

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081821\
 Data File : VY005750.D
 Acq On : 18 Aug 2021 19:14
 Operator : SY/MD
 Sample : M3414-06
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4B

Quant Time: Aug 19 05:19:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

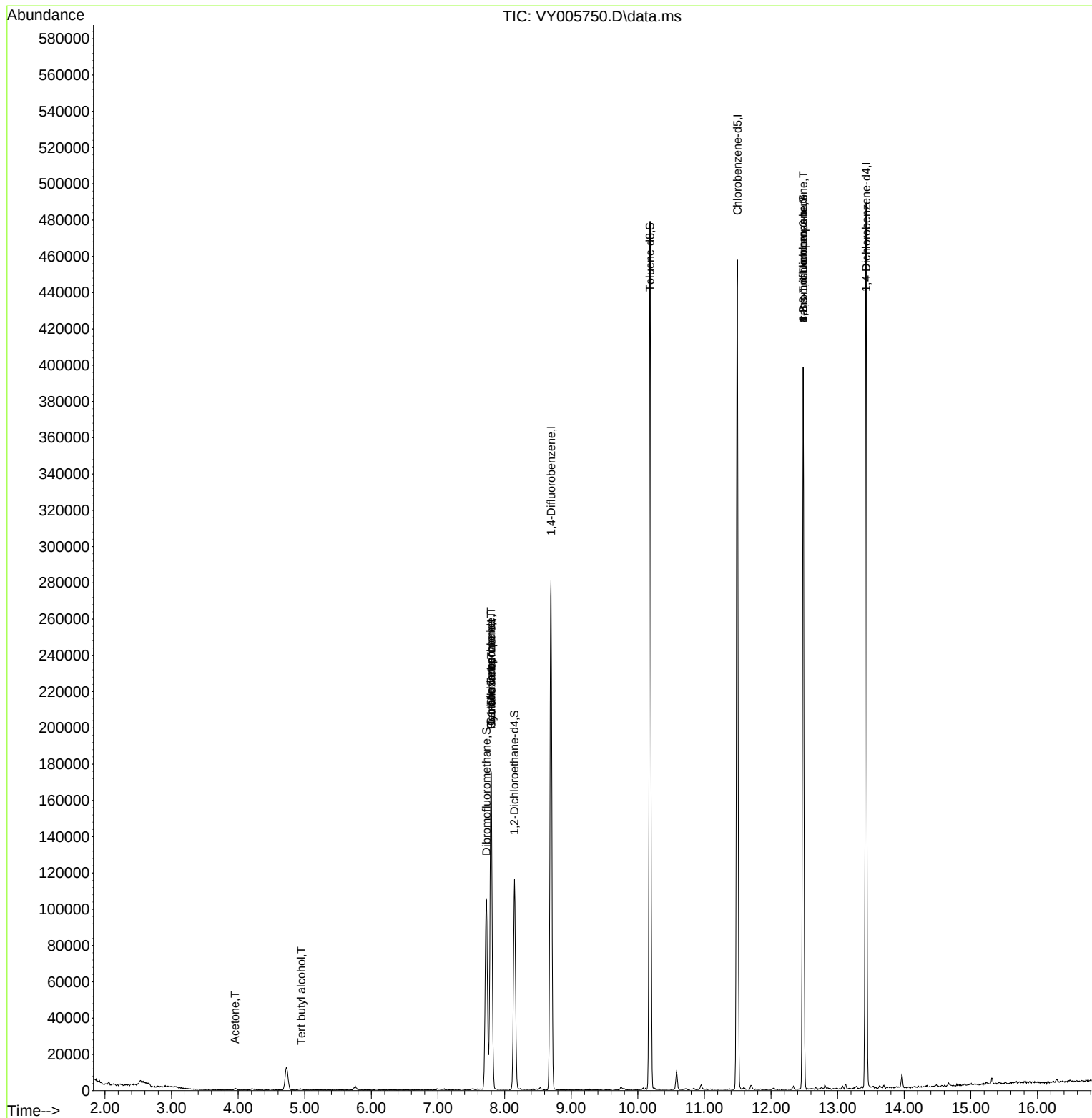
Internal Standards						
1) Pentafluorobenzene	7.801	168	141696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	237755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	245949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91562	63.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.680%	
35) Dibromofluoromethane	7.728	113	72886	54.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.500%	
50) Toluene-d8	10.185	98	307281	55.042	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.080%	
62) 4-Bromofluorobenzene	12.483	95	107556	58.179	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.360%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	307	2.165	ug/l #	73
16) Acetone	3.954	43	1489	4.118	ug/l	92
31) Cyclohexane	7.801	56	3113	1.265	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	10172	4.561	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13523	5.580	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	59683	46.231	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	59683	93.196	ug/l #	11

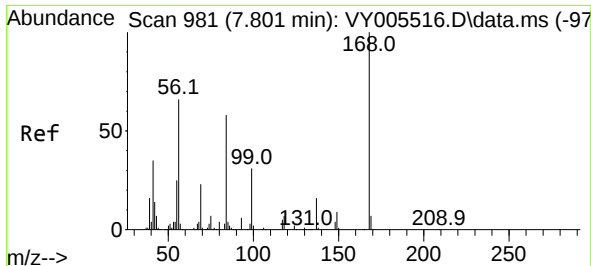
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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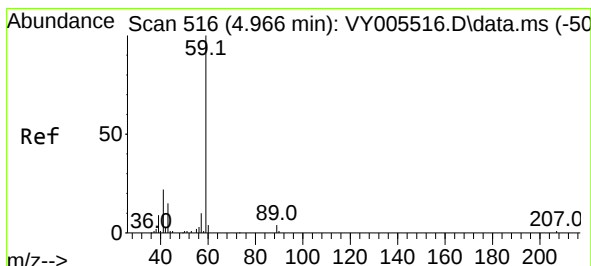
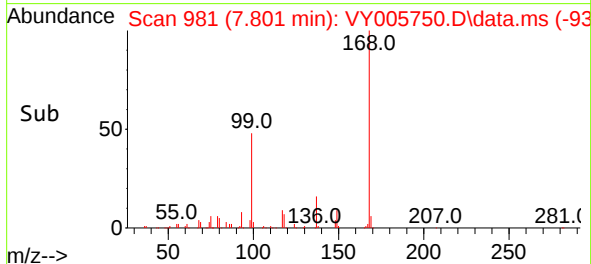
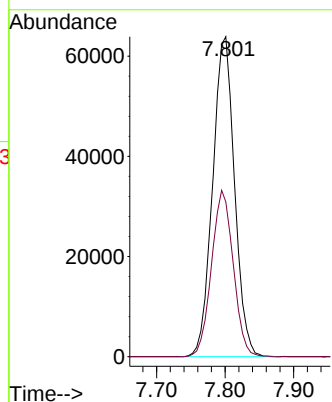
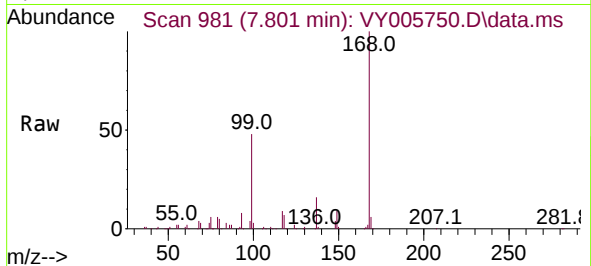




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005750.D
Acq: 18 Aug 2021 19:14

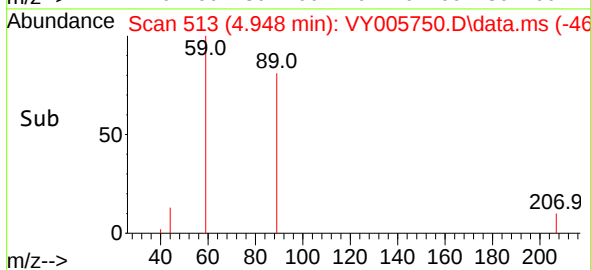
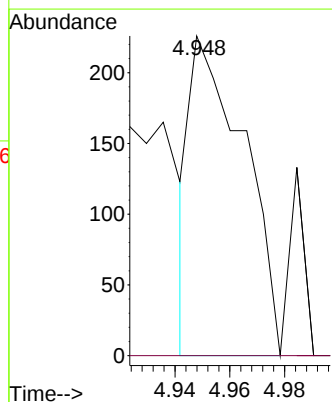
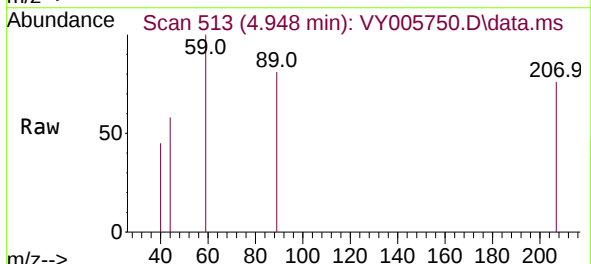
Instrument :
MSVOA_Y
ClientSampleId :
B-4B

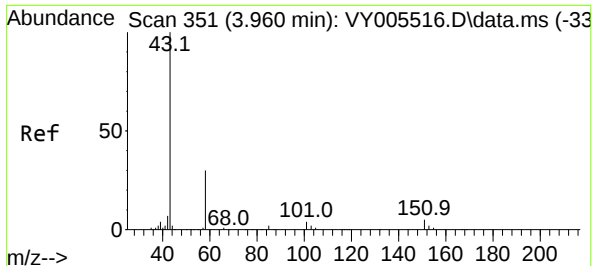
Tgt Ion:168 Resp: 141696
Ion Ratio Lower Upper
168 100
99 48.4 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.165 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005750.D
Acq: 18 Aug 2021 19:14

Tgt Ion: 59 Resp: 307
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

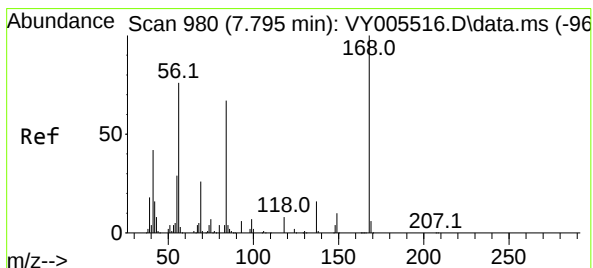
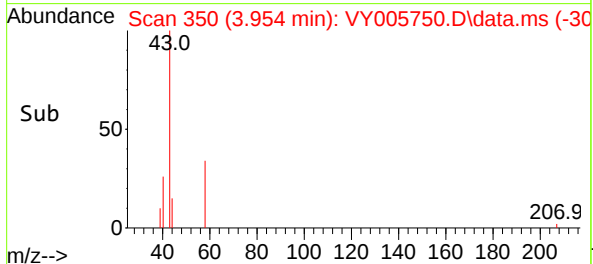
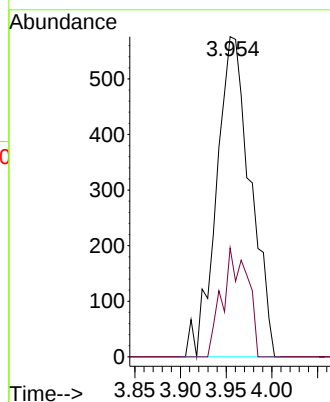
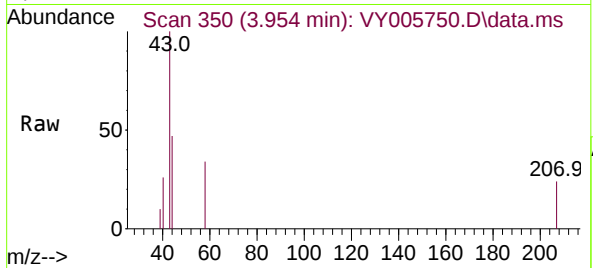




#16
Acetone
Concen: 4.118 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005750.D
Acq: 18 Aug 2021 19:14

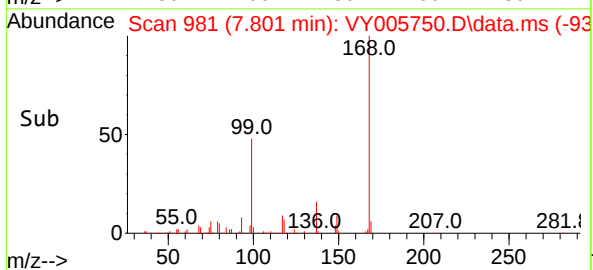
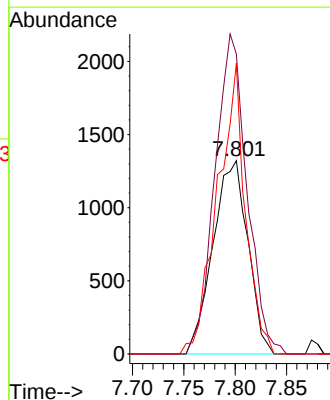
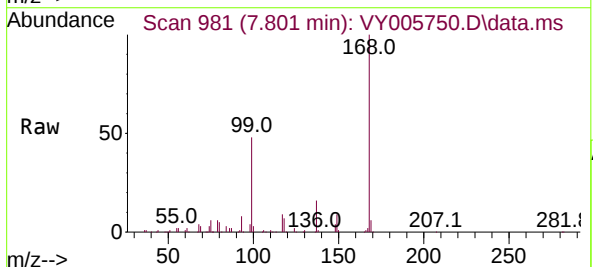
Instrument :
MSVOA_Y
ClientSampleId :
B-4B

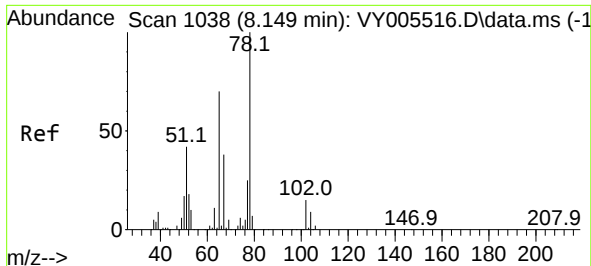
Tgt Ion: 43 Resp: 1489
Ion Ratio Lower Upper
43 100
58 34.0 23.8 35.6



#31
Cyclohexane
Concen: 1.265 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005750.D
Acq: 18 Aug 2021 19:14

Tgt Ion: 56 Resp: 3113
Ion Ratio Lower Upper
56 100
69 155.2 27.7 41.5#
84 150.5 70.9 106.3#

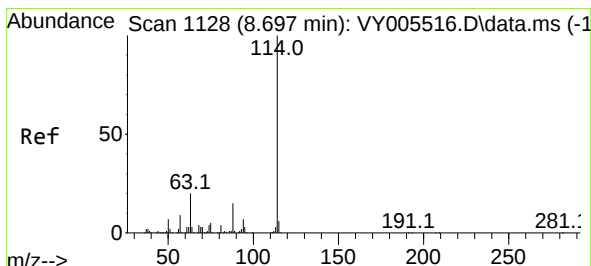
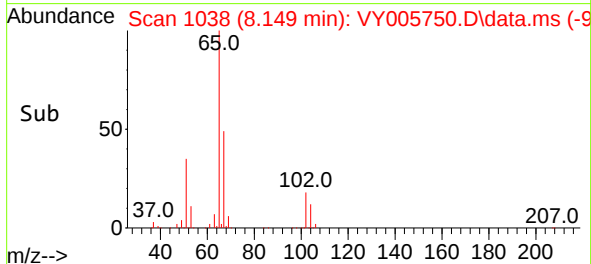
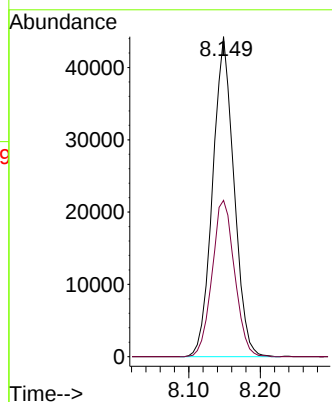
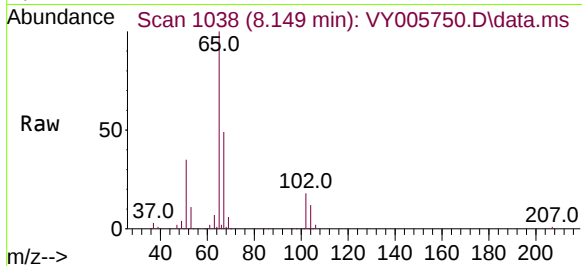




#33
 1,2-Dichloroethane-d4
 Concen: 63.837 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005750.D
 Acq: 18 Aug 2021 19:14

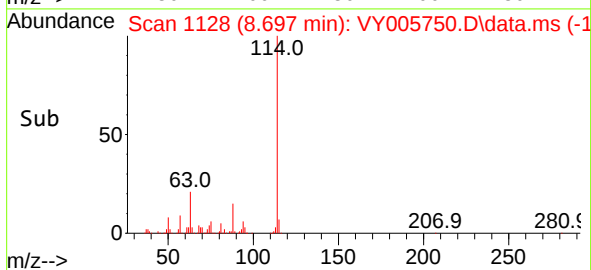
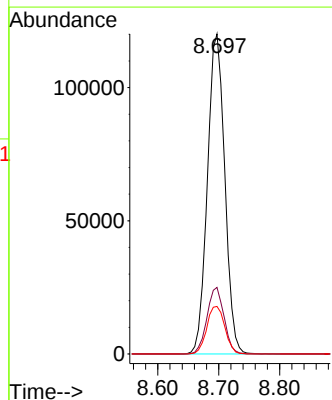
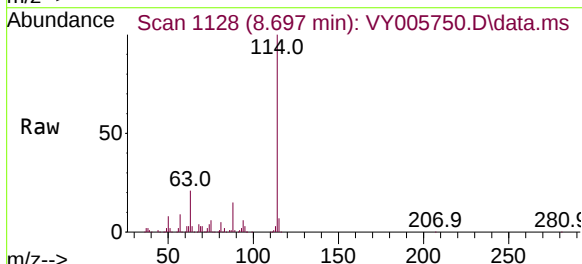
Instrument :
 MSVOA_Y
 ClientSampled :
 B-4B

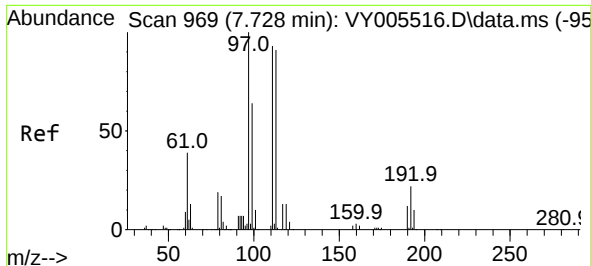
Tgt Ion: 65 Resp: 91562
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005750.D
 Acq: 18 Aug 2021 19:14

Tgt Ion: 114 Resp: 237755
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 39.2
 88 14.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 54.755 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005750.D

Acq: 18 Aug 2021 19:14

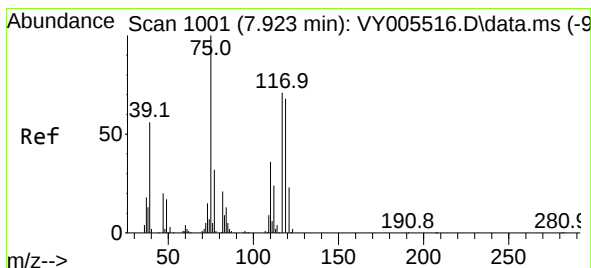
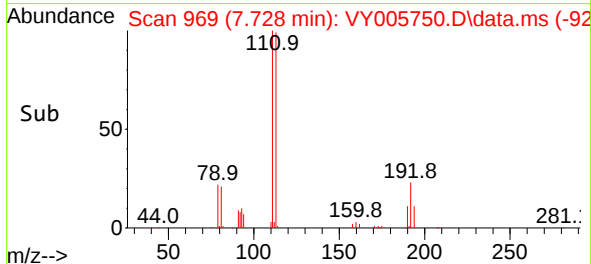
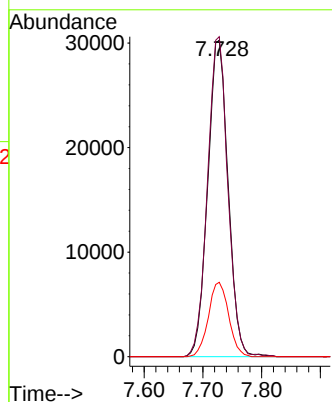
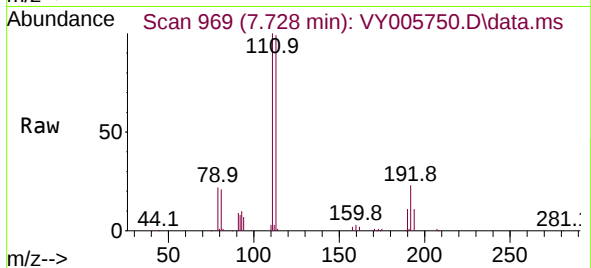
Instrument :

MSVOA_Y

ClientSampleId :

B-4B

Tgt Ion:	113	Resp:	72886
Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.9	122.9
192	23.4	19.2	28.8



#36

1,1-Dichloropropene

Concen: 4.561 ug/l

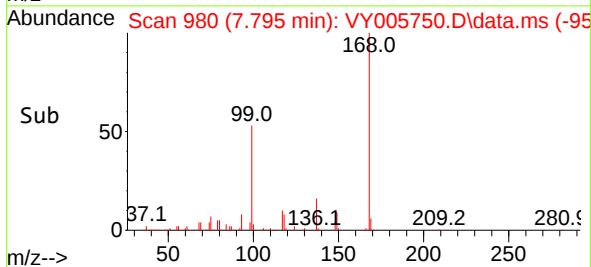
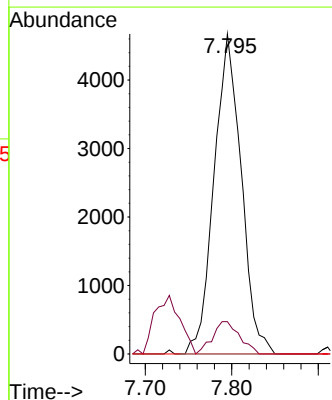
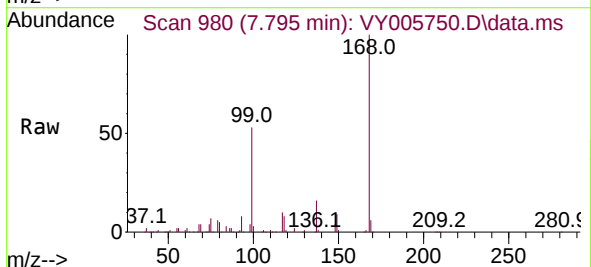
RT: 7.795 min Scan# 980

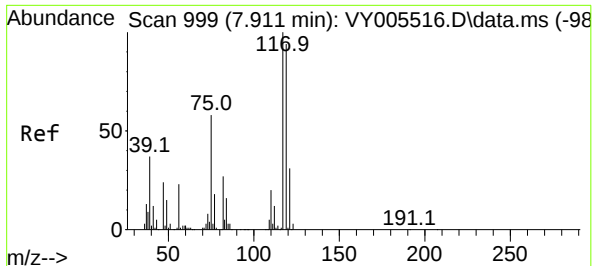
Delta R.T. -0.128 min

Lab File: VY005750.D

Acq: 18 Aug 2021 19:14

Tgt Ion:	75	Resp:	10172
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.1#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 5.580 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005750.D

Acq: 18 Aug 2021 19:14

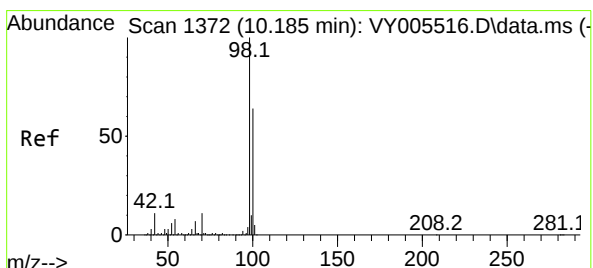
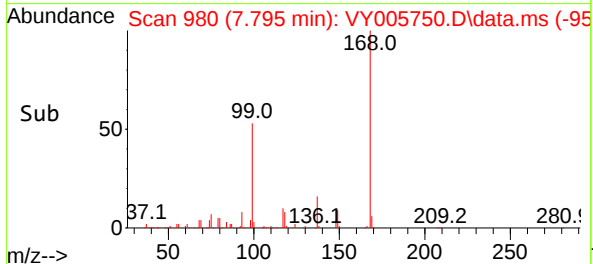
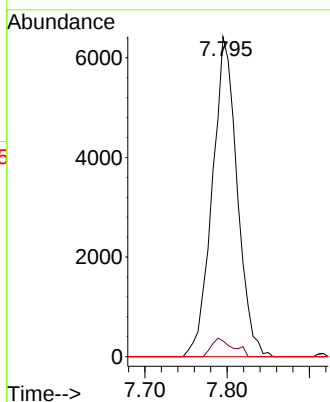
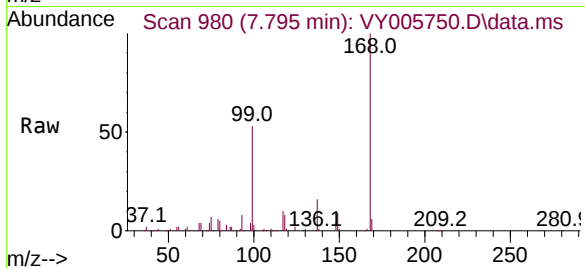
Instrument :

MSVOA_Y

ClientSampleId :

B-4B

Tgt Ion:117	Resp:	13523
Ion	Ratio	Lower Upper
117	100	
119	4.9	75.4 113.0#
121	0.0	25.1 37.7#



#50

Toluene-d8

Concen: 55.042 ug/l

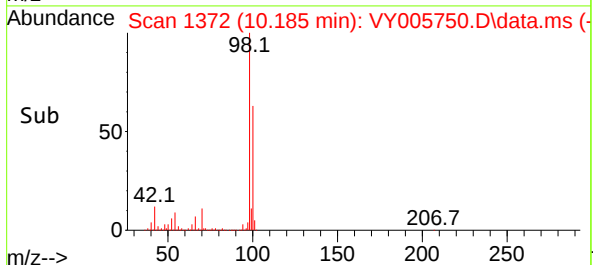
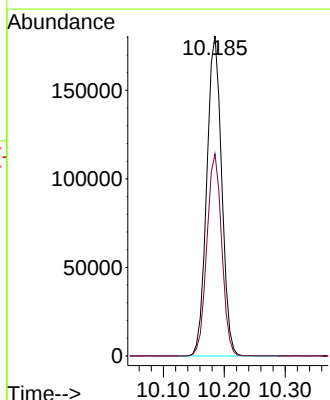
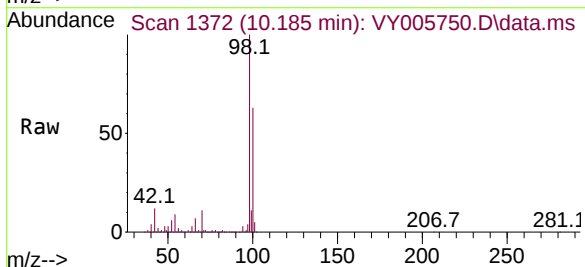
RT: 10.185 min Scan# 1372

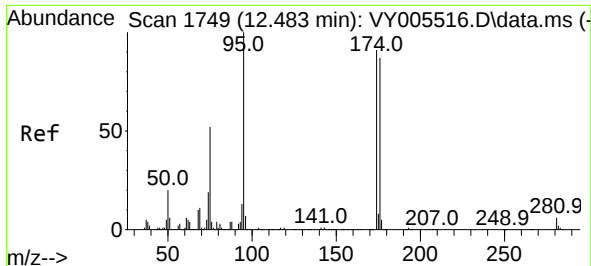
Delta R.T. -0.000 min

Lab File: VY005750.D

Acq: 18 Aug 2021 19:14

Tgt Ion: 98	Resp:	307281
Ion	Ratio	Lower Upper
98	100	
100	62.9	51.3 76.9

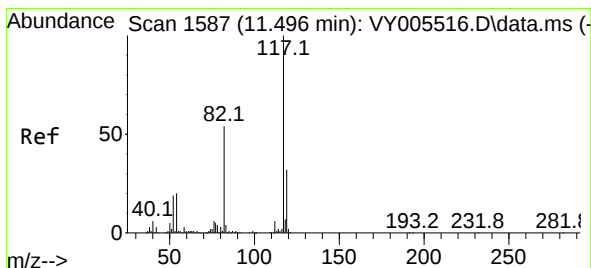
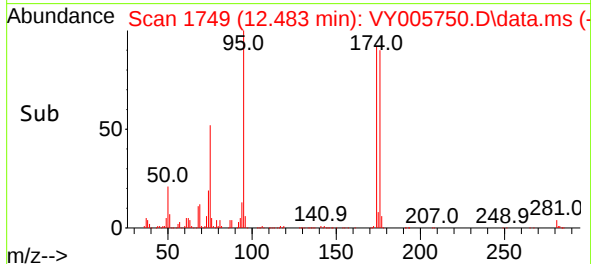
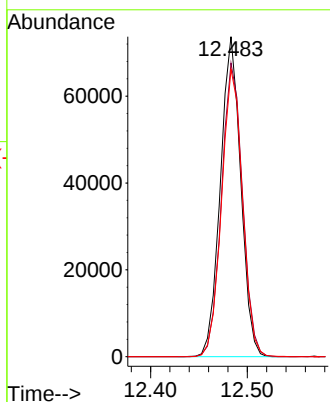
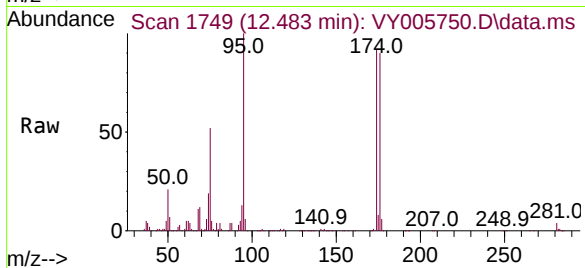




#62
4-Bromofluorobenzene
Concen: 58.179 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005750.D
Acq: 18 Aug 2021 19:14

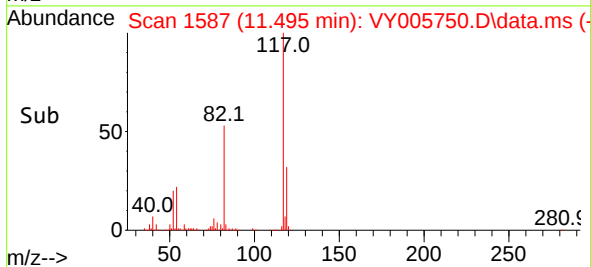
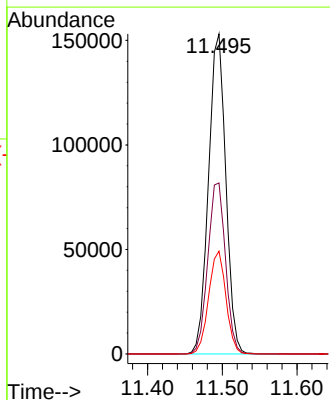
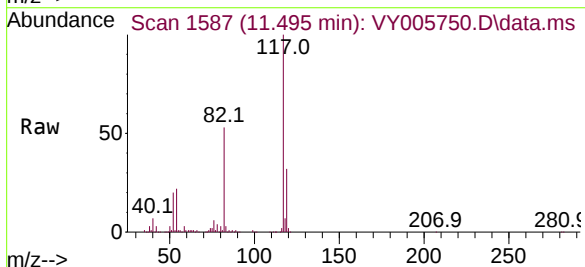
Instrument :
MSVOA_Y
ClientSampleId :
B-4B

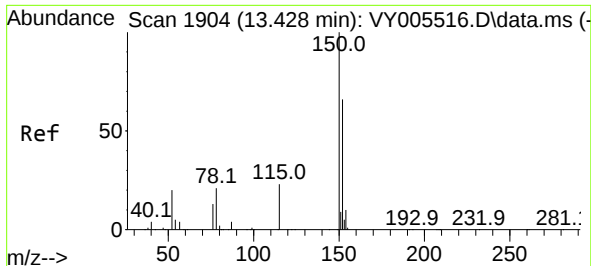
Tgt Ion:	95	Resp:	107556
Ion Ratio	Lower	Upper	
95	100		
174	94.6	0.0	191.4
176	92.0	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005750.D
Acq: 18 Aug 2021 19:14

Tgt Ion:	117	Resp:	245949
Ion Ratio	Lower	Upper	
117	100		
82	53.5	43.5	65.3
119	32.1	25.5	38.3

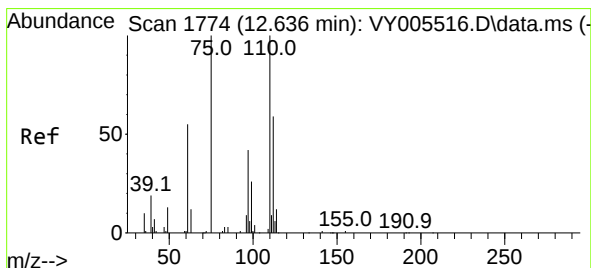
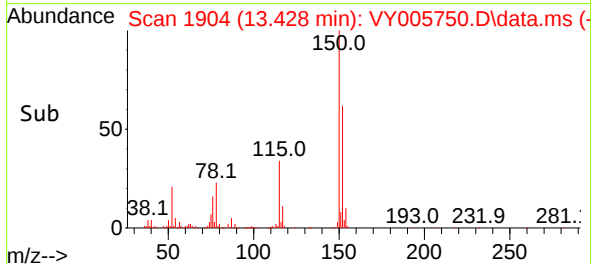
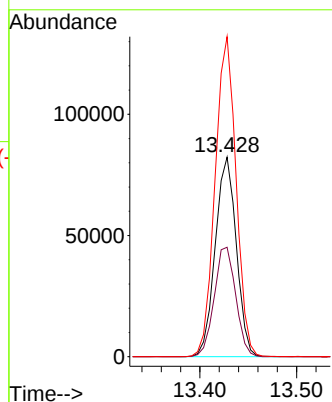
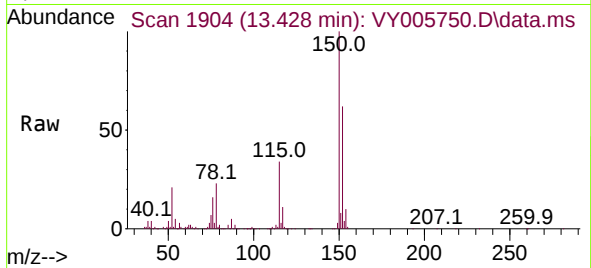




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005750.D
 Acq: 18 Aug 2021 19:14

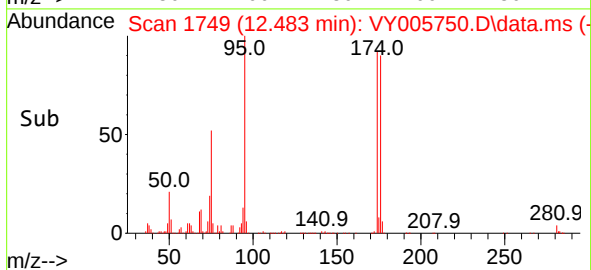
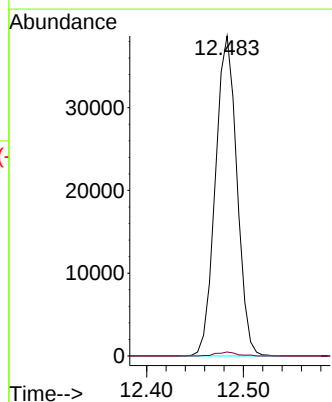
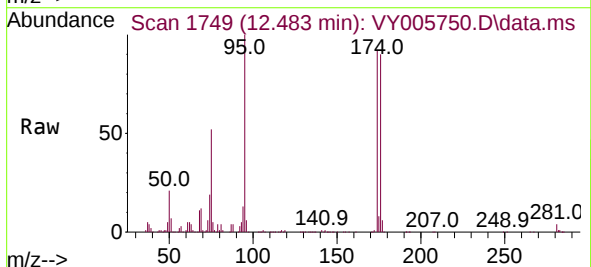
Instrument :
 MSVOA_Y
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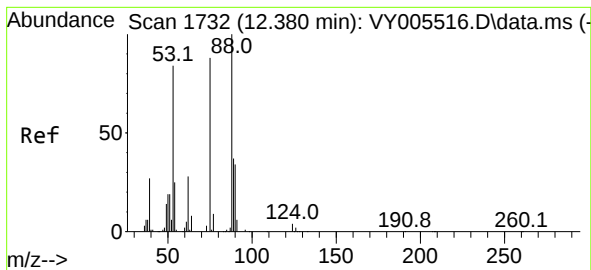
Tgt Ion:152 Resp: 124576
 Ion Ratio Lower Upper
 152 100
 115 56.0 27.3 81.9
 150 159.3 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.231 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005750.D
 Acq: 18 Aug 2021 19:14

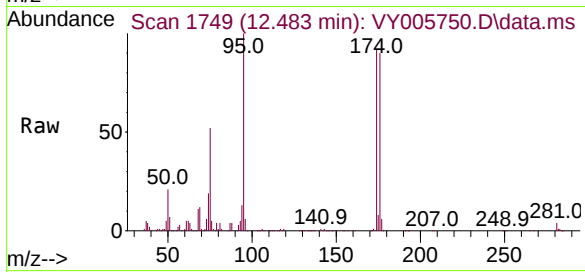
Tgt Ion: 75 Resp: 59683
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.196 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005750.D
 Acq: 18 Aug 2021 19:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-4B



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.0	38.4	57.6#

