

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006517.D
 Acq On : 28 Oct 2021 15:47
 Operator : SY/MD
 Sample : M4375-08
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 07:04:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

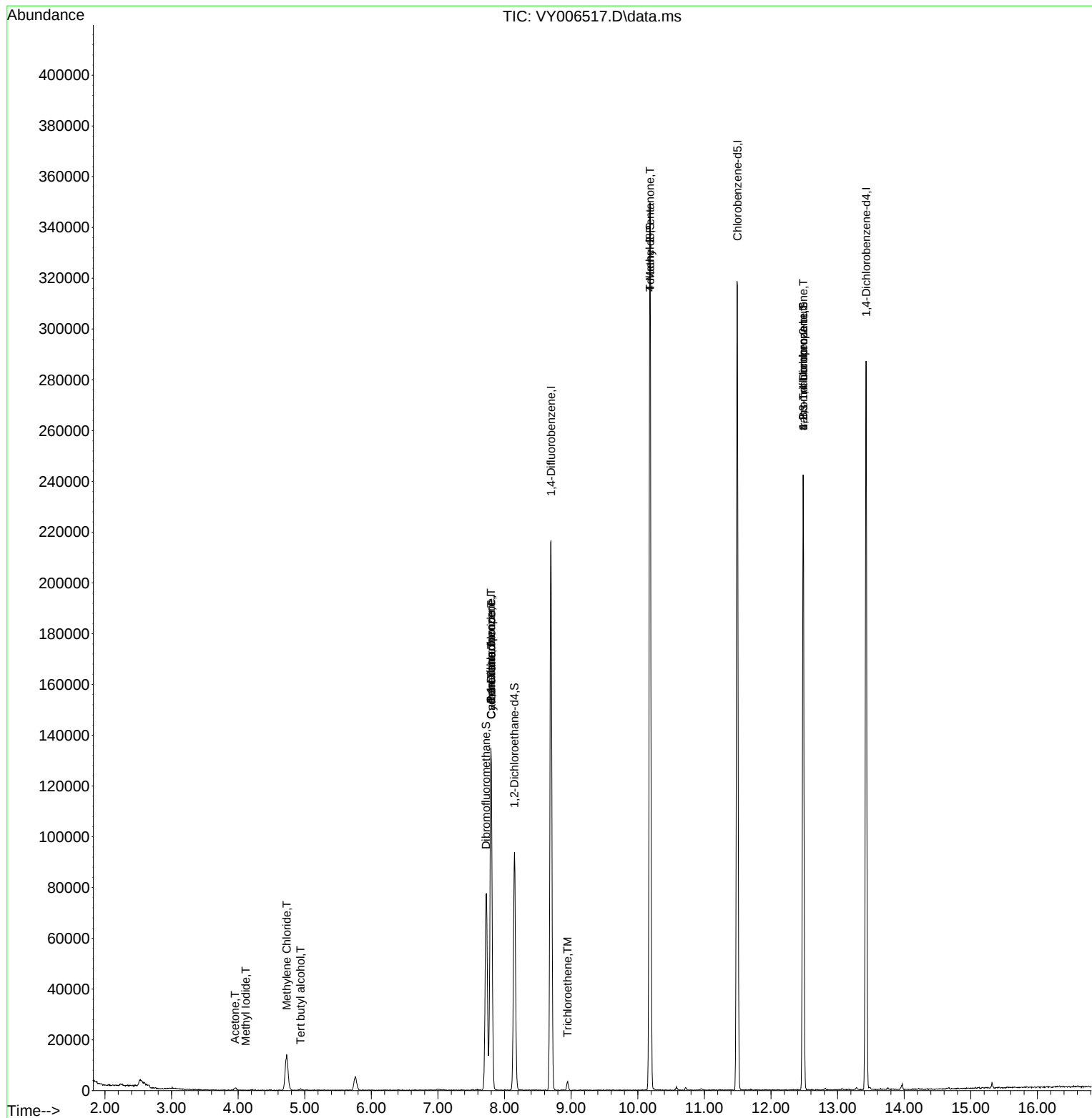
Internal Standards						
1) Pentafluorobenzene	7.795	168	104273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	161236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76419	59.556	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.120%	
35) Dibromofluoromethane	7.722	113	52480	54.100	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.185	98	221260	53.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.620%	
62) 4-Bromofluorobenzene	12.483	95	66034	47.670	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.340%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	158	5.198	ug/l #	36
11) Tert butyl alcohol	4.936	59	371	3.183	ug/l #	72
16) Acetone	3.954	43	1615	4.371	ug/l	93
20) Methylene Chloride	4.729	84	9609	4.731	ug/l	91
31) Cyclohexane	7.801	56	2285	1.100	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8317	4.836	ug/l #	53
38) Carbon Tetrachloride	7.801	117	10181	5.367	ug/l #	15
44) Trichloroethene	8.947	130	1487	1.176	ug/l	86
51) 4-Methyl-2-Pentanone	10.185	43	1125	1.016	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	38944	55.693	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	38944	114.336	ug/l #	7

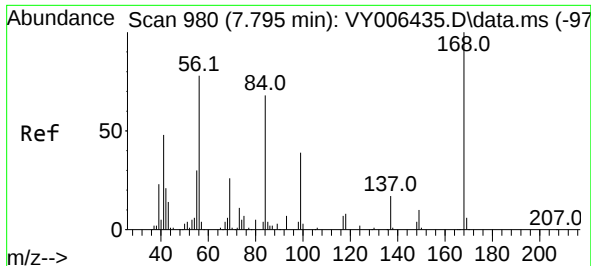
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
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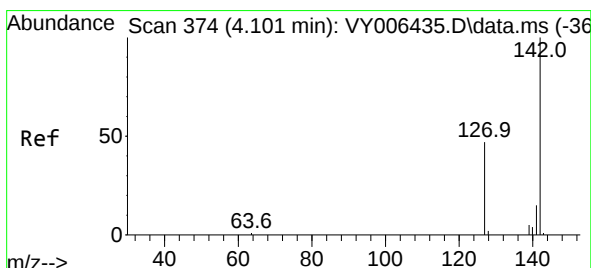
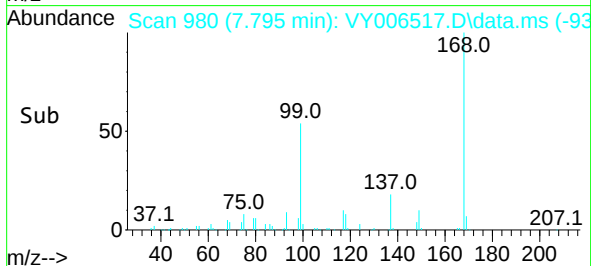
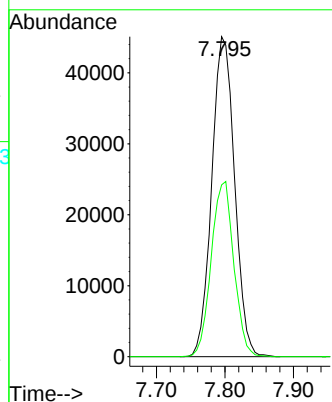
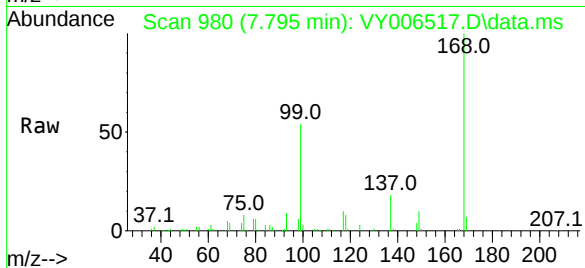




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

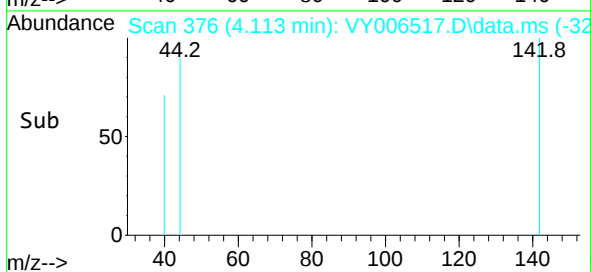
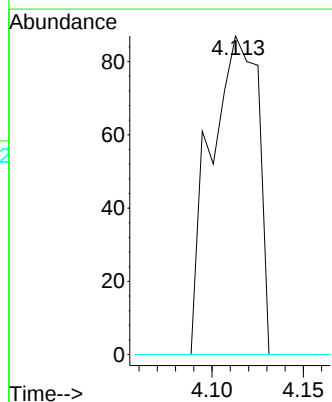
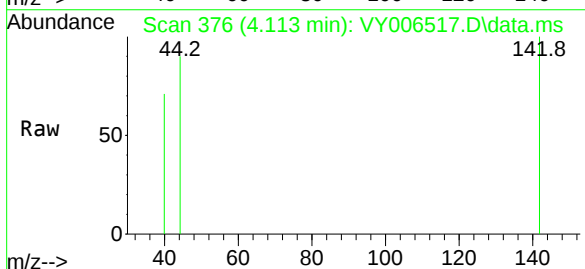
Instrument :
MSVOA_Y
ClientSampleId :

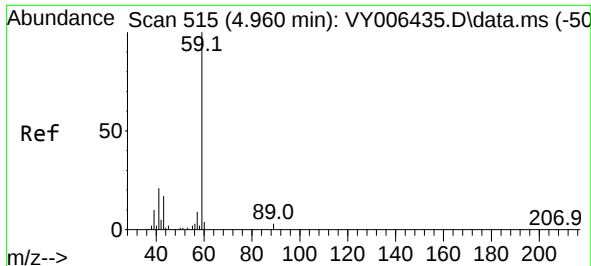
Tgt Ion:168 Resp: 104273
Ion Ratio Lower Upper
168 100
99 53.7 44.8 67.2



#10
Methyl Iodide
Concen: 5.198 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

Tgt Ion:142 Resp: 158
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 3.183 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.024 min

Lab File: VY006517.D

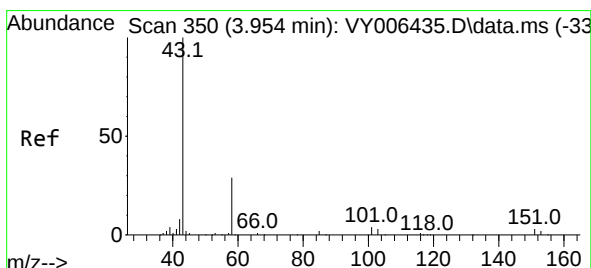
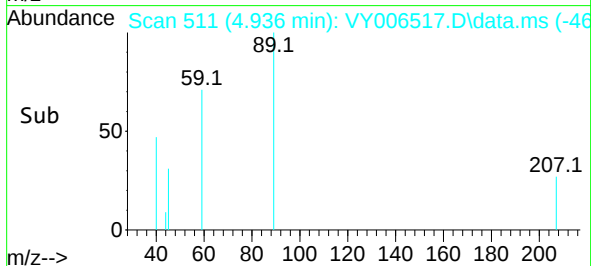
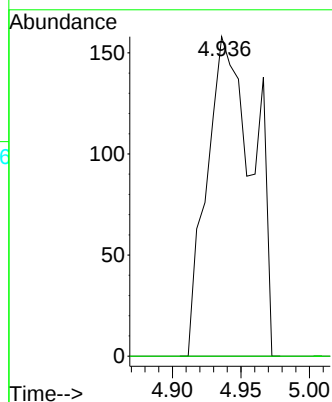
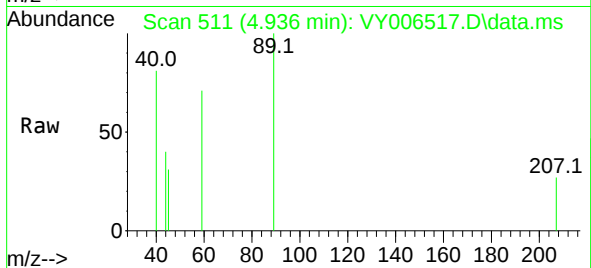
Acq: 28 Oct 2021 15:47

Tgt Ion: 59 Resp: 371

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 4.371 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY006517.D

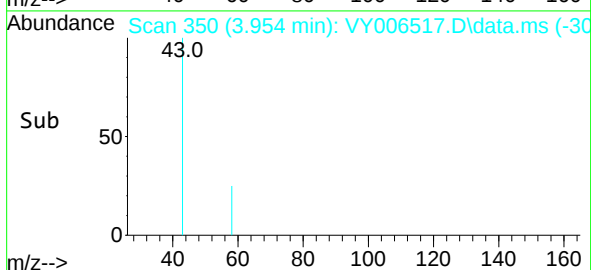
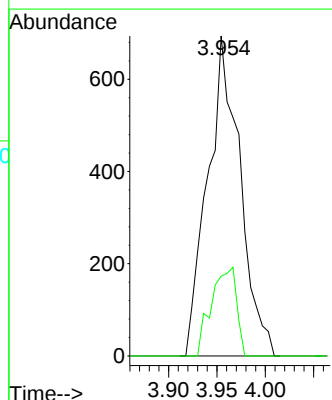
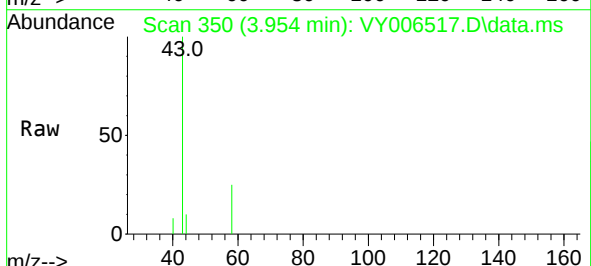
Acq: 28 Oct 2021 15:47

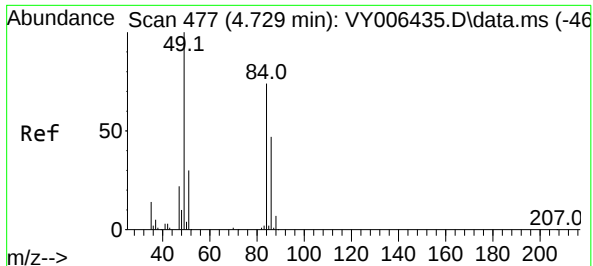
Tgt Ion: 43 Resp: 1615

Ion Ratio Lower Upper

43 100

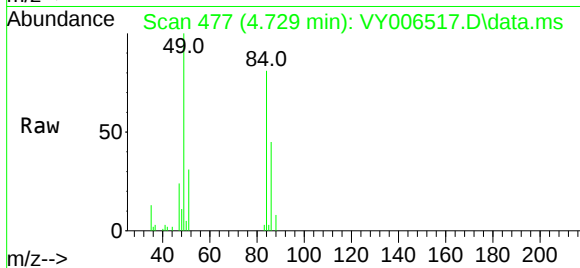
58 24.9 22.9 34.3





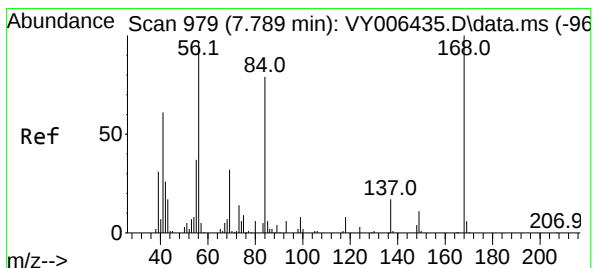
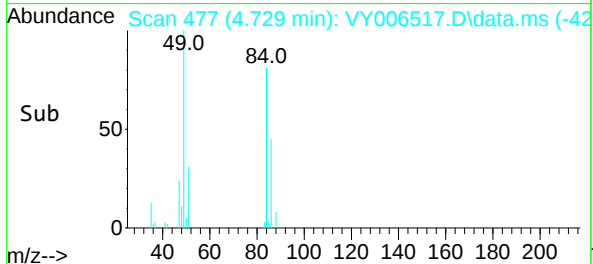
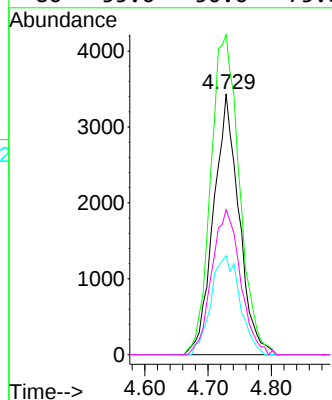
#20
Methylene Chloride
Concen: 4.731 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

Instrument :
MSVOA_Y
ClientSampleId :

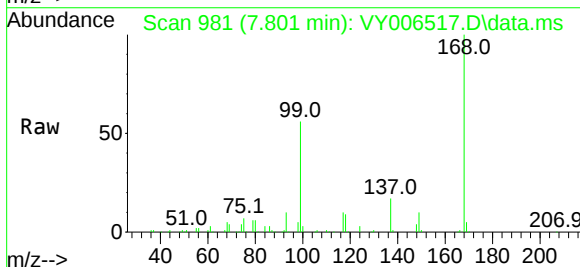


Tgt Ion: 84 Resp: 9609

Ion	Ratio	Lower	Upper
84	100		
49	122.7	107.8	161.8
51	38.0	32.8	49.2
86	55.6	50.6	75.8

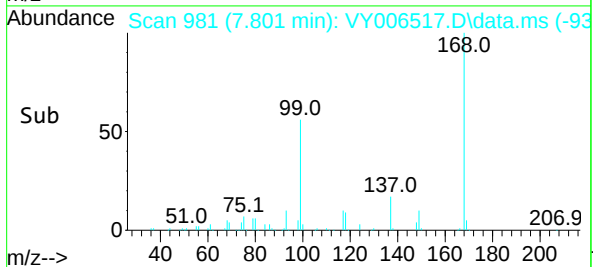
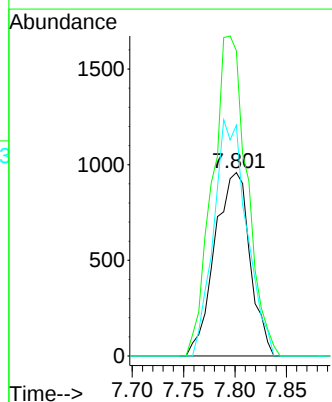


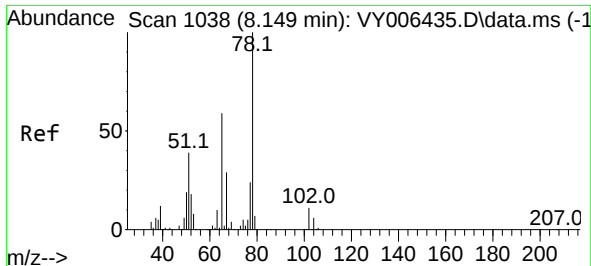
#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47



Tgt Ion: 56 Resp: 2285

Ion	Ratio	Lower	Upper
56	100		
69	166.4	26.6	40.0#
84	125.8	65.0	97.4#

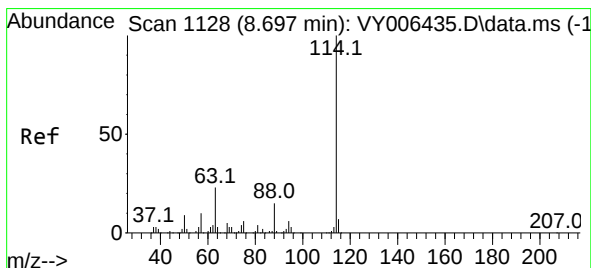
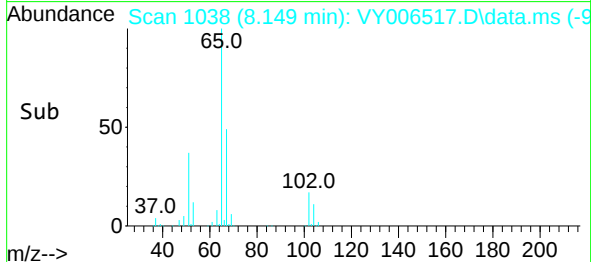
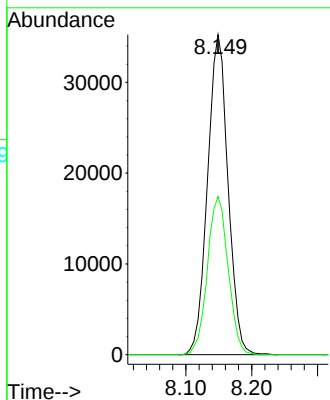
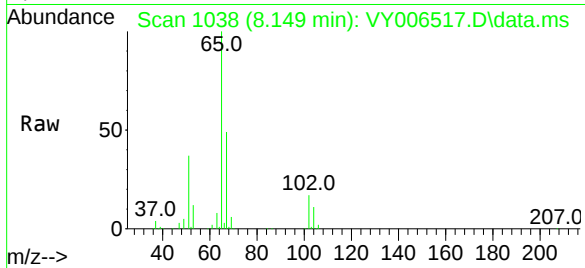




#33
1,2-Dichloroethane-d4
Concen: 59.556 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

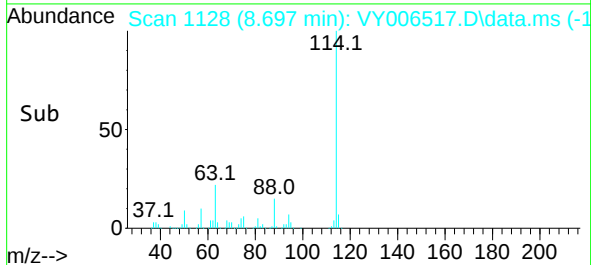
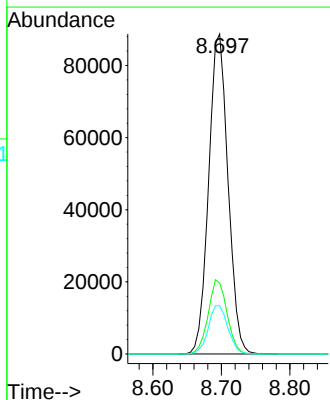
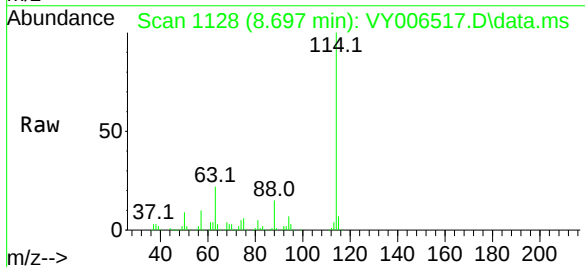
Instrument :
MSVOA_Y
ClientSampleId :

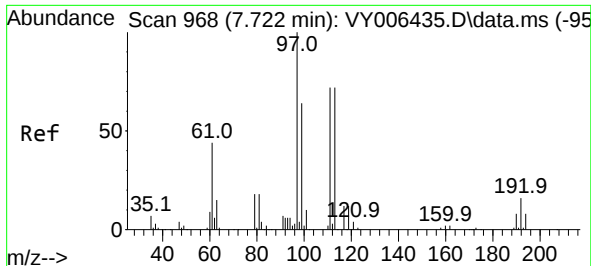
Tgt Ion: 65 Resp: 76419
Ion Ratio Lower Upper
65 100
67 50.0 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

Tgt Ion:114 Resp: 174041
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 15.0 0.0 30.6

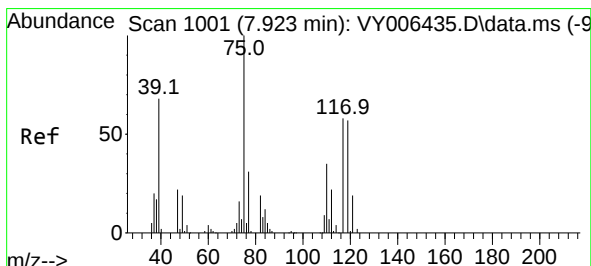
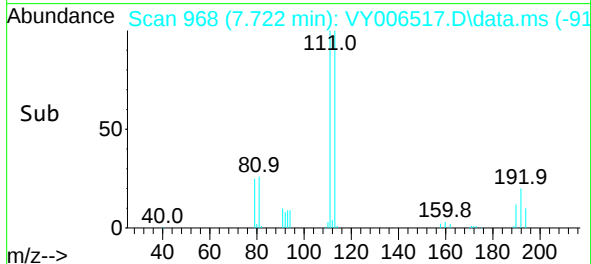
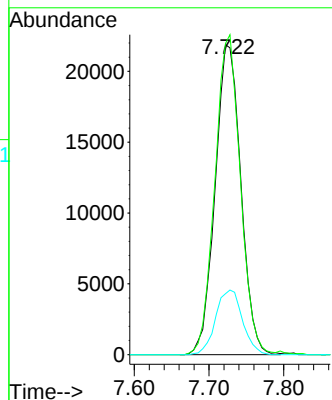
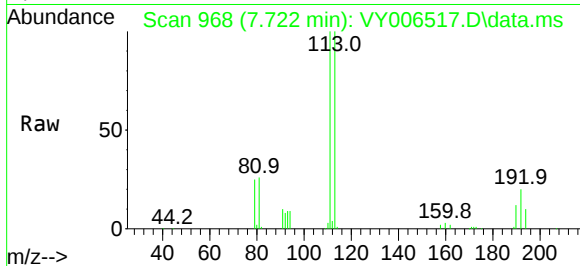




#35
Dibromofluoromethane
Concen: 54.100 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

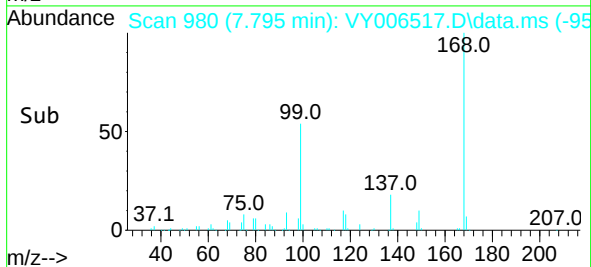
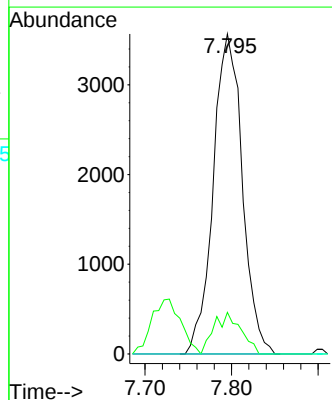
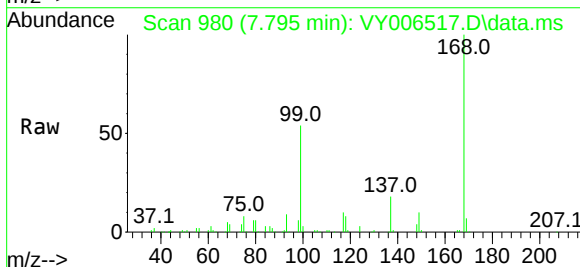
Instrument :
MSVOA_Y
ClientSampleId :

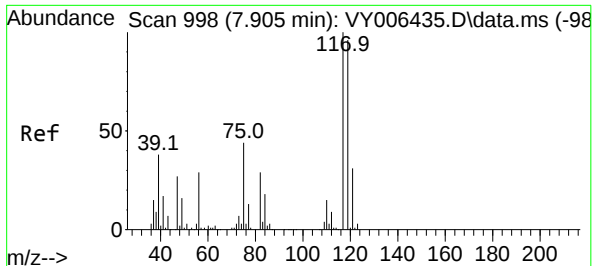
Tgt Ion:113 Resp: 52480
Ion Ratio Lower Upper
113 100
111 101.9 82.3 123.5
192 21.7 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.836 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

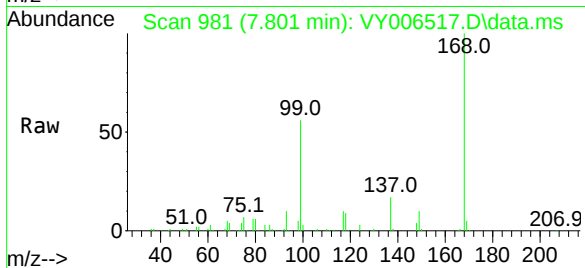
Tgt Ion: 75 Resp: 8317
Ion Ratio Lower Upper
75 100
110 12.0 17.1 51.3#
77 0.0 24.9 37.3#



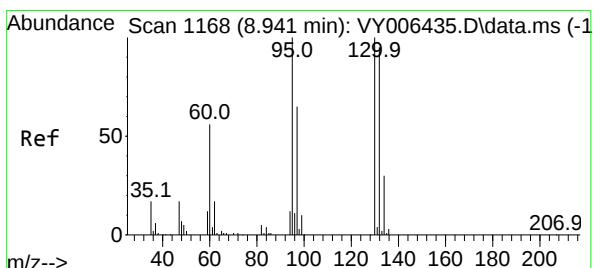
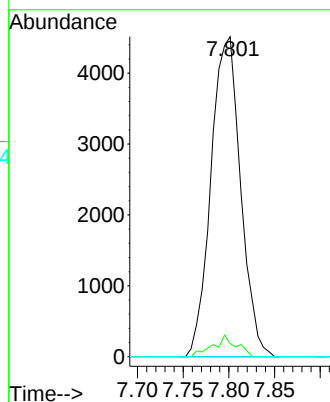
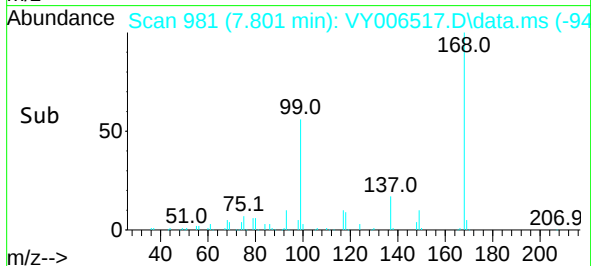


#38
Carbon Tetrachloride
Concen: 5.367 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

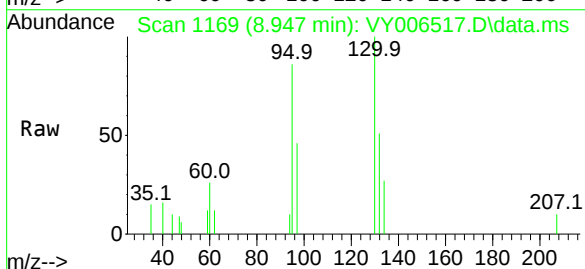
Instrument :
MSVOA_Y
ClientSampleId :



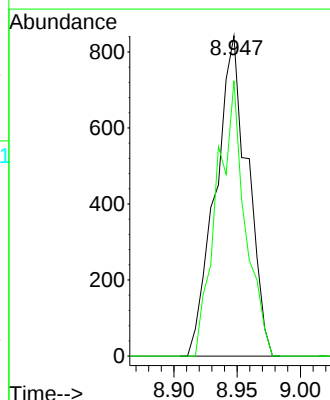
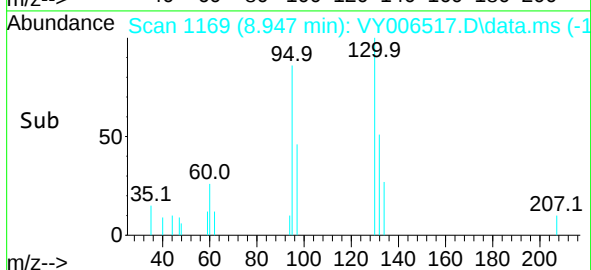
Tgt Ion:117 Resp: 10181
Ion Ratio Lower Upper
117 100
119 4.1 76.6 115.0#
121 0.0 24.7 37.1#

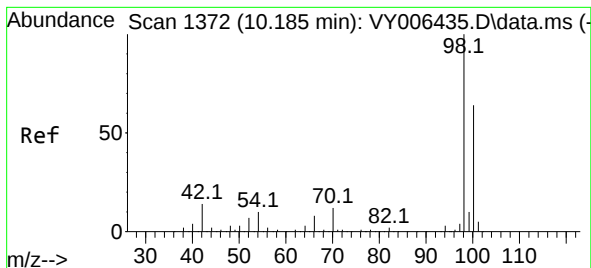


#44
Trichloroethene
Concen: 1.176 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47



Tgt Ion:130 Resp: 1487
Ion Ratio Lower Upper
130 100
95 86.0 0.0 200.4

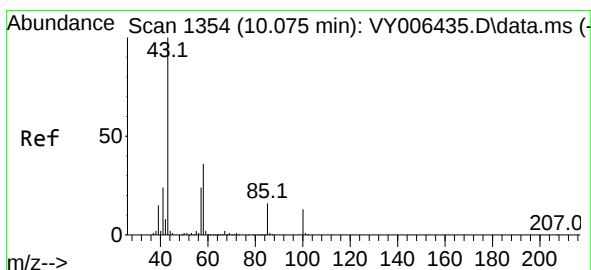
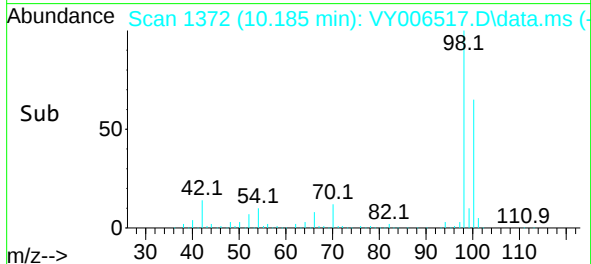
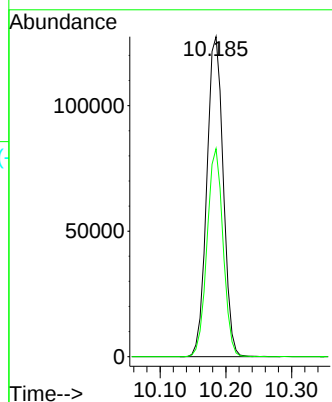
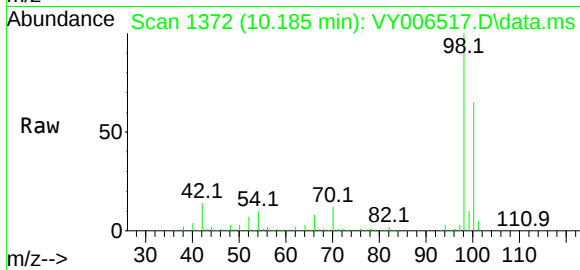




#50
Toluene-d8
Concen: 53.806 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

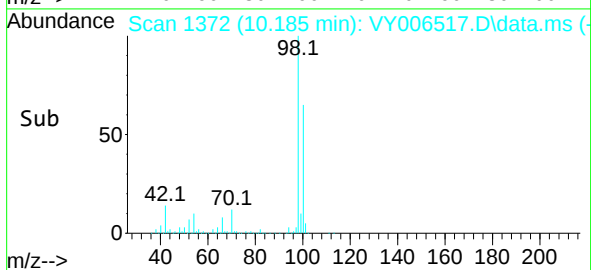
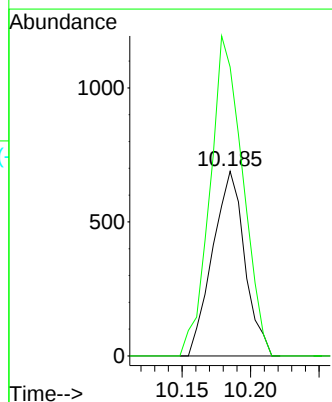
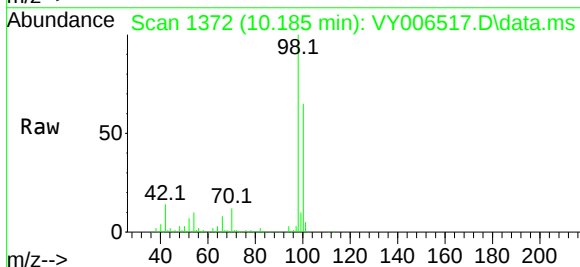
Instrument :
MSVOA_Y
ClientSampled :

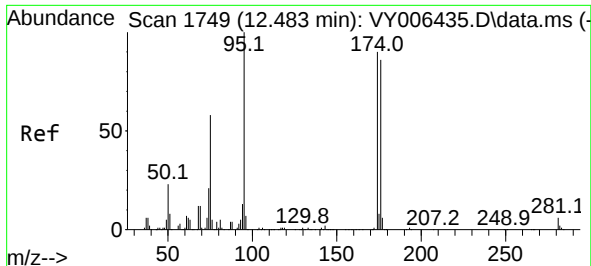
Tgt Ion: 98 Resp: 221260
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.016 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

Tgt Ion: 43 Resp: 1125
Ion Ratio Lower Upper
43 100
58 176.0 28.7 43.1#

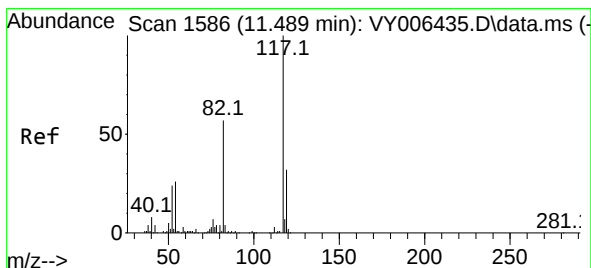
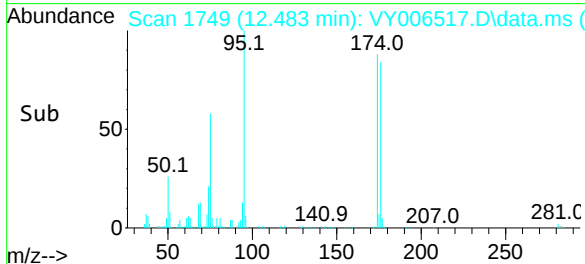
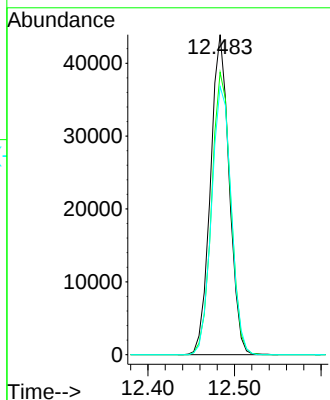
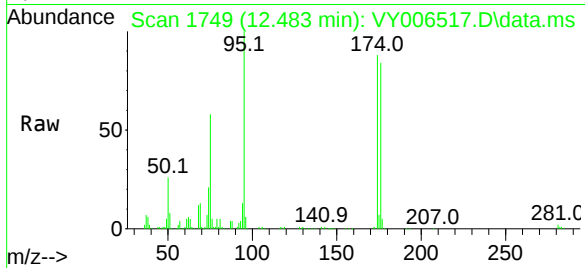




#62
4-Bromofluorobenzene
Concen: 47.670 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

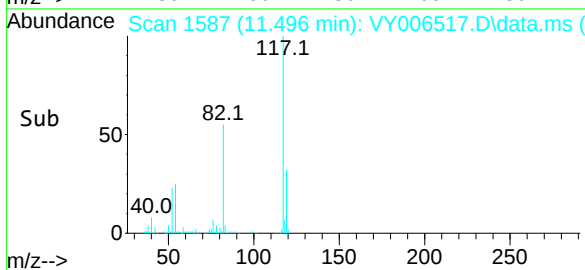
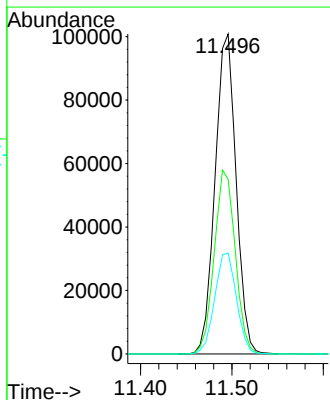
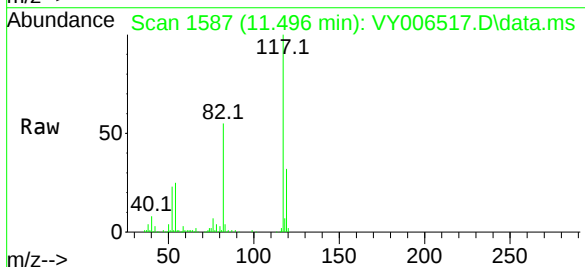
Instrument :
MSVOA_Y
ClientSampleId :

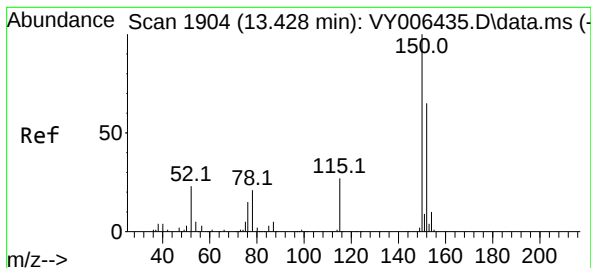
Tgt Ion: 95 Resp: 66034
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 87.7 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

Tgt Ion: 117 Resp: 161236
Ion Ratio Lower Upper
117 100
82 54.6 45.7 68.5
119 31.6 25.5 38.3

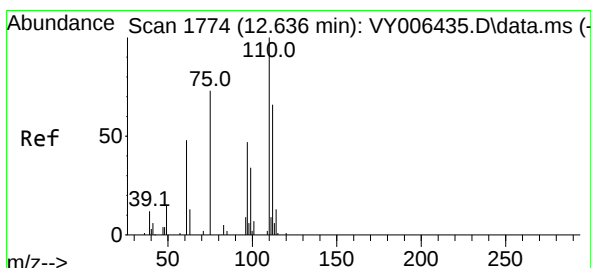
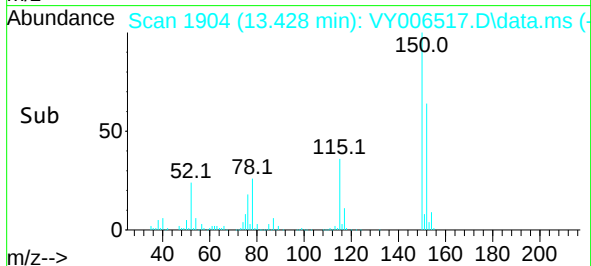
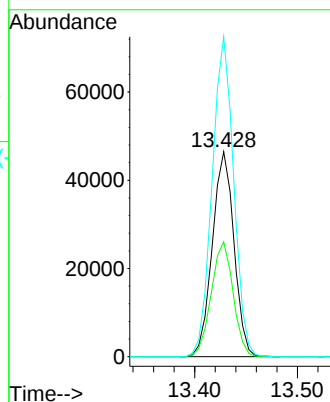
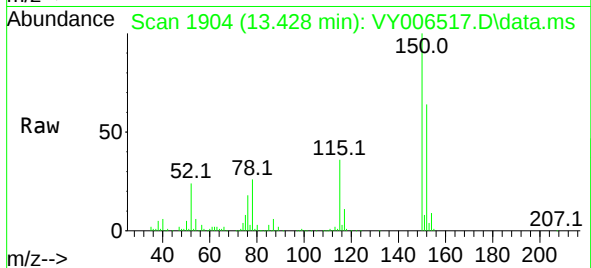




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

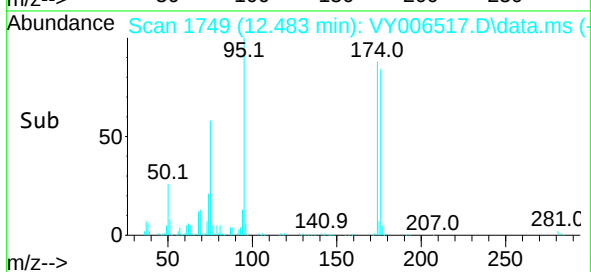
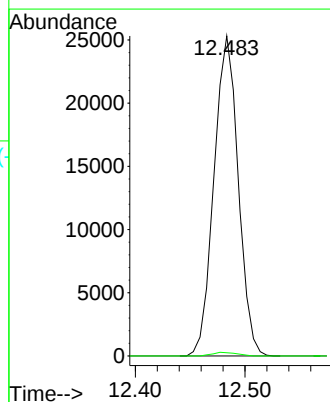
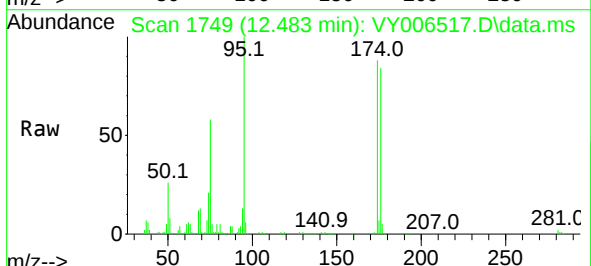
Instrument :
MSVOA_Y
ClientSampleId :

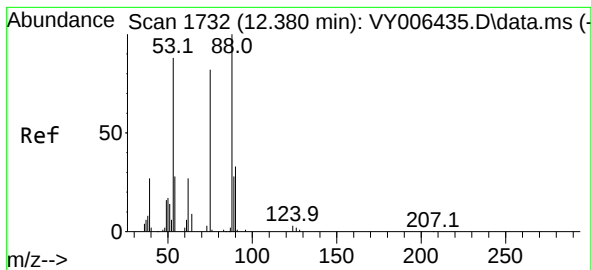
Tgt Ion:152 Resp: 67858
Ion Ratio Lower Upper
152 100
115 56.6 28.5 85.5
150 155.5 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 55.693 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006517.D
Acq: 28 Oct 2021 15:47

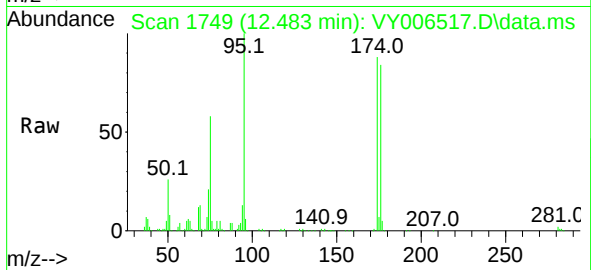
Tgt Ion: 75 Resp: 38944
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.336 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006517.D
 Acq: 28 Oct 2021 15:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.8	128.6#
89	0.0	39.3	58.9#

