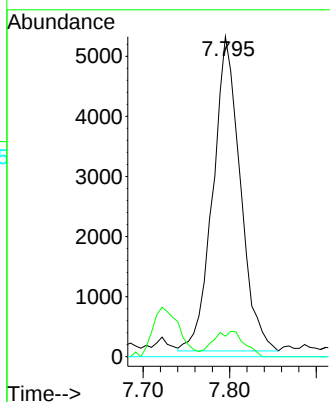
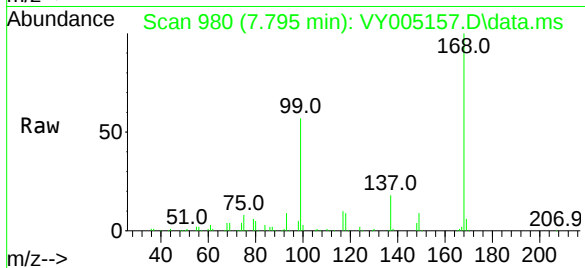
Delta R.T. -0.128 min

Lab File: VY005157.D

Acq: 17 Jun 2021 15:24

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	75	Resp:	11491
Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.8	56.3#
77	0.0	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 5.657 ug/l

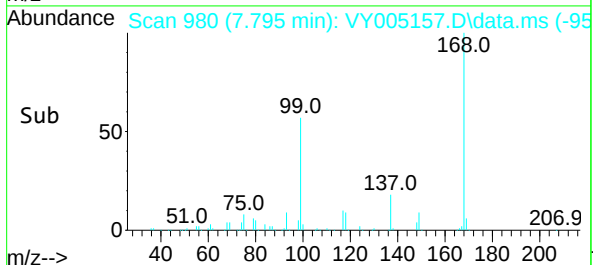
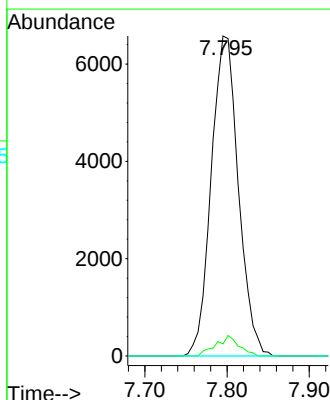
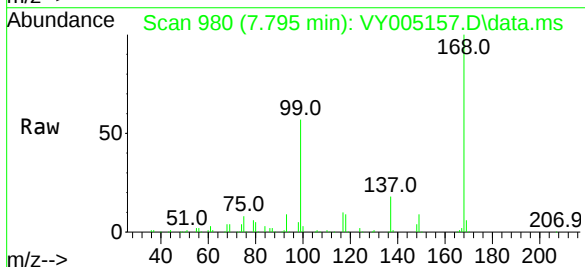
RT: 7.795 min Scan# 980

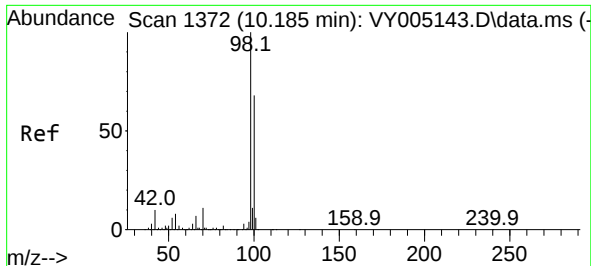
Delta R.T. -0.116 min

Lab File: VY005157.D

Acq: 17 Jun 2021 15:24

Tgt Ion:	117	Resp:	15093
Ion	Ratio	Lower	Upper
117	100		
119	3.7	76.9	115.3#
121	0.0	24.2	36.4#

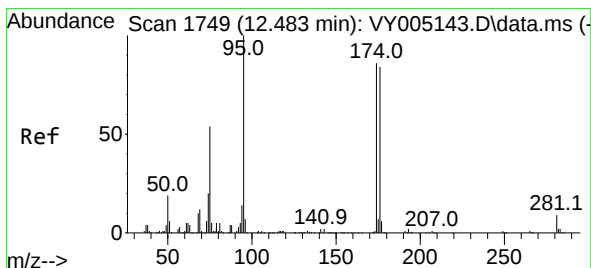
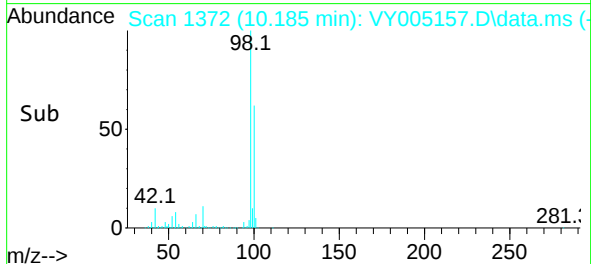
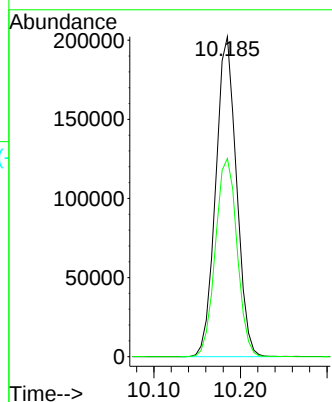
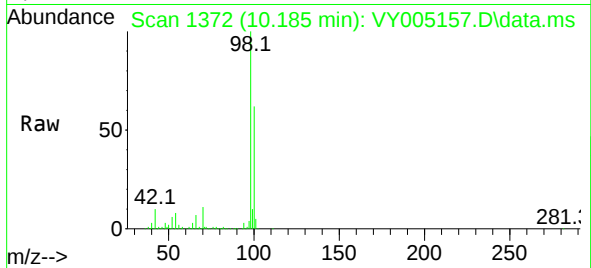




#50
Toluene-d8
Concen: 57.547 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

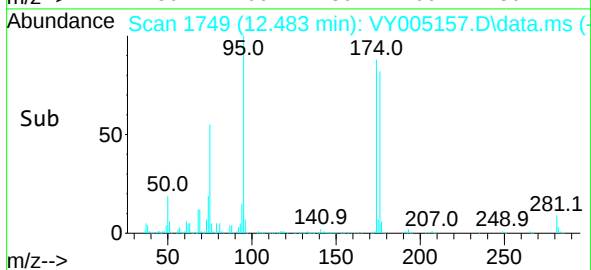
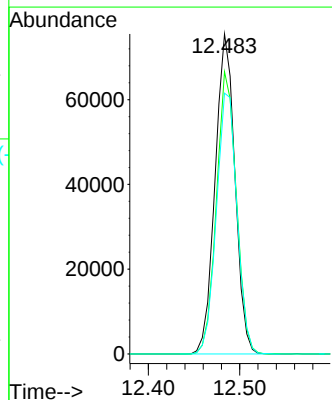
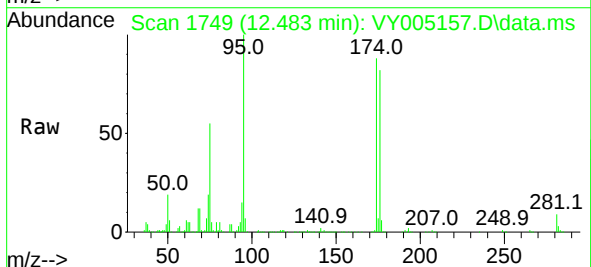
Instrument :
MSVOA_Y
ClientSampled :

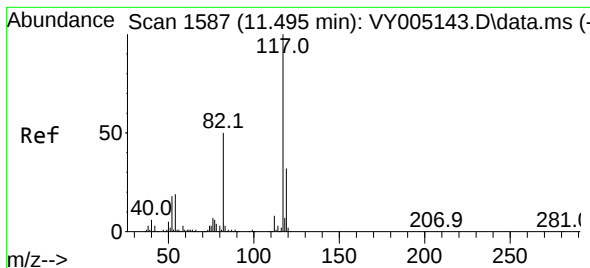
Tgt Ion: 98 Resp: 336432
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 57.885 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

Tgt Ion: 95 Resp: 113814
Ion Ratio Lower Upper
95 100
174 88.5 0.0 179.2
176 84.7 0.0 174.0

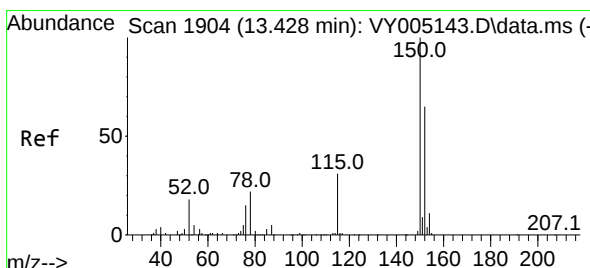
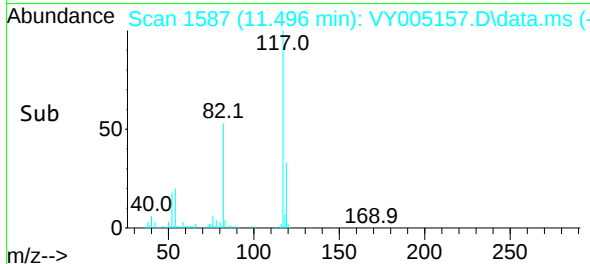
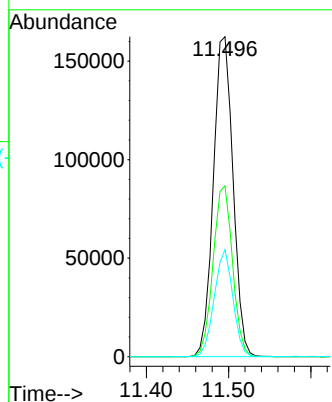
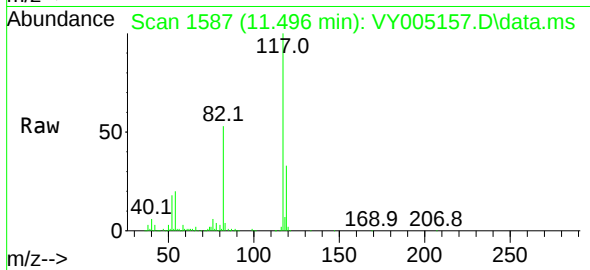




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

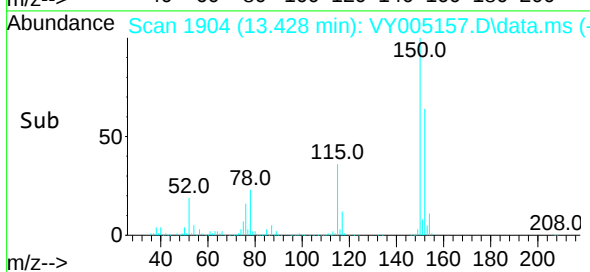
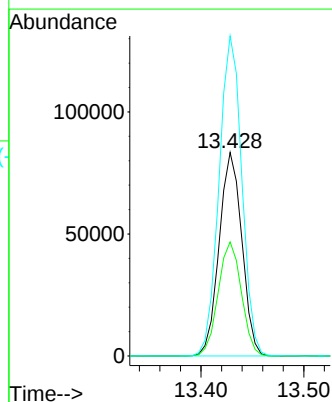
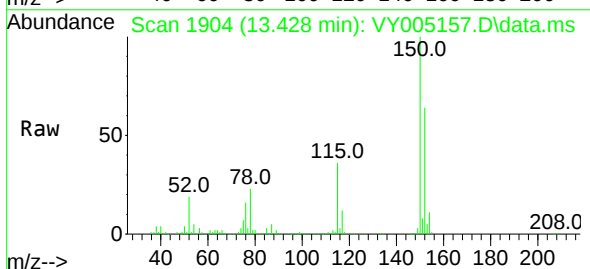
Instrument :
MSVOA_Y
ClientSampleId :

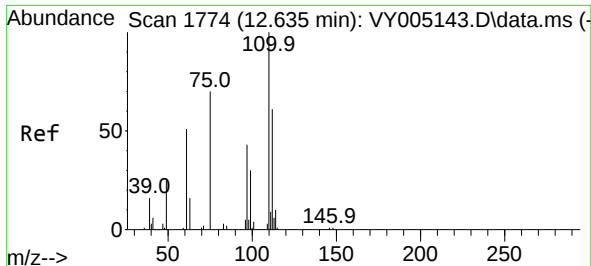
Tgt Ion:117 Resp: 269863
Ion Ratio Lower Upper
117 100
82 53.4 39.8 59.6
119 33.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

Tgt Ion:152 Resp: 127882
Ion Ratio Lower Upper
152 100
115 57.0 29.5 88.6
150 157.7 0.0 348.2

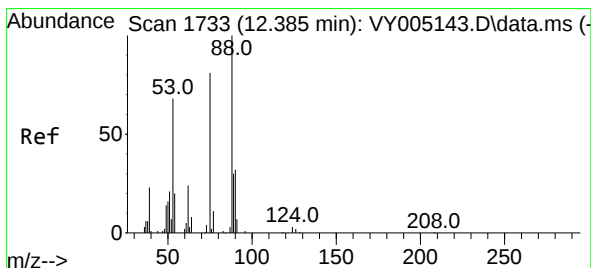
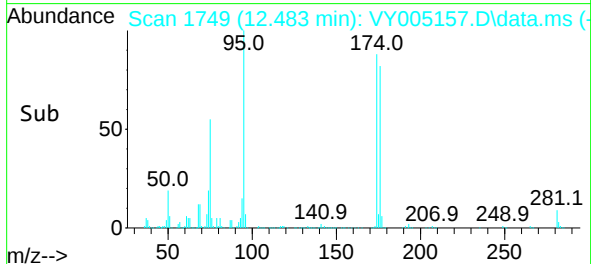
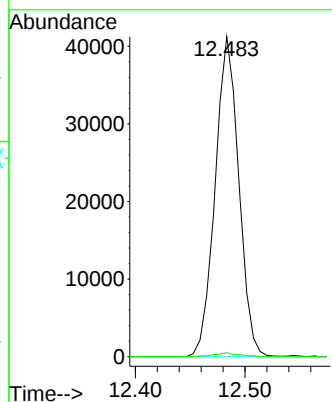
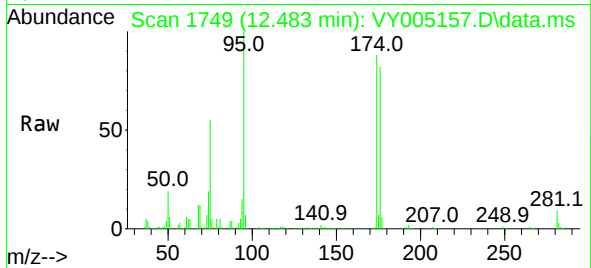




#76
1,2,3-Trichloropropane
Concen: 53.940 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 61744
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.628 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY005157.D
Acq: 17 Jun 2021 15:24

Tgt Ion: 75 Resp: 61744
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.1 44.1 66.1#

