

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005159.D
 Acq On : 17 Jun 2021 16:10
 Operator : SY/MD
 Sample : M2749-06
 Misc : 5.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:02:57 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)

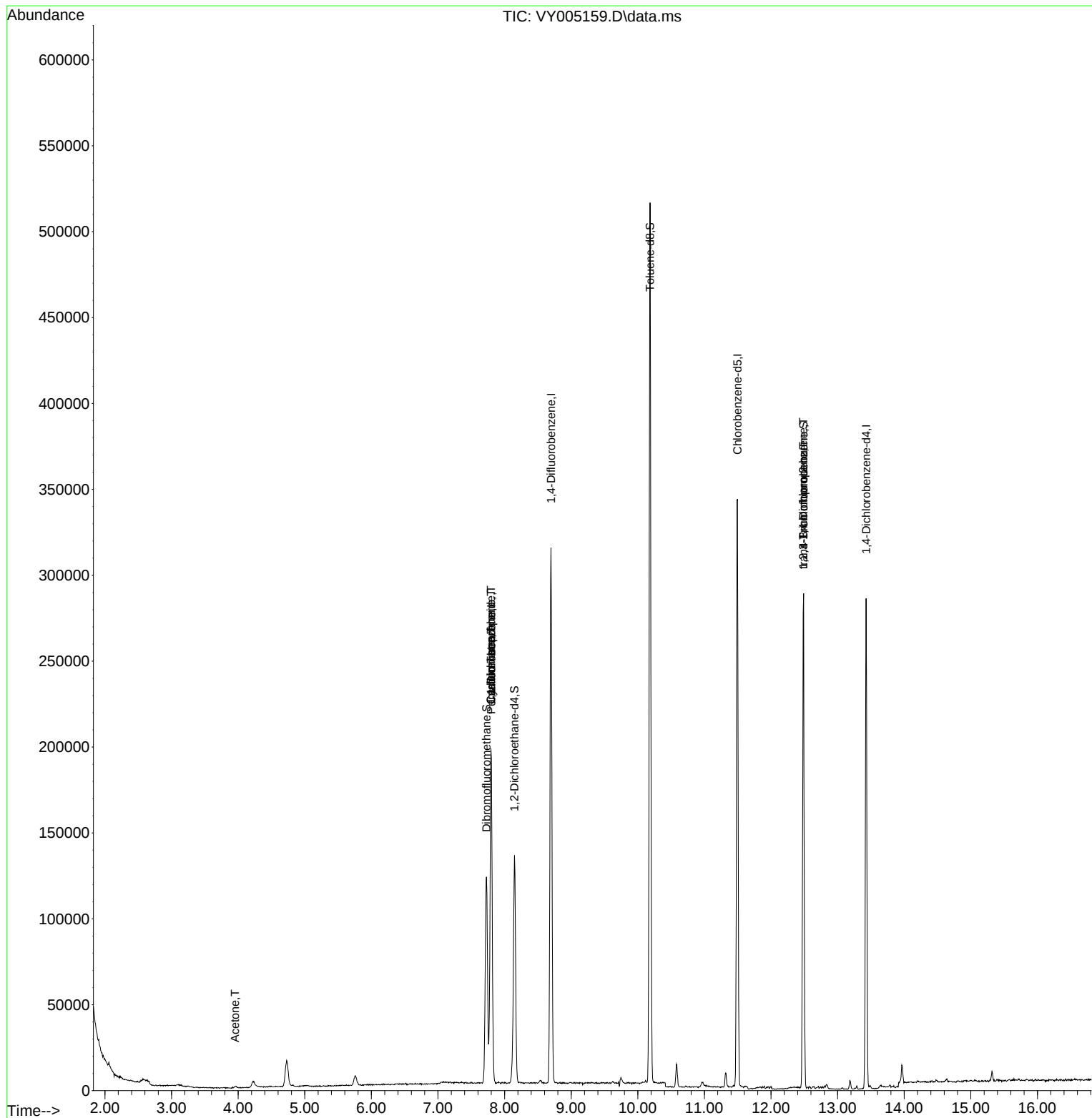
Internal Standards						
1) Pentafluorobenzene	7.801	168	149706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	268144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70698	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102711	70.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.920%	
35) Dibromofluoromethane	7.728	113	86147	75.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 150.360%#	
50) Toluene-d8	10.185	98	326762	57.200	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.400%	
62) 4-Bromofluorobenzene	12.489	95	72009	37.480	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.960%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	341	Below Cal	#	74
16) Acetone	3.954	43	1583	5.377	ug/l #	85
31) Cyclohexane	7.795	56	3341	1.357	ug/l #	6
36) 1,1-Dichloropropene	7.795	75	11319	4.610	ug/l #	49
38) Carbon Tetrachloride	7.795	117	14838	5.692	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	44279	69.970	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44279	130.534	ug/l #	11

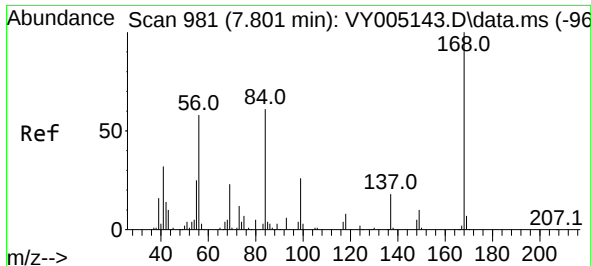
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 03:02:57 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

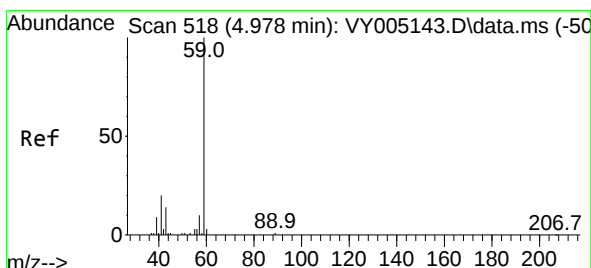
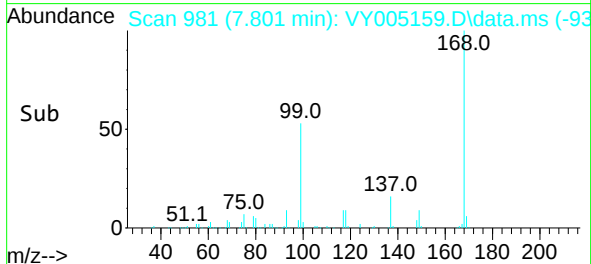
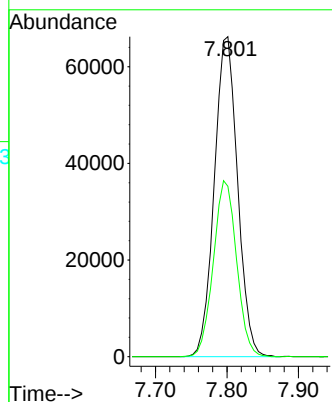
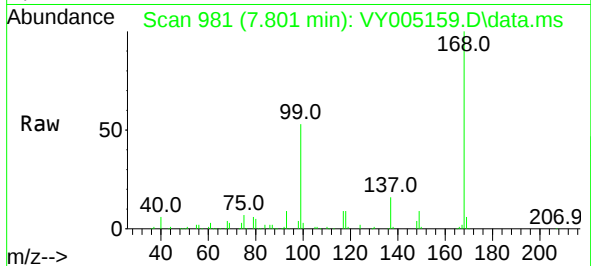




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

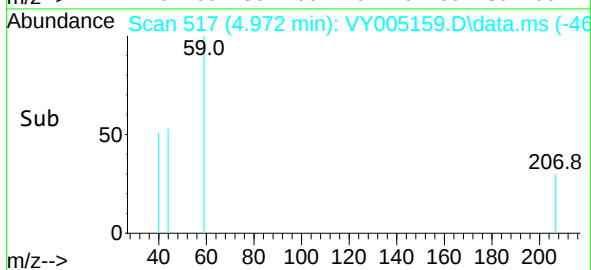
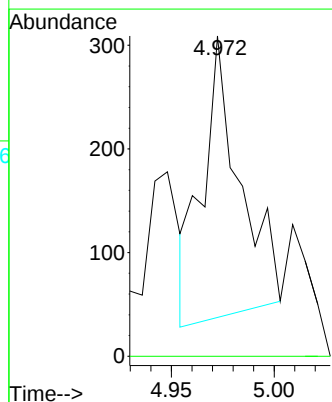
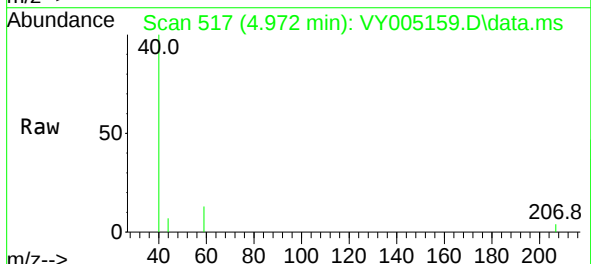
Instrument :
MSVOA_Y
ClientSampleId :

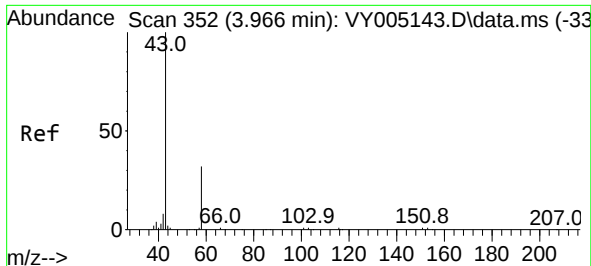
Tgt Ion:168 Resp: 149706
Ion Ratio Lower Upper
168 100
99 53.3 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

Tgt Ion: 59 Resp: 341
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

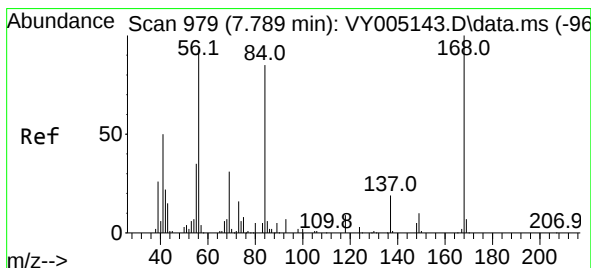
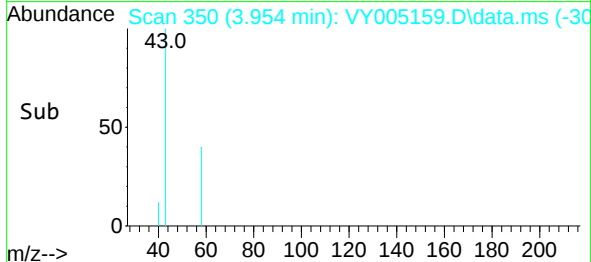
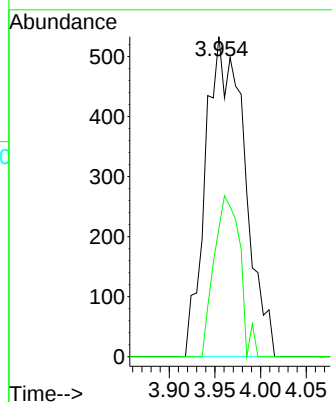
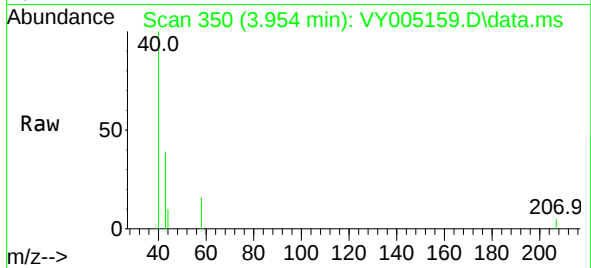




#16
Acetone
Concen: 5.377 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

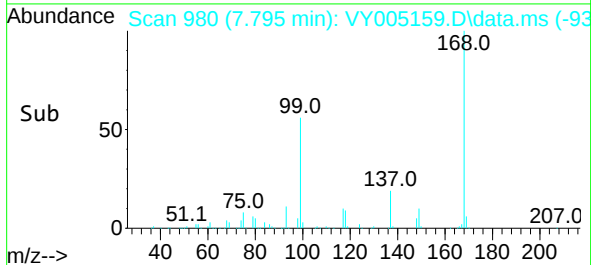
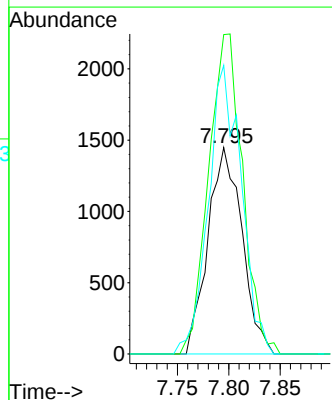
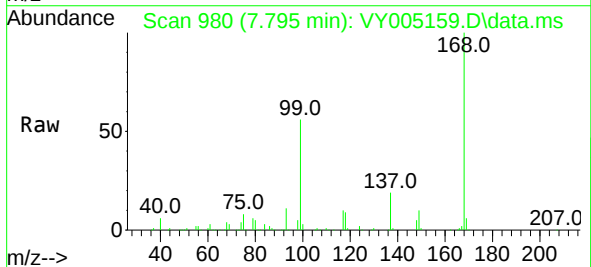
Instrument :
MSVOA_Y
ClientSampleId :

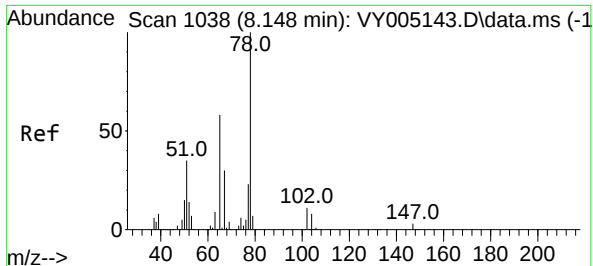
Tgt Ion: 43 Resp: 1583
Ion Ratio Lower Upper
43 100
58 40.2 25.6 38.4#



#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

Tgt Ion: 56 Resp: 3341
Ion Ratio Lower Upper
56 100
69 154.8 26.3 39.5#
84 139.8 73.2 109.8#

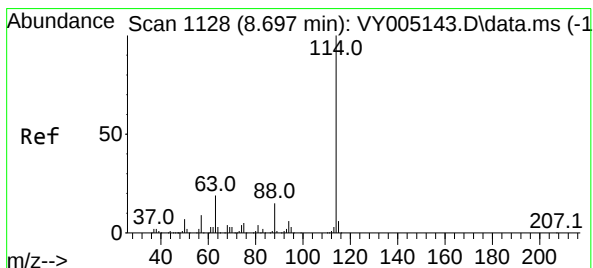
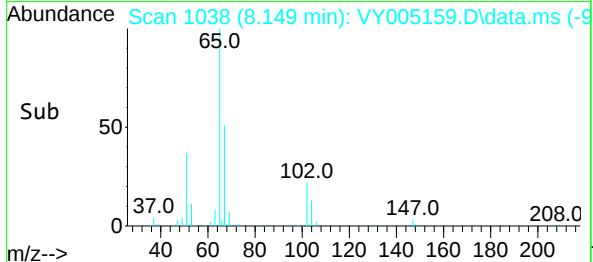
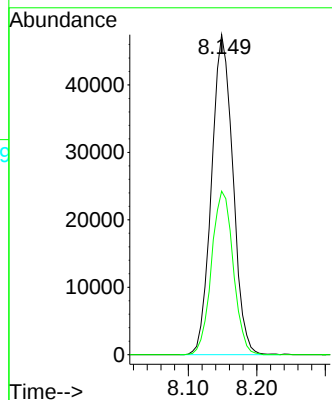
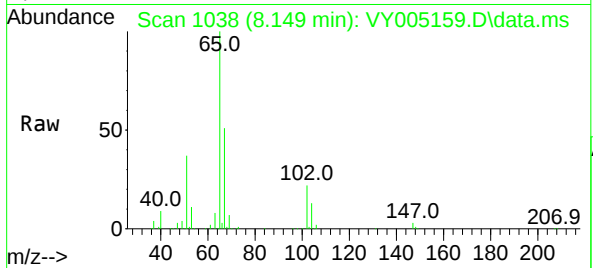




#33
1,2-Dichloroethane-d4
Concen: 70.958 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

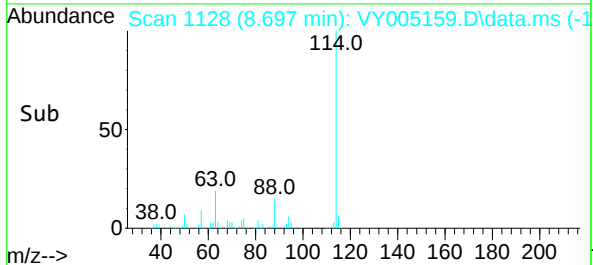
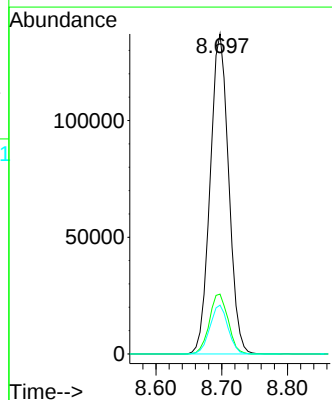
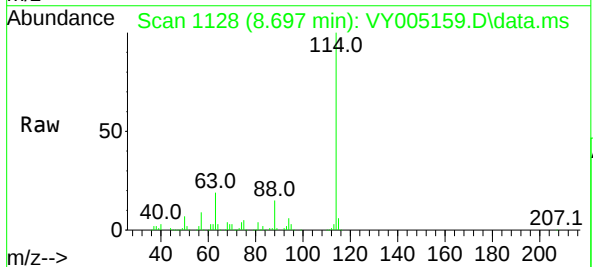
Instrument :
MSVOA_Y
ClientSampled :

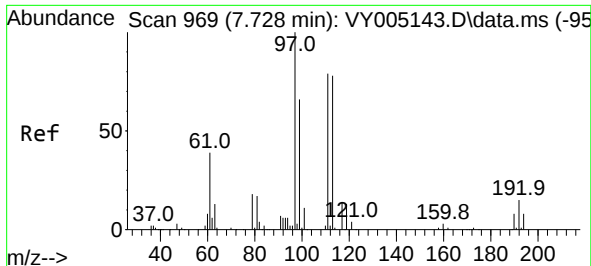
Tgt Ion: 65 Resp: 102711
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

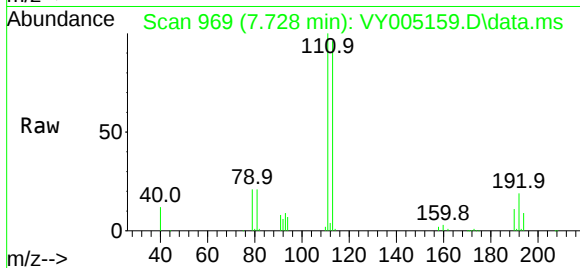
Tgt Ion:114 Resp: 268144
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.6
88 15.2 0.0 29.6



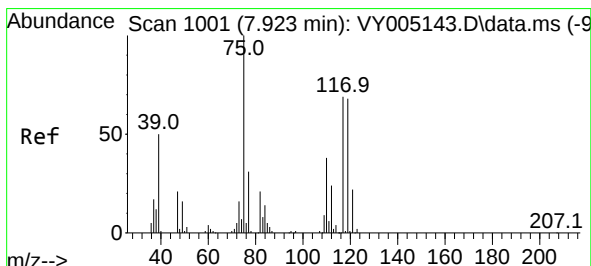
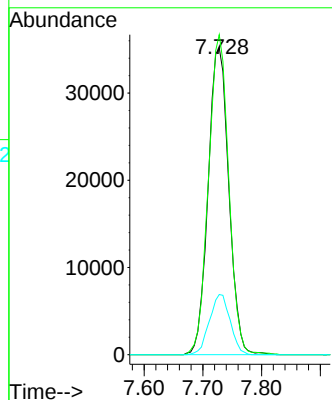
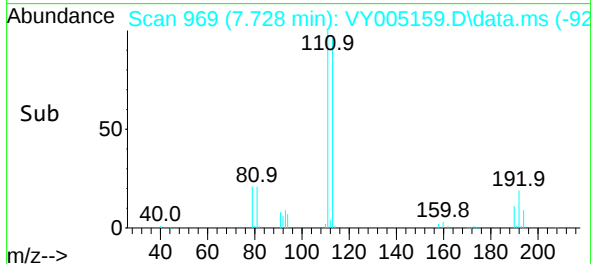


#35
Dibromofluoromethane
Concen: 75.179 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

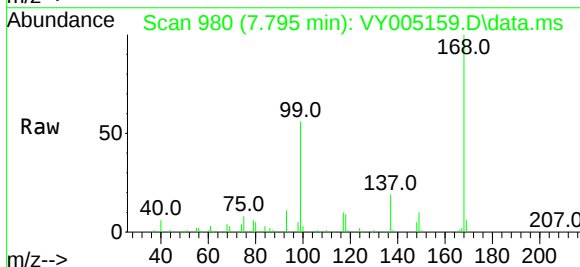
Instrument :
MSVOA_Y
ClientSampleId :



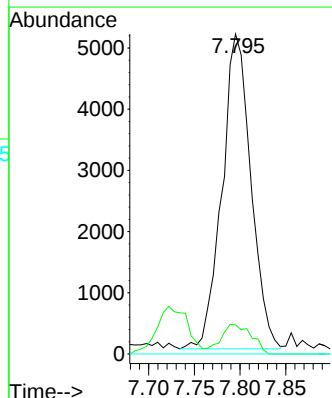
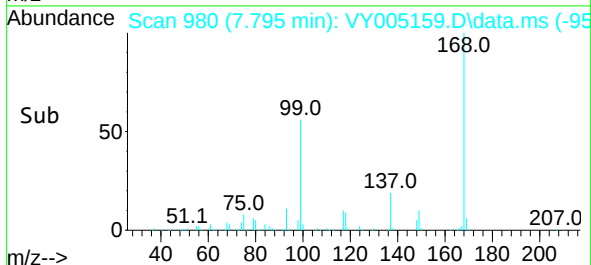
Tgt Ion:113 Resp: 86147
Ion Ratio Lower Upper
113 100
111 102.1 82.3 123.5
192 19.6 16.2 24.2

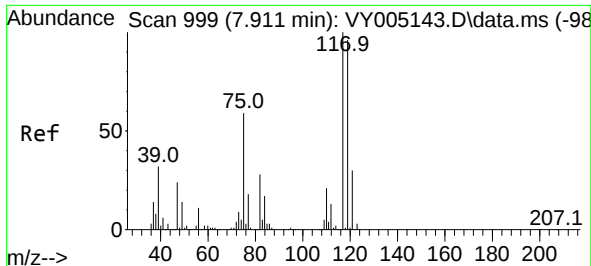


#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10



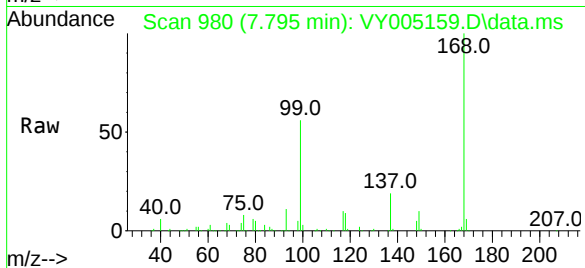
Tgt Ion: 75 Resp: 11319
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.3#
77 0.0 24.6 36.8#



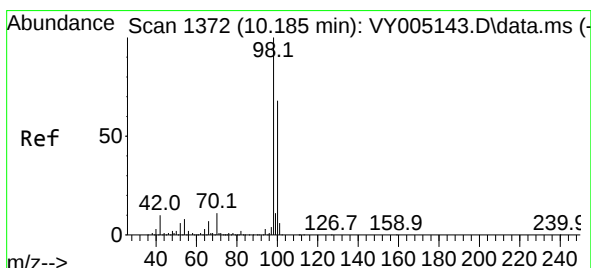
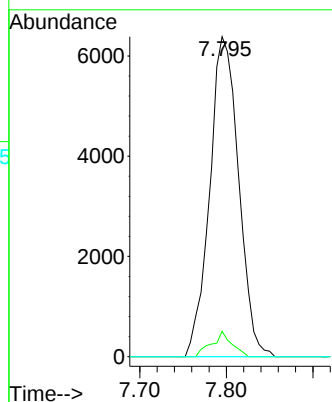
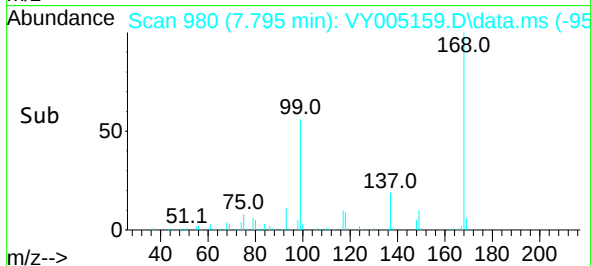


#38
Carbon Tetrachloride
Concen: 5.692 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

Instrument :
MSVOA_Y
ClientSampleId :

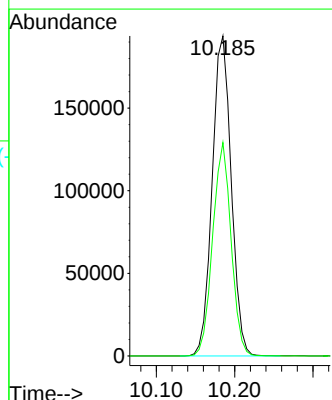
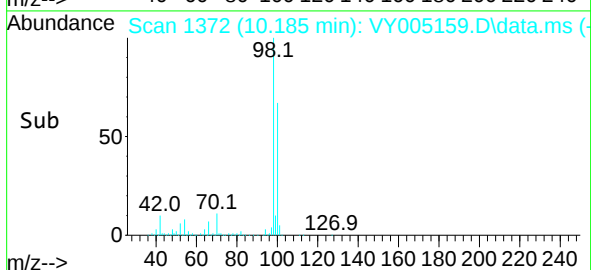
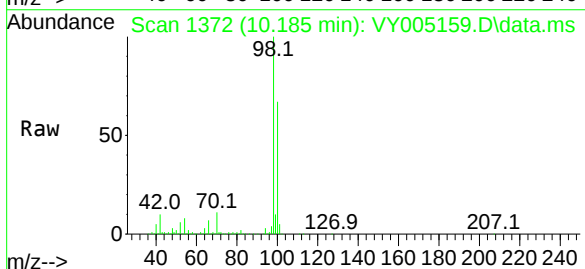


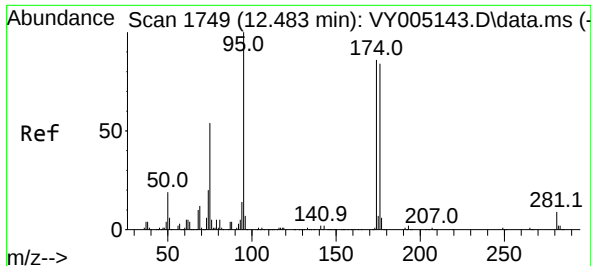
Tgt Ion:117 Resp: 14838
Ion Ratio Lower Upper
117 100
119 7.9 76.9 115.3#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 57.200 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

Tgt Ion: 98 Resp: 326762
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

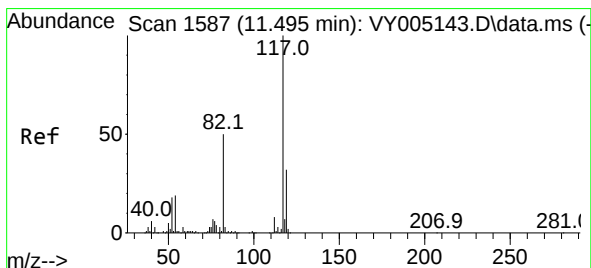
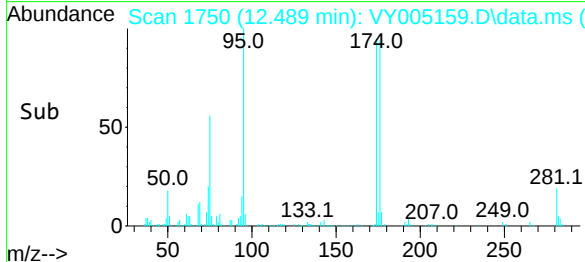
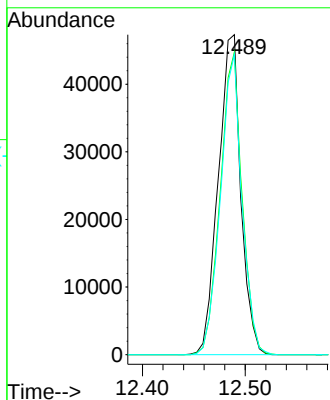
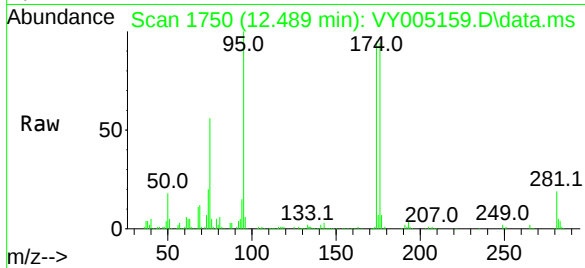




#62
4-Bromofluorobenzene
Concen: 37.480 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

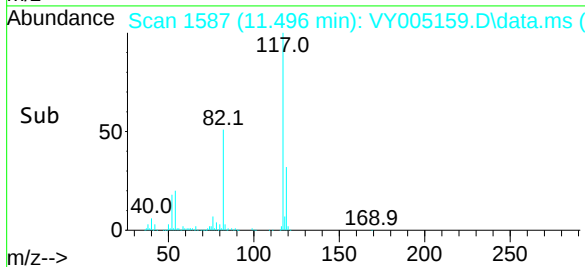
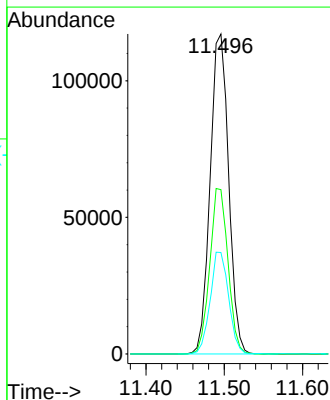
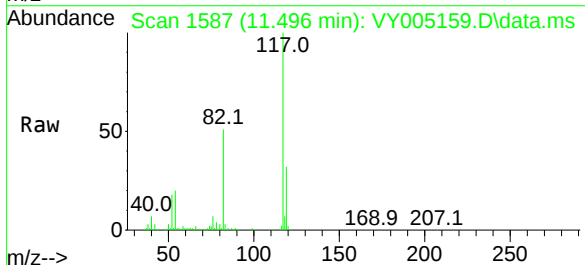
Instrument :
MSVOA_Y
ClientSampleId :

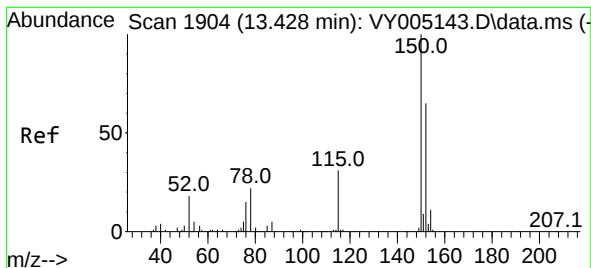
Tgt Ion: 95 Resp: 72009
Ion Ratio Lower Upper
95 100
174 91.7 0.0 179.2
176 89.4 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005159.D
Acq: 17 Jun 2021 16:10

Tgt Ion: 117 Resp: 191689
Ion Ratio Lower Upper
117 100
82 51.4 39.8 59.6
119 31.7 25.9 38.9

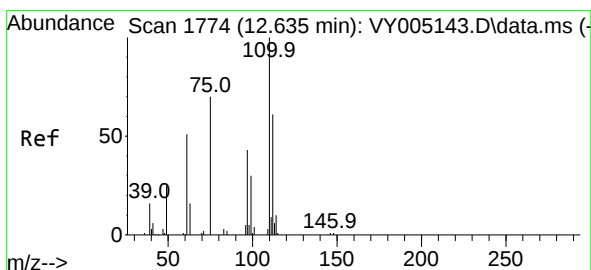
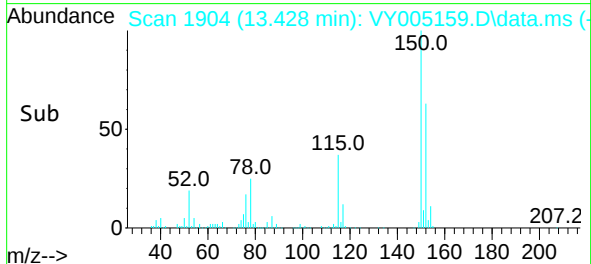
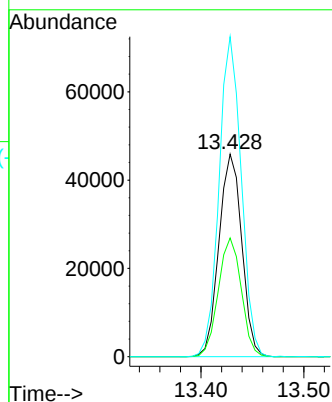
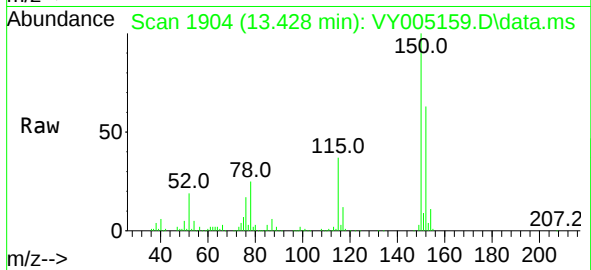




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005159.D
 Acq: 17 Jun 2021 16:10

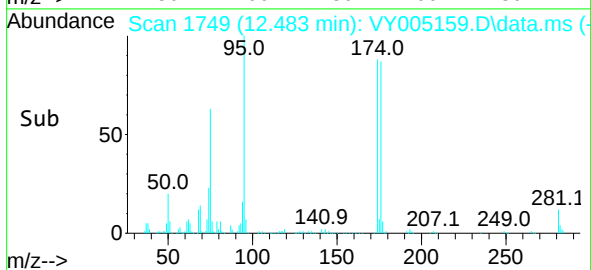
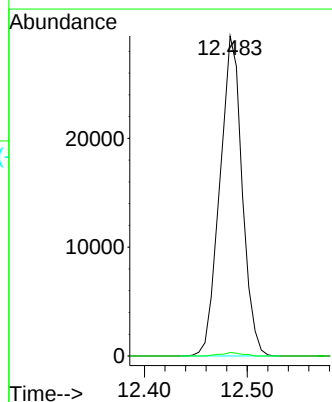
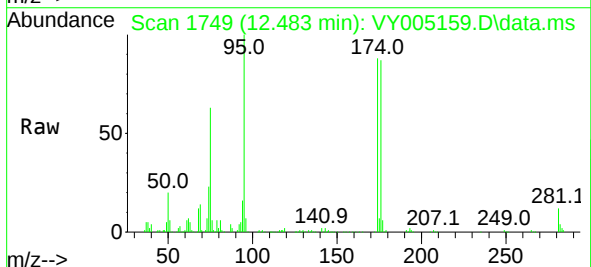
Instrument :
 MSVOA_Y
 ClientSampled :

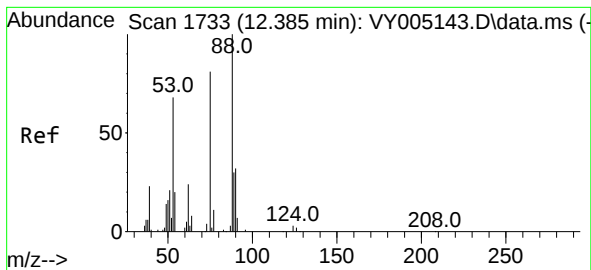
Tgt Ion:152 Resp: 70698
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.5 88.6
 150 153.6 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 69.970 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005159.D
 Acq: 17 Jun 2021 16:10

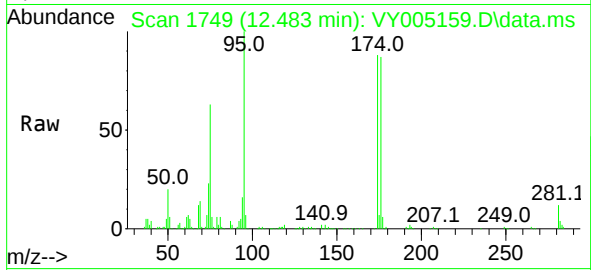
Tgt Ion: 75 Resp: 44279
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 130.534 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY005159.D
 Acq: 17 Jun 2021 16:10

Instrument :
 MSVOA_Y
 ClientSampleId :



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

