

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006519.D
 Acq On : 28 Oct 2021 16:34
 Operator : SY/MD
 Sample : M4375-11
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 07:05:16 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)

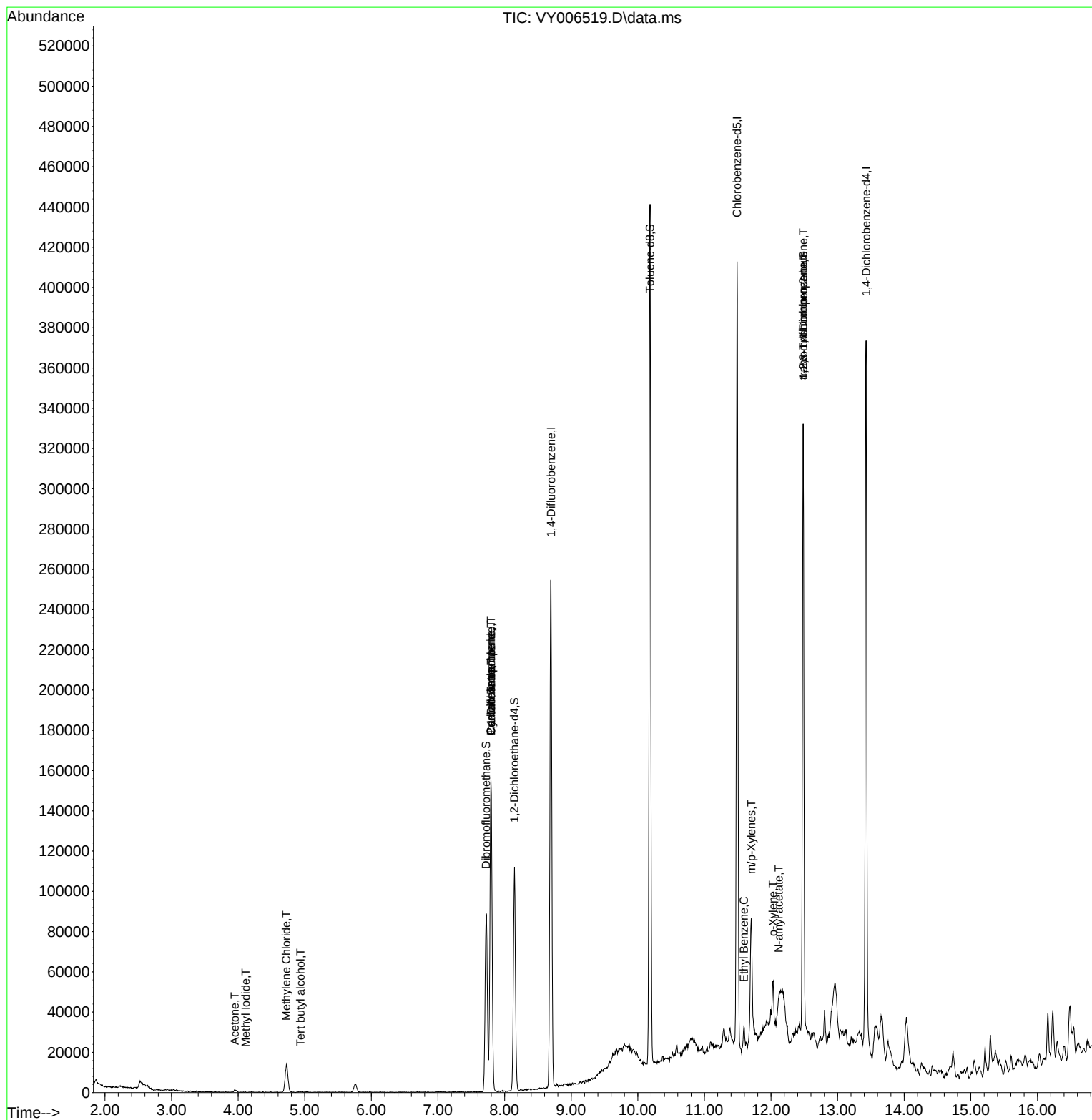
Internal Standards						
1) Pentafluorobenzene	7.795	168	120182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	203825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	196104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85756	57.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.980%	
35) Dibromofluoromethane	7.722	113	60807	53.524	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.040%	
50) Toluene-d8	10.185	98	267269	55.497	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.000%	
62) 4-Bromofluorobenzene	12.483	95	86425	53.273	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.540%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	219	5.226	ug/l #	36
11) Tert butyl alcohol	4.936	59	475	3.535	ug/l #	72
16) Acetone	3.948	43	2102	4.936	ug/l #	78
20) Methylene Chloride	4.722	84	9672	3.576	ug/l	95
31) Cyclohexane	7.795	56	2923	1.221	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	9589	4.761	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11311	5.091	ug/l #	16
67) Ethyl Benzene	11.593	91	8603	1.184	ug/l	100
68) m/p-Xylenes	11.703	106	14724	5.386	ug/l	98
69) o-Xylene	12.032	106	5558	2.131	ug/l	96
74) N-amyl acetate	12.117	43	1924	1.021	ug/l #	50
76) 1,2,3-Trichloropropane	12.483	75	50244	60.030	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50244	123.239	ug/l #	7

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

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Response via : Initial Calibration

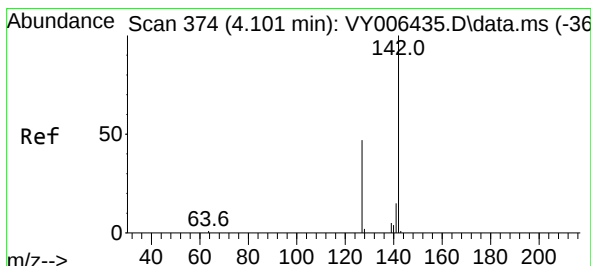
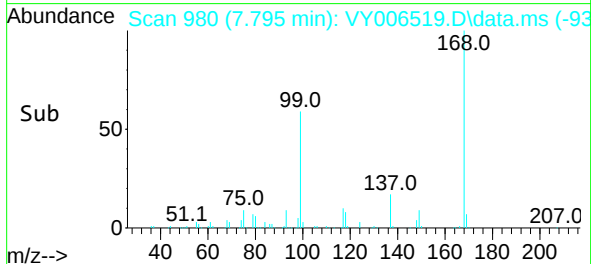
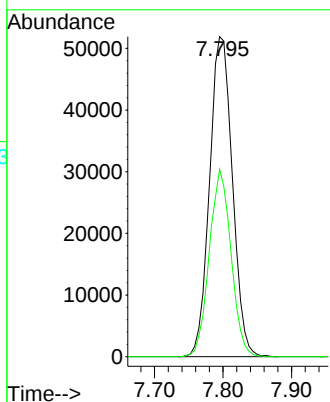
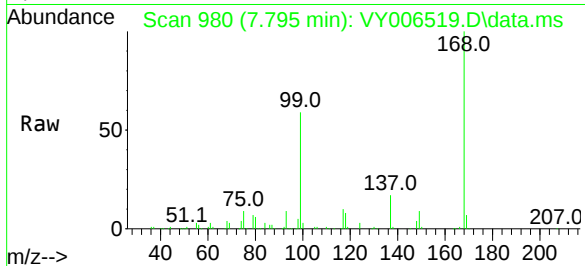




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

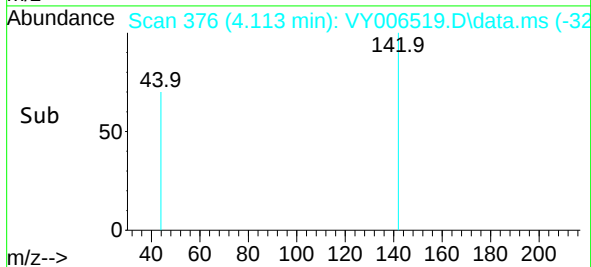
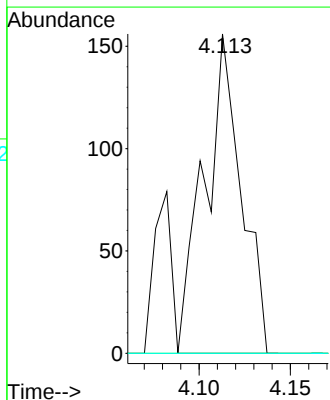
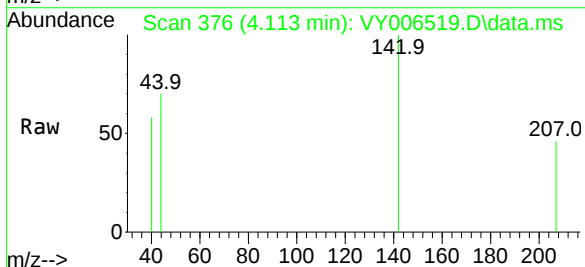
Instrument :
MSVOA_Y
ClientSampleId :

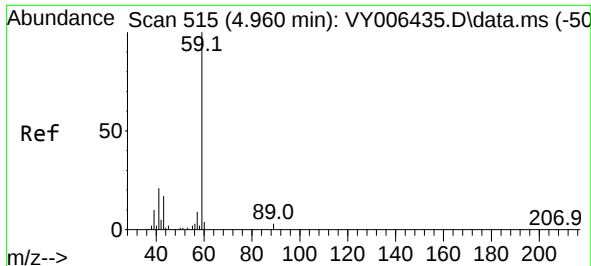
Tgt Ion:168 Resp: 120182
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.226 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Tgt Ion:142 Resp: 219
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



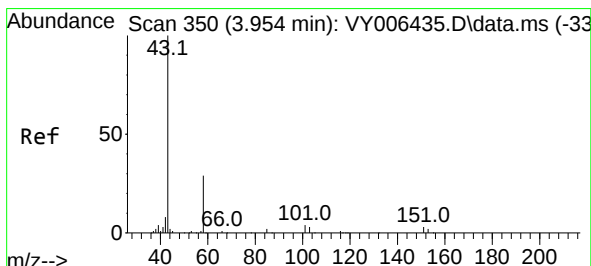
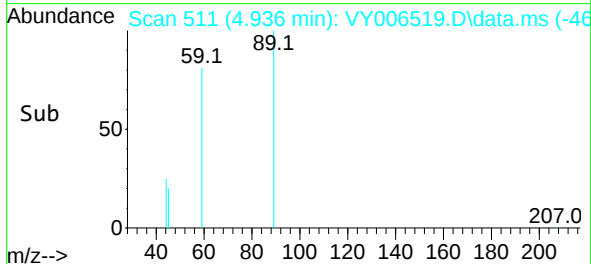
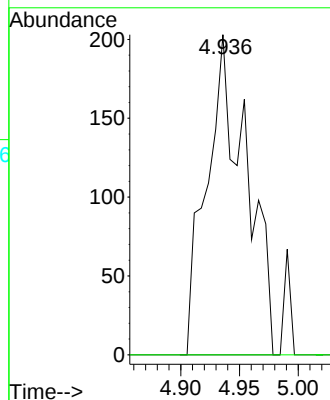
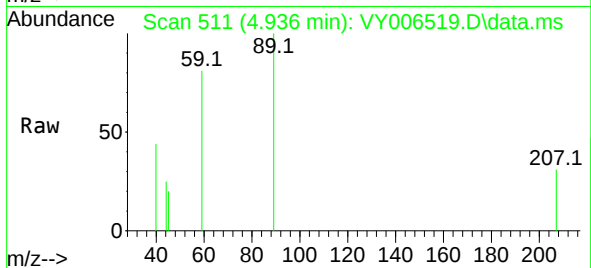


#11

Tert butyl alcohol
Concen: 3.535 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Instrument :
MSVOA_Y
ClientSampled :

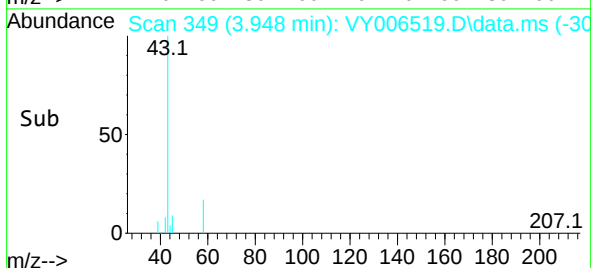
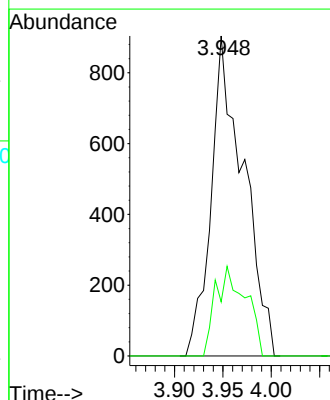
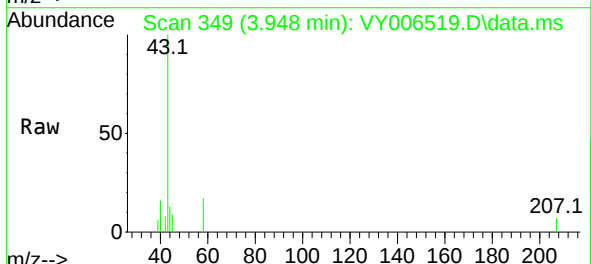
Tgt Ion: 59 Resp: 475
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

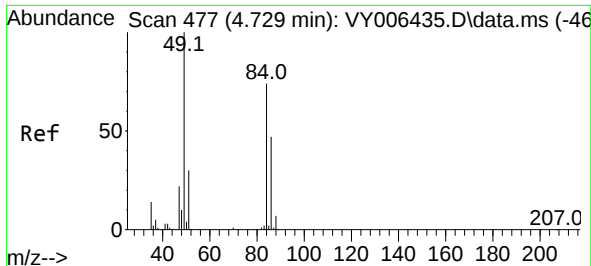


#16

Acetone
Concen: 4.936 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

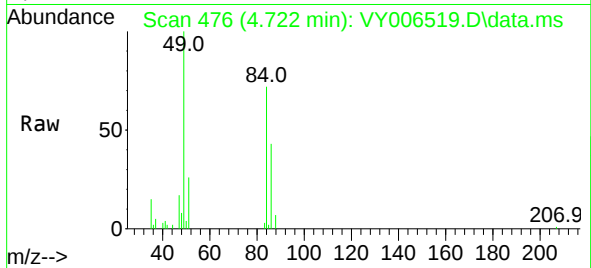
Tgt Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
58 16.9 22.9 34.3#





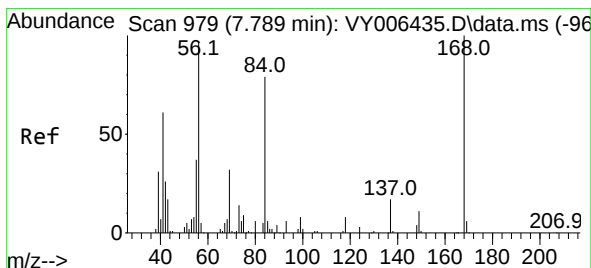
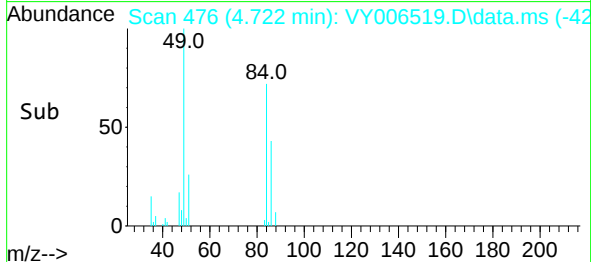
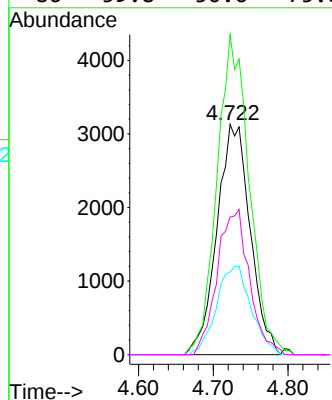
#20
Methylene Chloride
Concen: 3.576 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 9672

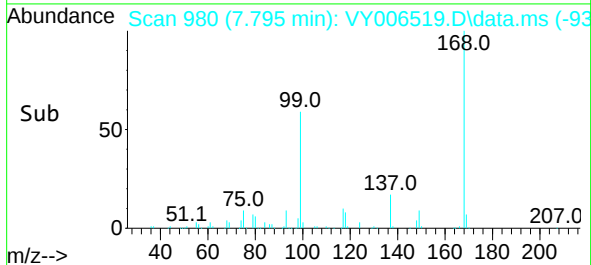
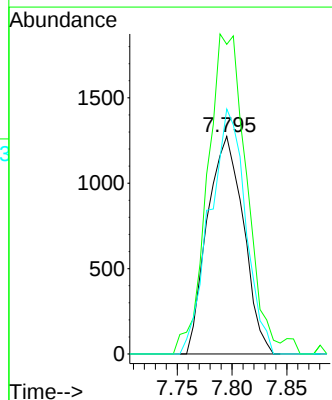
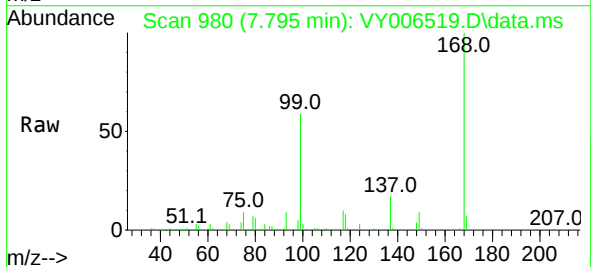
Ion	Ratio	Lower	Upper
84	100		
49	139.0	107.8	161.8
51	35.9	32.8	49.2
86	59.8	50.6	75.8

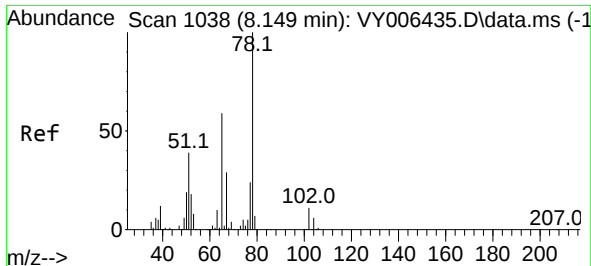


#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Tgt Ion: 56 Resp: 2923

Ion	Ratio	Lower	Upper
56	100		
69	137.3	26.6	40.0#
84	112.6	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 57.986 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006519.D

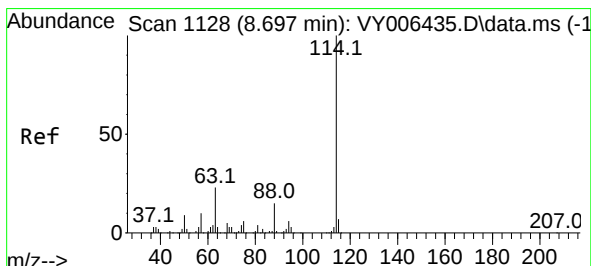
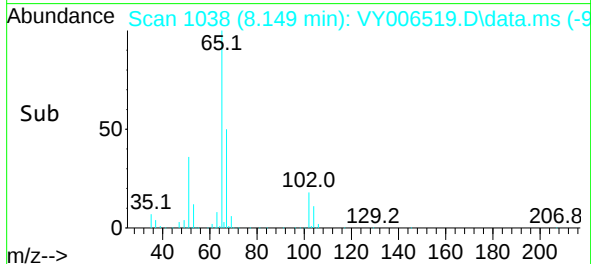
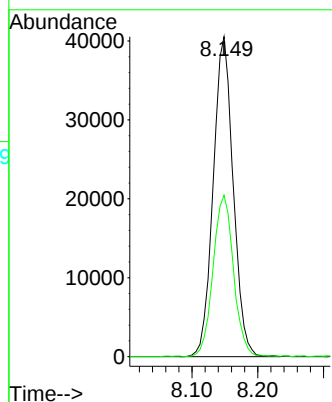
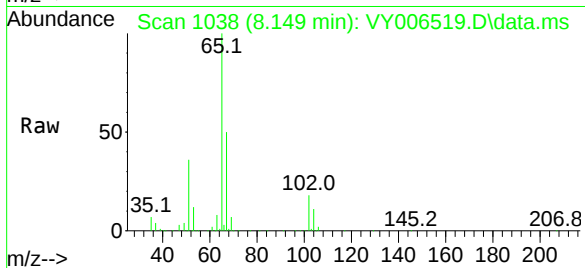
Acq: 28 Oct 2021 16:34

Tgt Ion: 65 Resp: 85756

Ion Ratio Lower Upper

65 100

67 51.7 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: VY006519.D

Acq: 28 Oct 2021 16:34

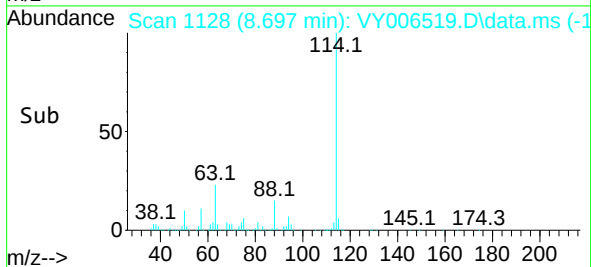
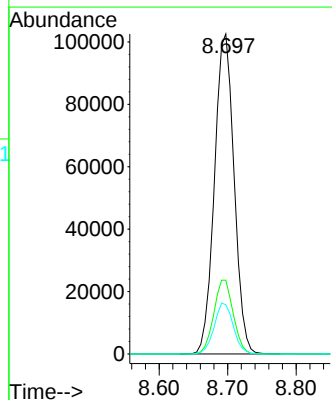
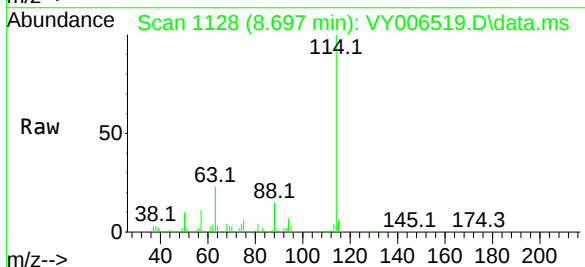
Tgt Ion: 114 Resp: 203825

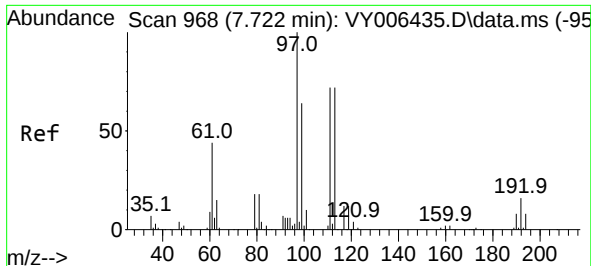
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.0

88 15.4 0.0 30.6

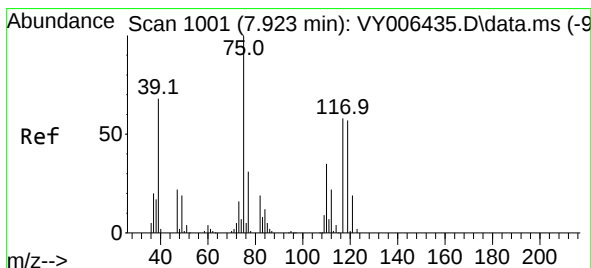
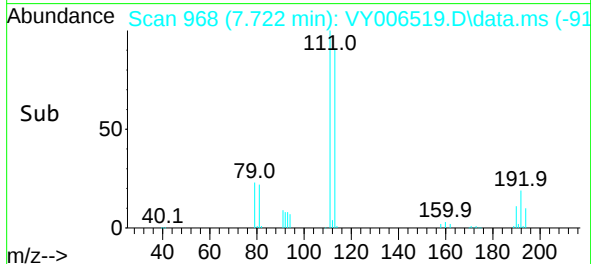
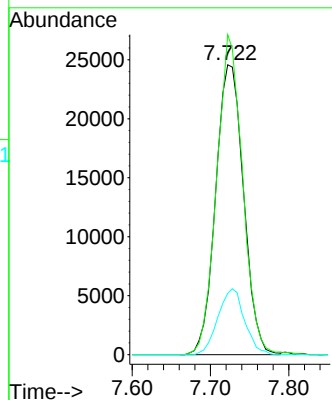
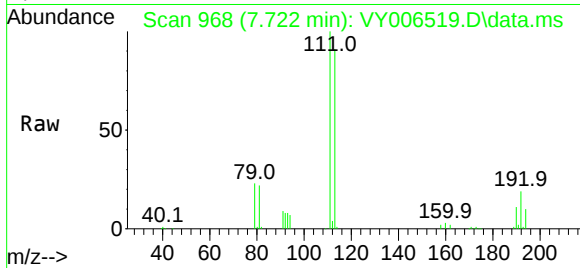




#35
Dibromofluoromethane
Concen: 53.524 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

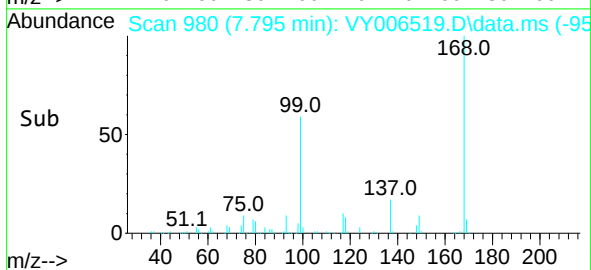
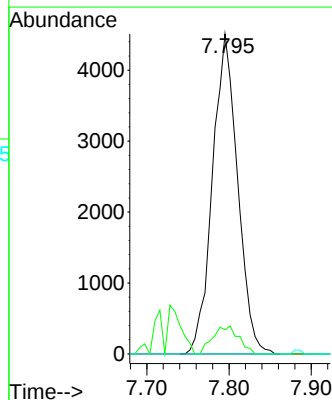
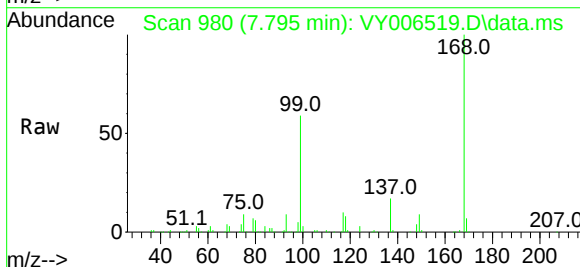
Instrument :
MSVOA_Y
ClientSampleId :

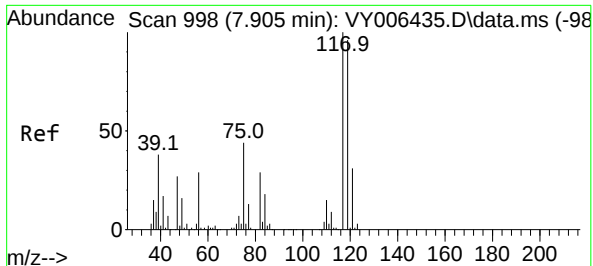
Tgt Ion:113 Resp: 60807
Ion Ratio Lower Upper
113 100
111 103.0 82.3 123.5
192 21.6 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.761 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

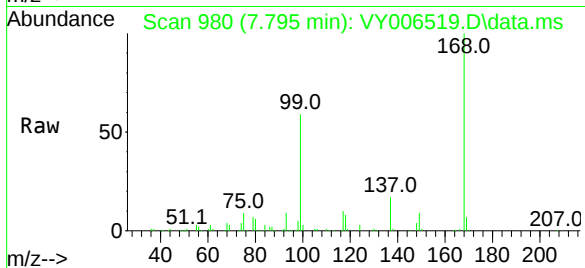
Tgt Ion: 75 Resp: 9589
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.3#
77 0.0 24.9 37.3#



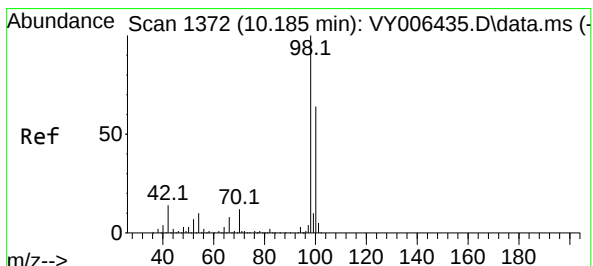
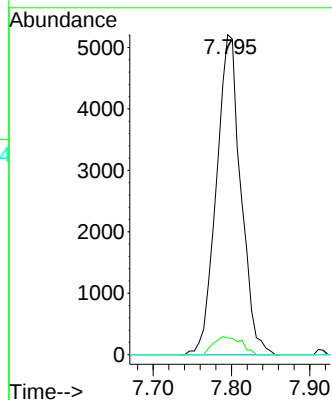
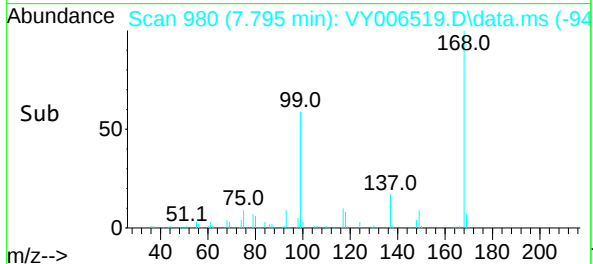


#38
Carbon Tetrachloride
Concen: 5.091 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Instrument :
MSVOA_Y
ClientSampleId :

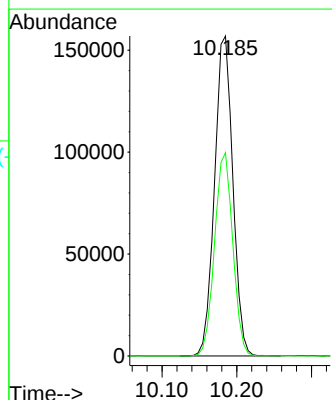
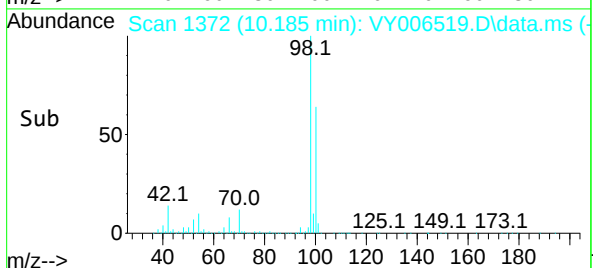
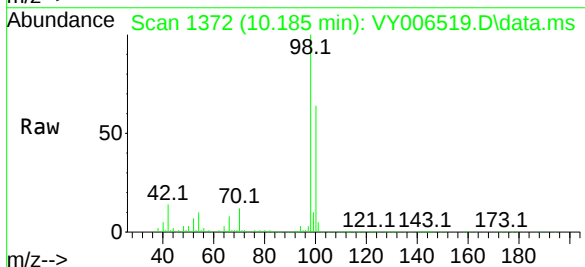


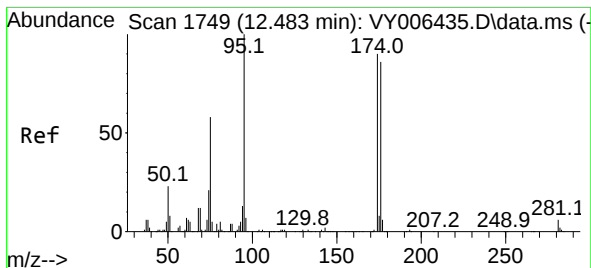
Tgt Ion:117 Resp: 11311
Ion Ratio Lower Upper
117 100
119 5.2 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.497 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Tgt Ion: 98 Resp: 267269
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

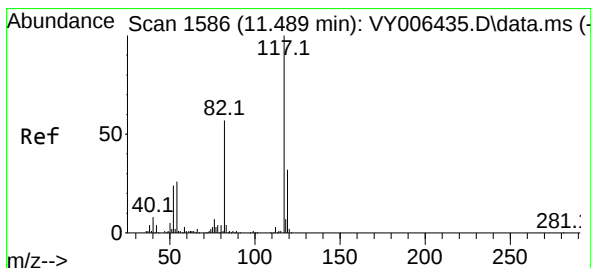
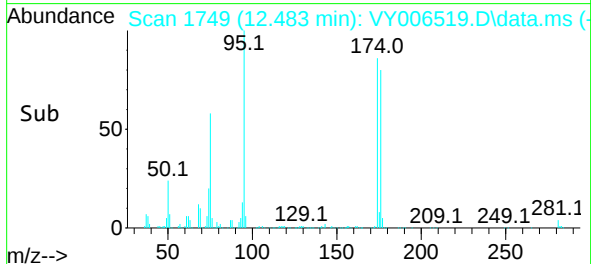
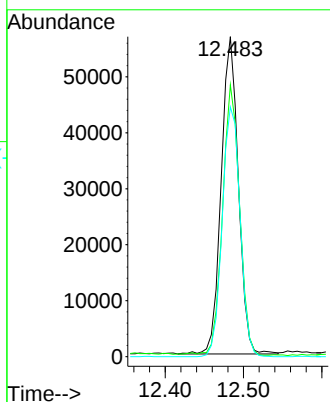
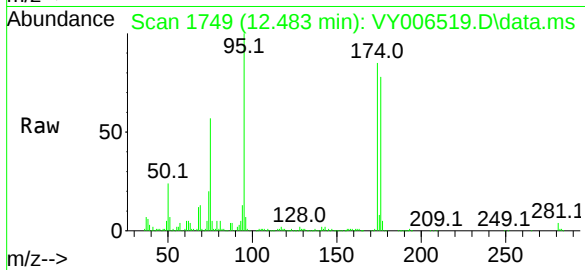




#62
4-Bromofluorobenzene
Concen: 53.273 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

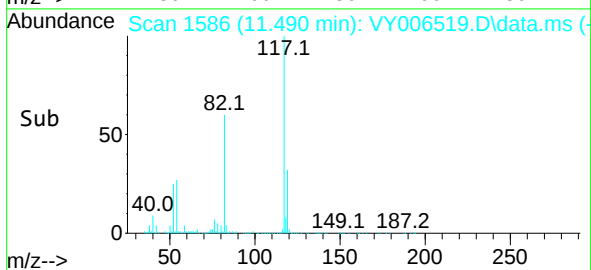
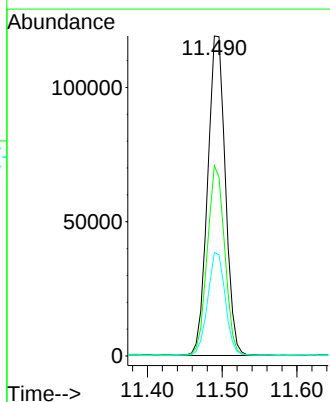
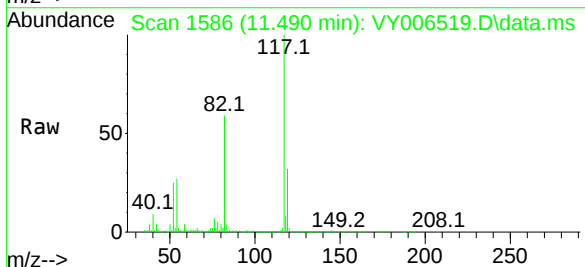
Instrument :
MSVOA_Y
ClientSampleId :

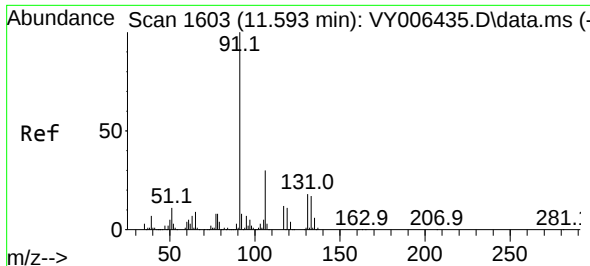
Tgt Ion:	95	Resp:	86425
Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	177.0
176	81.8	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Tgt Ion:	117	Resp:	196104
Ion	Ratio	Lower	Upper
117	100		
82	59.3	45.7	68.5
119	32.2	25.5	38.3

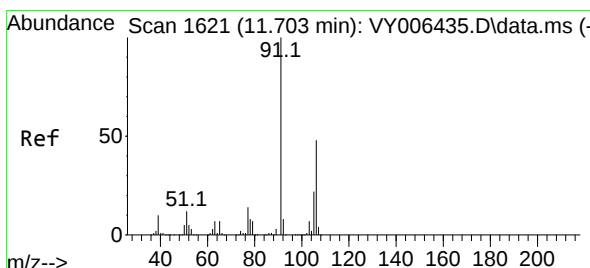
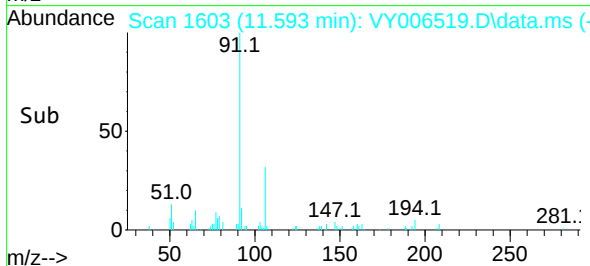
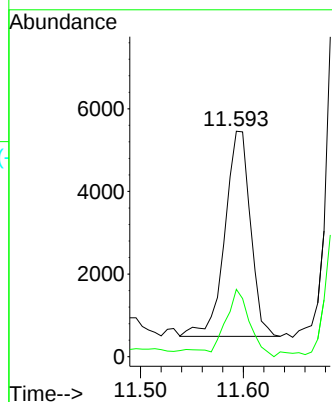
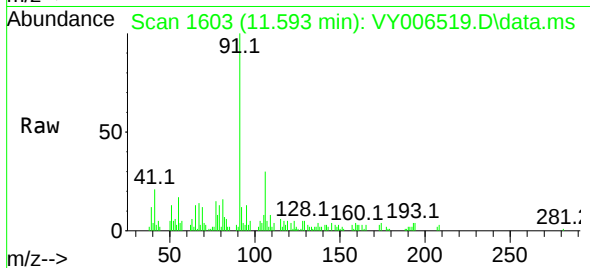




#67
Ethyl Benzene
Concen: 1.184 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

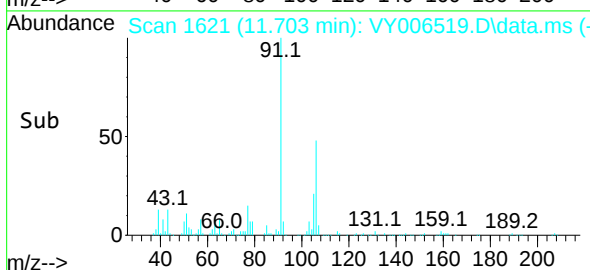
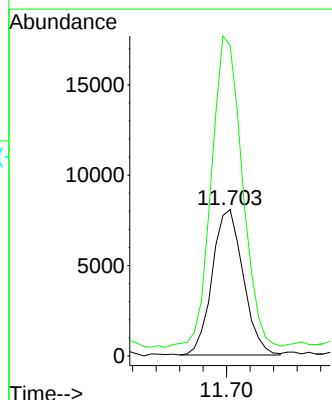
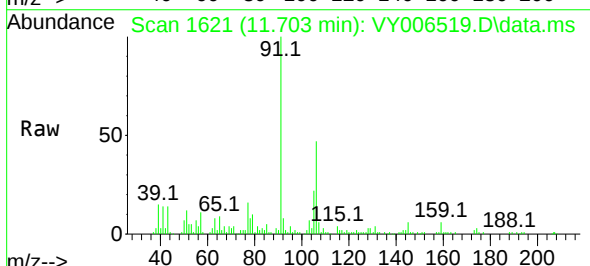
Instrument :
MSVOA_Y
ClientSampleId :

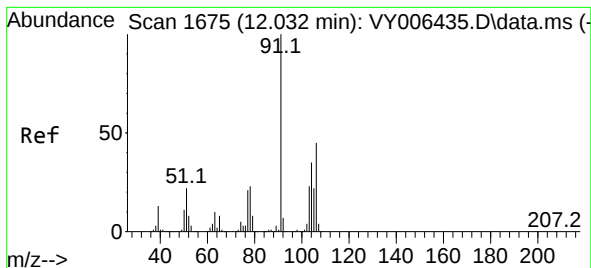
Tgt Ion: 91 Resp: 8603
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4



#68
m/p-Xylenes
Concen: 5.386 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

Tgt Ion:106 Resp: 14724
Ion Ratio Lower Upper
106 100
91 212.5 167.5 251.3

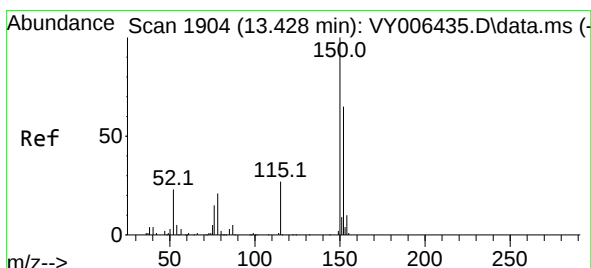
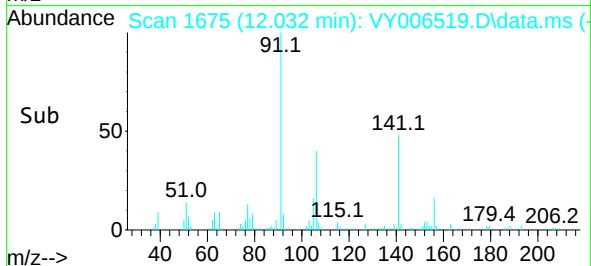
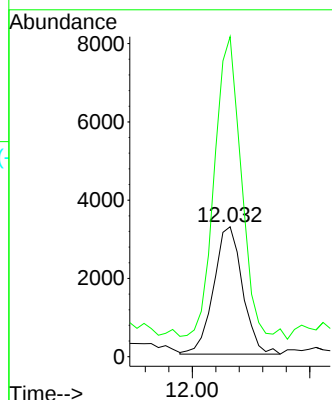
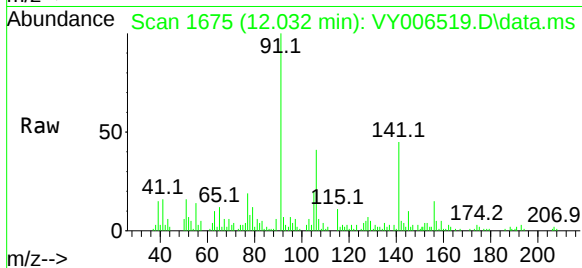




#69
o-Xylene
Concen: 2.131 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

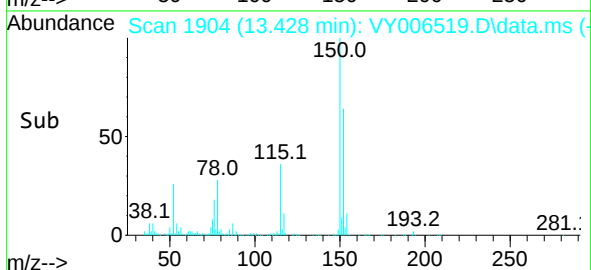
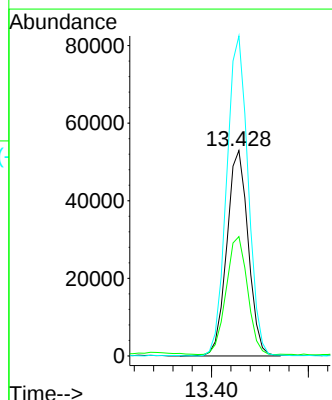
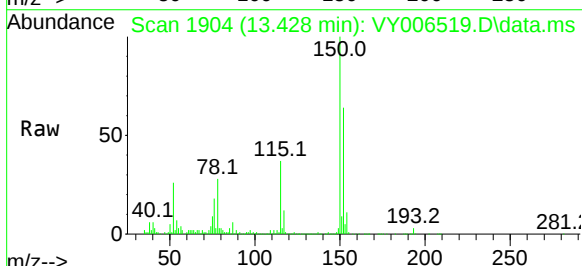
Instrument :
MSVOA_Y
ClientSampleId :

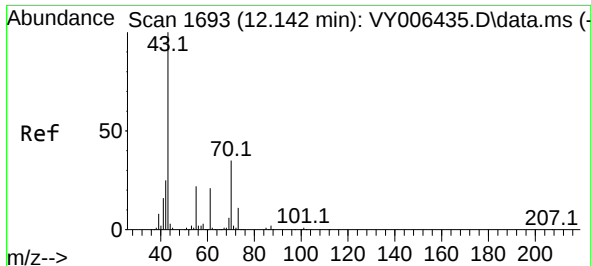
Tgt Ion:106 Resp: 5558
Ion Ratio Lower Upper
106 100
91 214.5 110.3 330.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

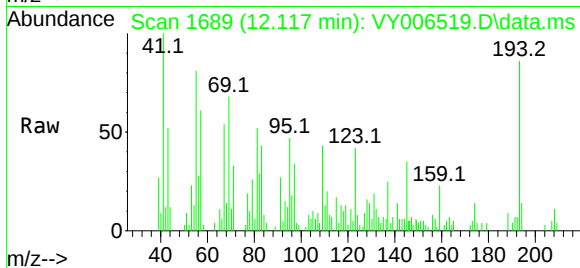
Tgt Ion:152 Resp: 81223
Ion Ratio Lower Upper
152 100
115 57.3 28.5 85.5
150 156.0 0.0 348.2



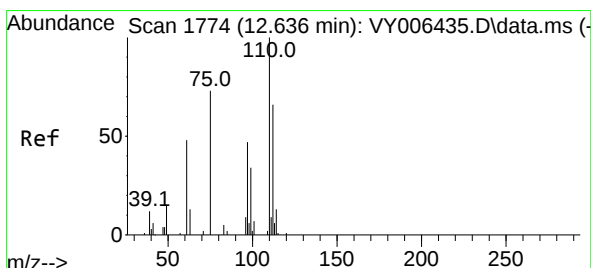
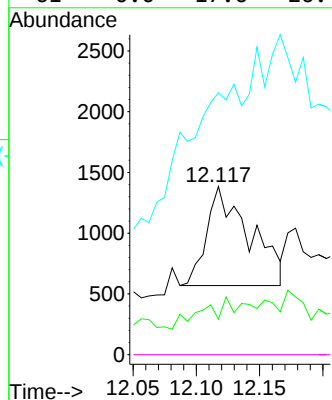
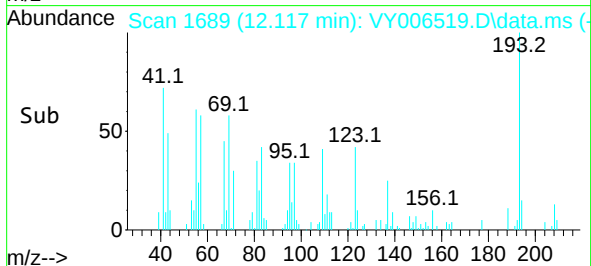


#74
N-amy1 acetate
Concen: 1.021 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.024 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34

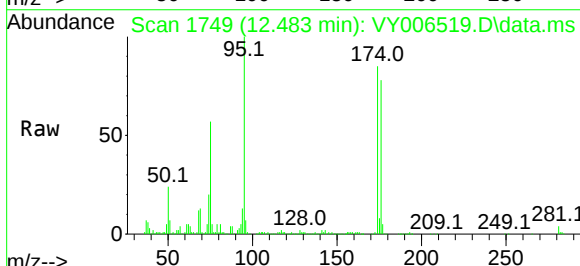
Instrument :
MSVOA_Y
ClientSampleId :



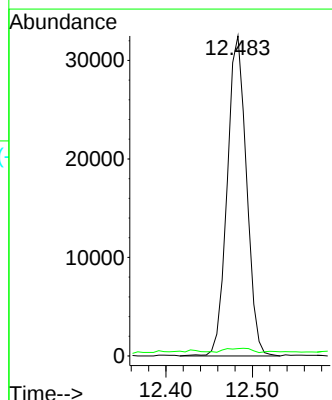
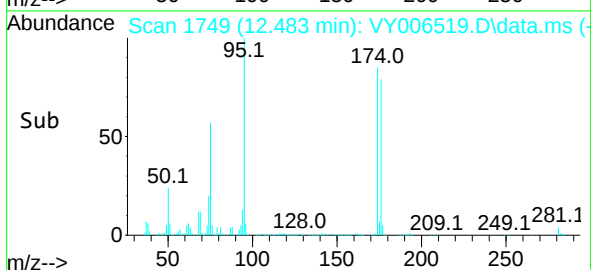
Tgt Ion:	43	Resp:	1924
Ion Ratio	100		
Lower	29.4		
Upper	44.0#		
70	4.5		
55	0.0		
61	0.0		

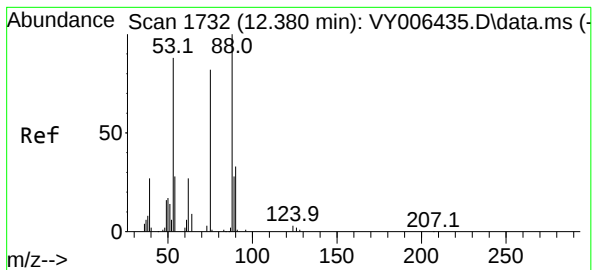


#76
1,2,3-Trichloropropane
Concen: 60.030 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006519.D
Acq: 28 Oct 2021 16:34



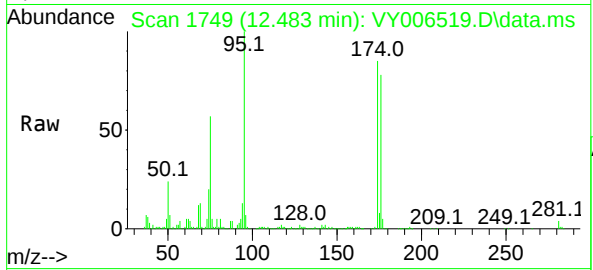
Tgt Ion:	75	Resp:	50244
Ion Ratio	100		
Lower	0.0		
Upper	0.0#		
77	1.8		





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.239 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006519.D
 Acq: 28 Oct 2021 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 50244
 Ion Ratio Lower Upper
 75 100
 53 0.3 85.8 128.6#
 89 0.3 39.3 58.9#

