

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006227.D
 Acq On : 29 Sep 2021 20:44
 Operator : SY/MD
 Sample : M3966-01
 Misc : 7.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 07:35:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

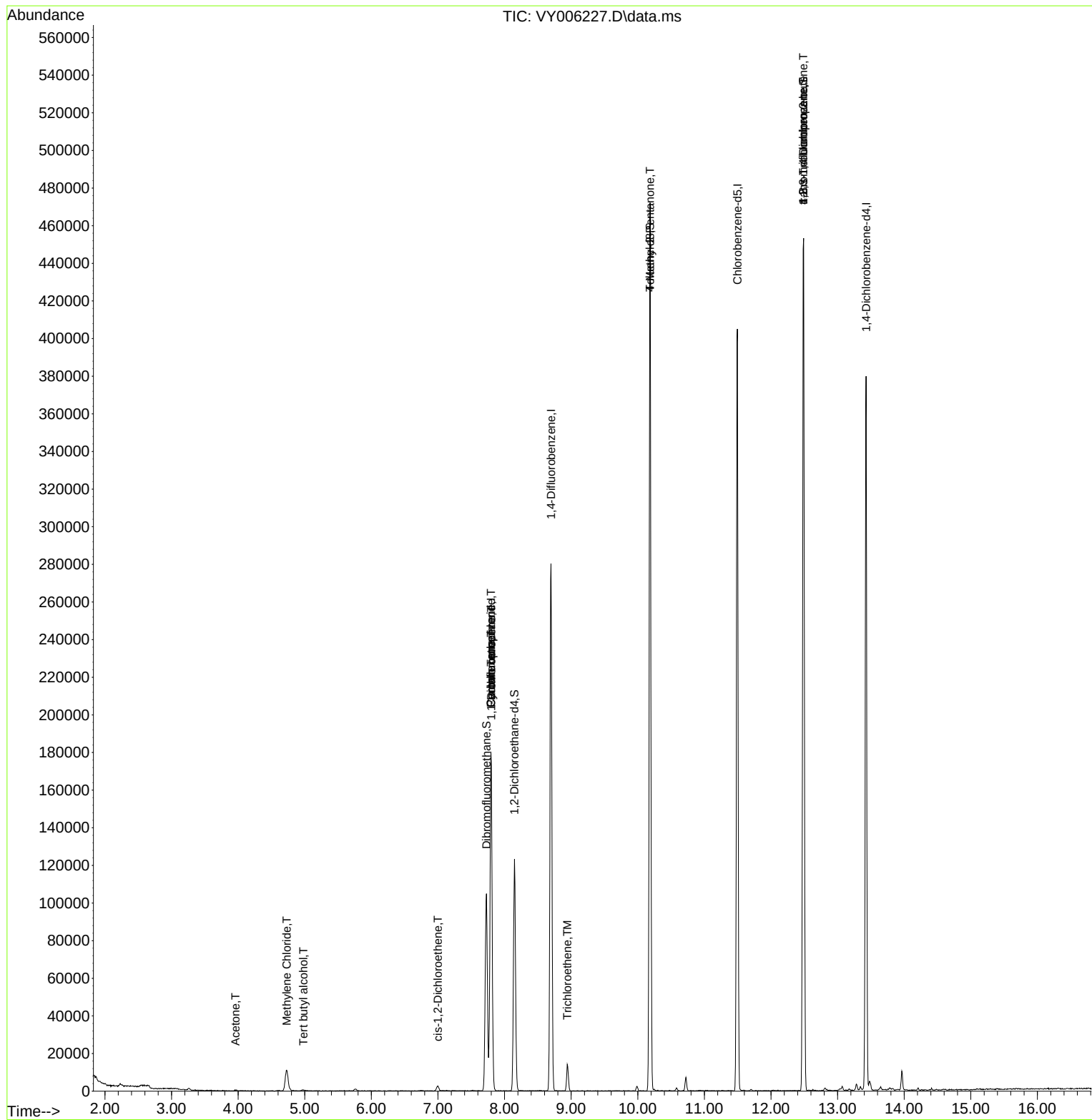
Internal Standards						
1) Pentafluorobenzene	7.795	168	140249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	230996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	213375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97564	64.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.000%	
35) Dibromofluoromethane	7.728	113	69576	56.377	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.760%	
50) Toluene-d8	10.185	98	289674	56.084	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.160%	
62) 4-Bromofluorobenzene	12.483	95	91303	52.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.979	59	1310	9.977	ug/l #	82
16) Acetone	3.960	43	608	1.450	ug/l #	47
20) Methylene Chloride	4.729	84	7872	1.841	ug/l	89
27) cis-1,2-Dichloroethene	6.997	96	1649	1.011	ug/l	75
31) Cyclohexane	7.795	56	3047	1.071	ug/l #	10
36) 1,1-Dichloropropene	7.801	75	10315	4.488	ug/l #	52
38) Carbon Tetrachloride	7.795	117	13559	5.587	ug/l #	15
44) Trichloroethene	8.941	130	4520	2.684	ug/l	98
51) 4-Methyl-2-Pentanone	10.185	43	1370	1.027	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	52176	56.909	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52176	111.835	ug/l #	8

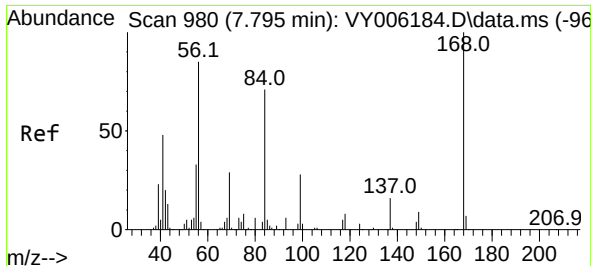
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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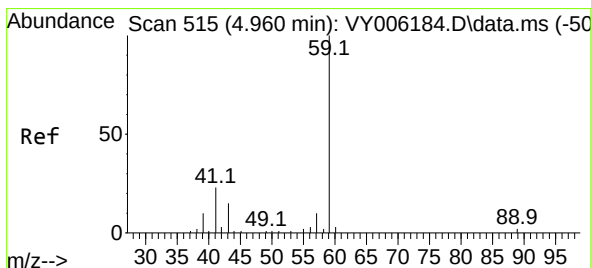
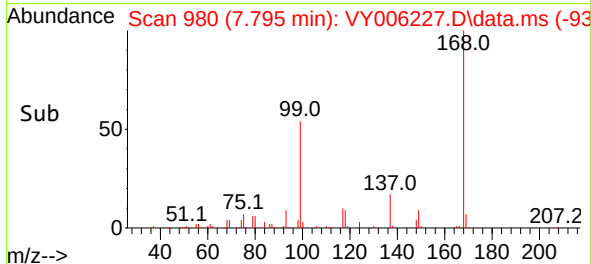
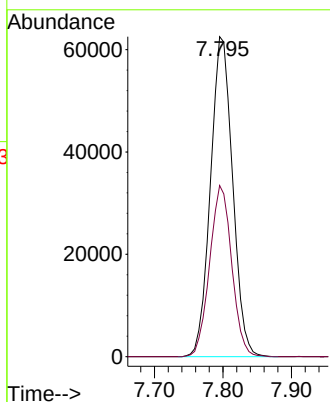
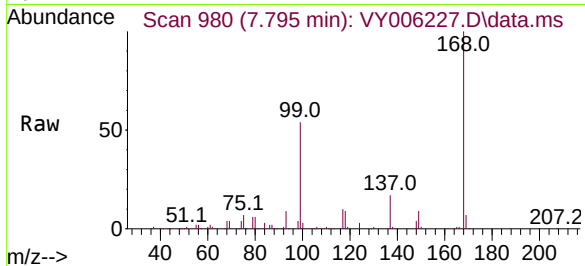




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

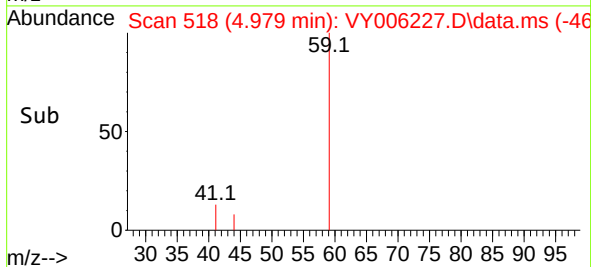
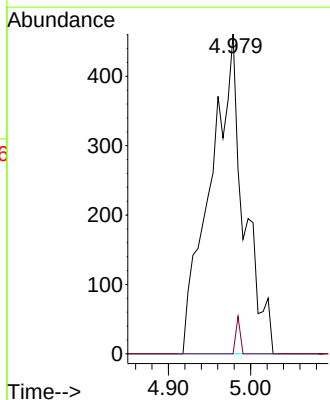
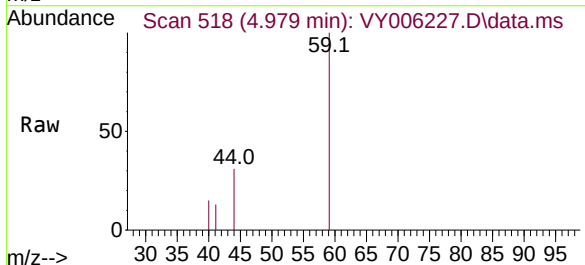
Instrument :
MSVOA_Y
ClientSampled :

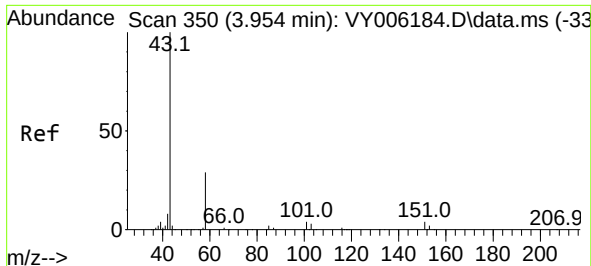
Tgt Ion:168 Resp: 140249
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 9.977 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.019 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

Tgt Ion: 59 Resp: 1310
Ion Ratio Lower Upper
59 100
57 1.5 6.4 9.6#

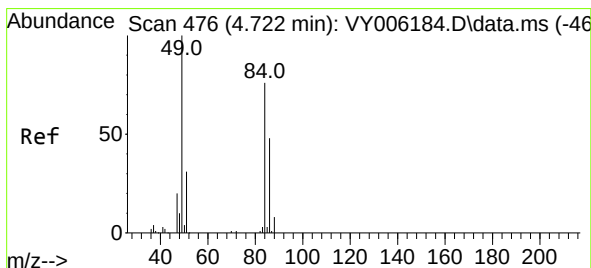
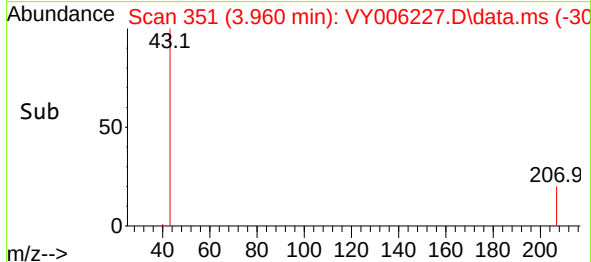
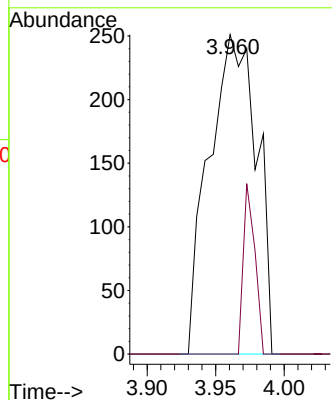
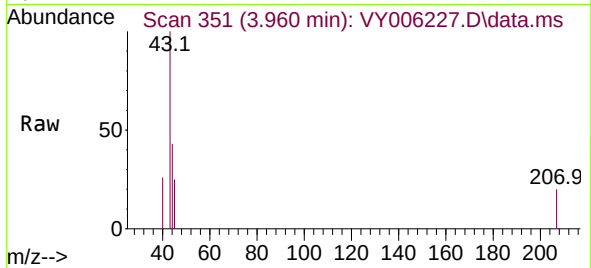




#16
Acetone
Concen: 1.450 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

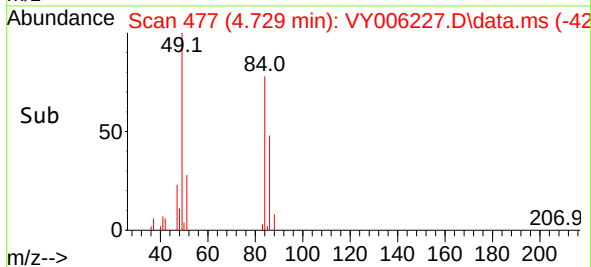
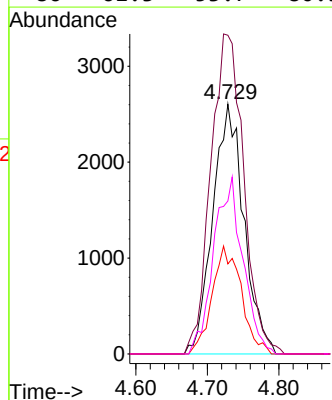
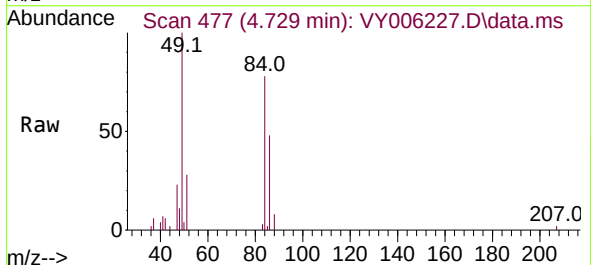
Instrument :
MSVOA_Y
ClientSampled :

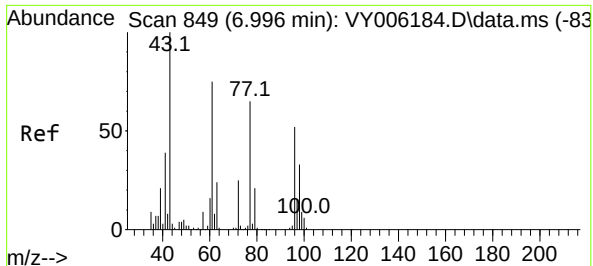
Tgt Ion: 43 Resp: 608
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 1.841 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

Tgt Ion: 84 Resp: 7872
Ion Ratio Lower Upper
84 100
49 127.6 114.4 171.6
51 36.1 35.3 52.9
86 61.3 53.7 80.5





#27

cis-1,2-Dichloroethene

Concen: 1.011 ug/l

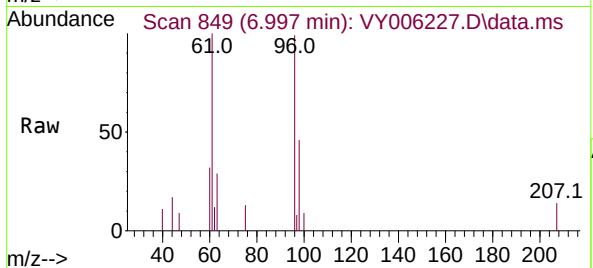
RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

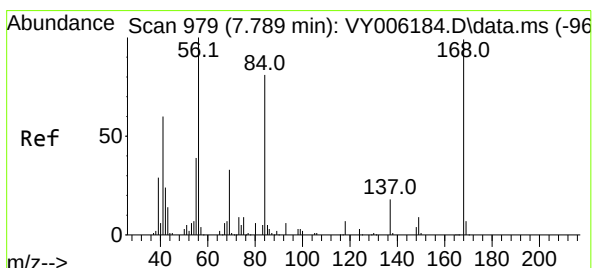
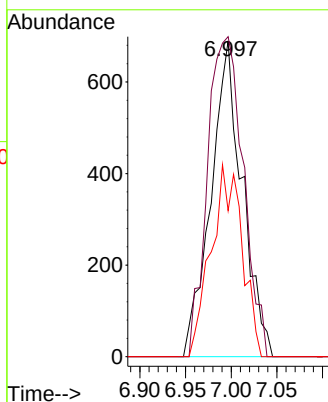
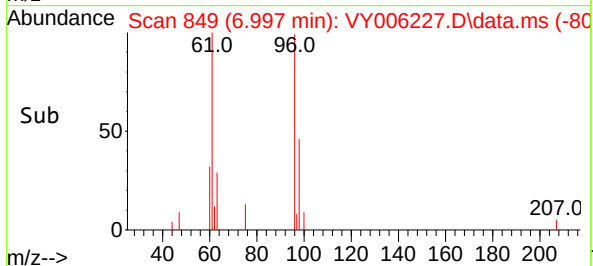
Lab File: VY006227.D

Acq: 29 Sep 2021 20:44

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	96	Resp:	1649
Ion	Ratio	Lower	Upper
96	100		
61	115.4	0.0	319.8
98	60.0	0.0	127.0



#31

Cyclohexane

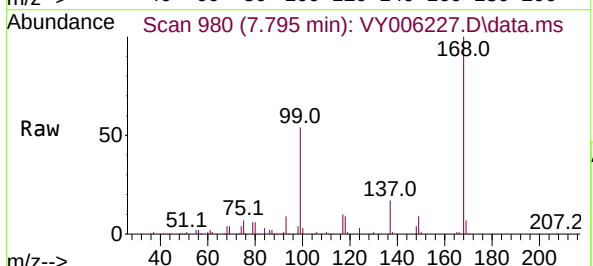
Concen: 1.071 ug/l

RT: 7.795 min Scan# 980

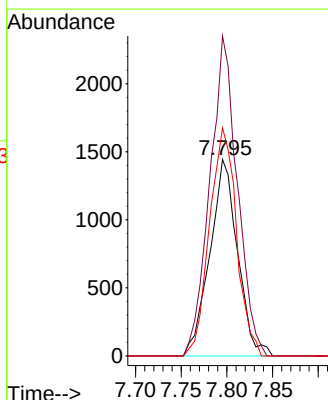
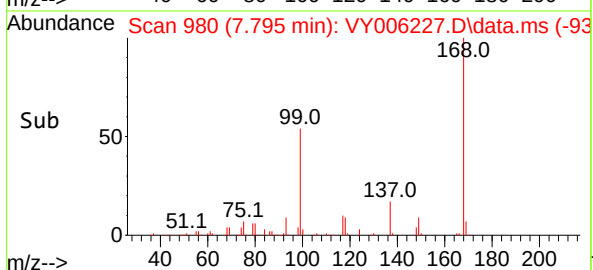
Delta R.T. 0.006 min

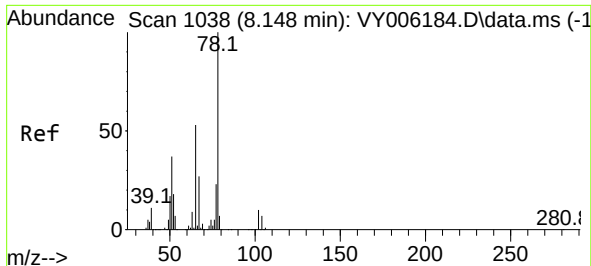
Lab File: VY006227.D

Acq: 29 Sep 2021 20:44



Tgt Ion:	56	Resp:	3047
Ion	Ratio	Lower	Upper
56	100		
69	162.8	26.7	40.1#
84	116.0	67.2	100.8#

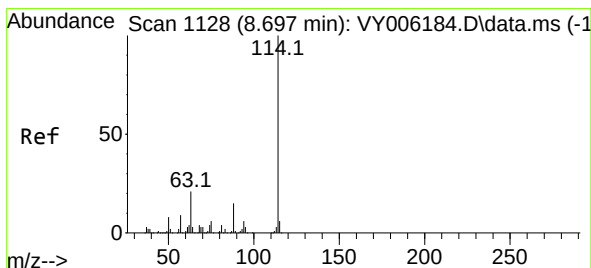
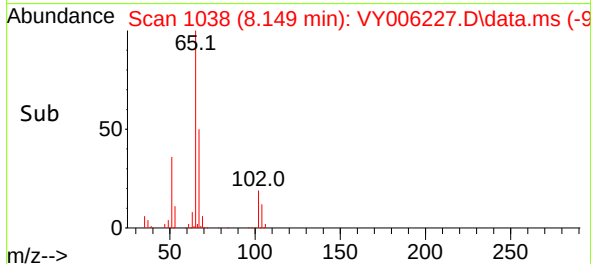
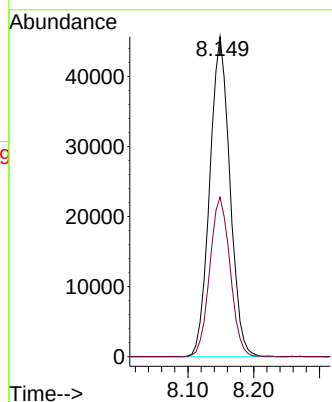
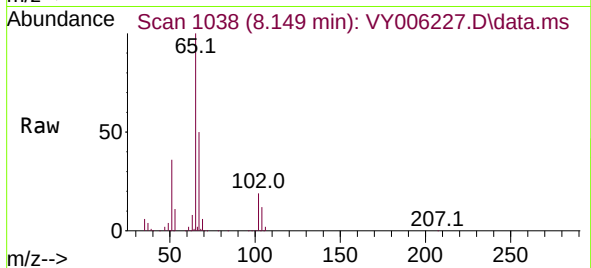




#33
1,2-Dichloroethane-d4
Concen: 64.996 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

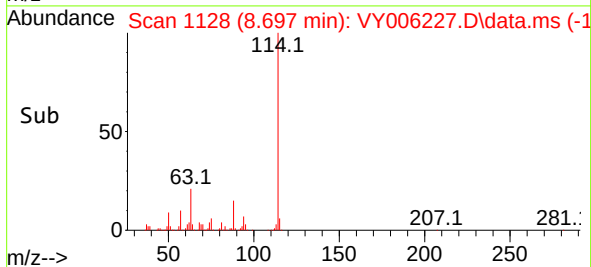
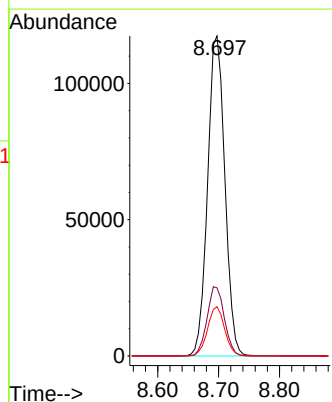
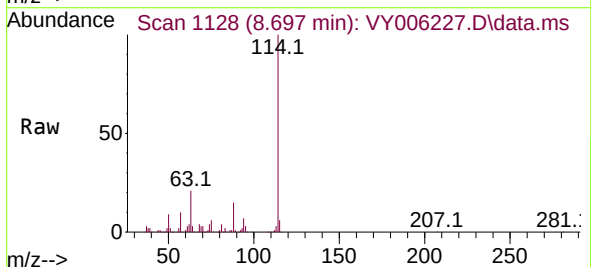
Instrument :
MSVOA_Y
ClientSampleId :

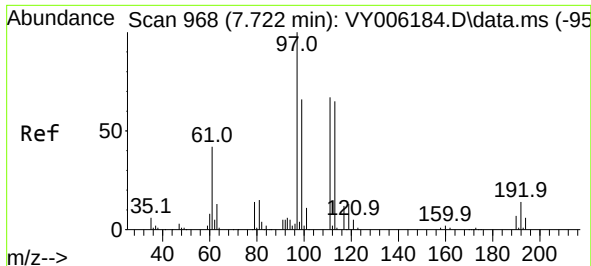
Tgt Ion: 65 Resp: 97564
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

Tgt Ion:114 Resp: 230996
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 15.4 0.0 31.8

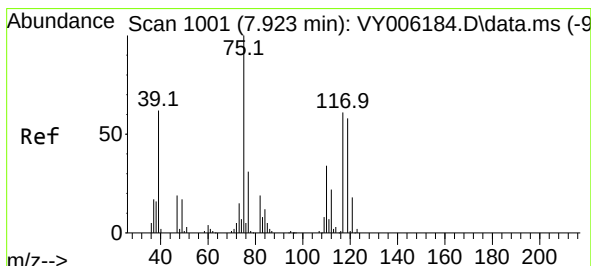
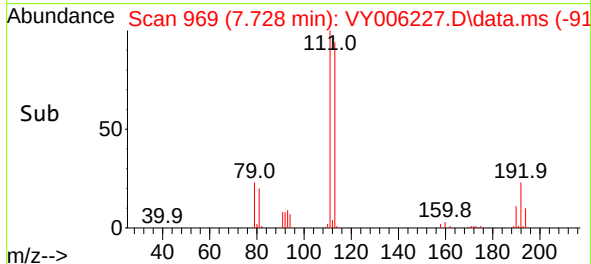
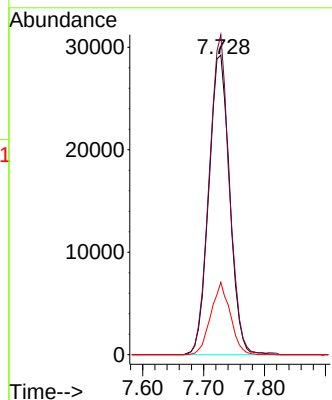
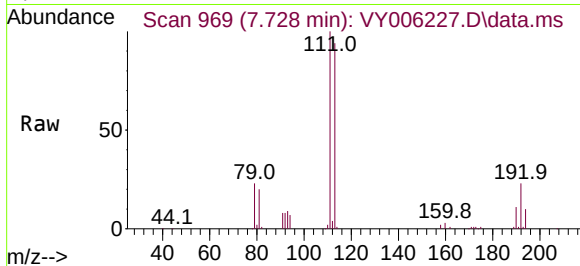




#35
Dibromofluoromethane
Concen: 56.377 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

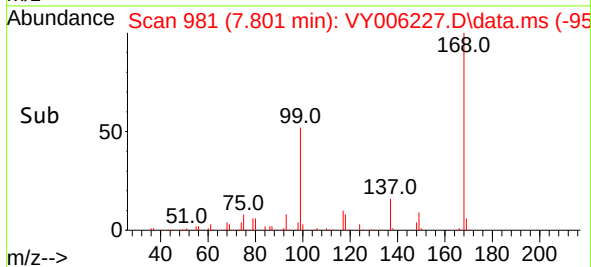
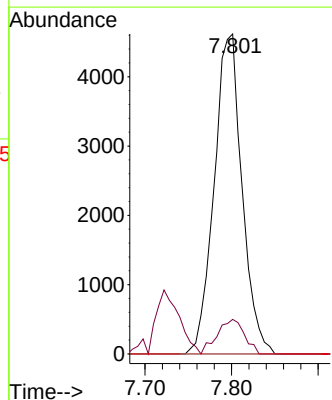
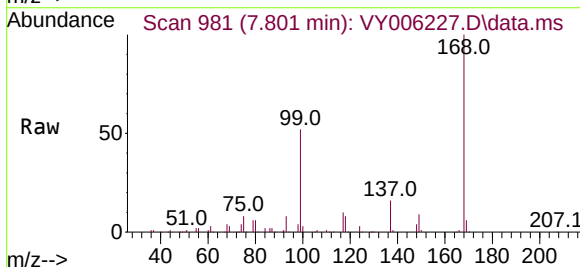
Instrument :
MSVOA_Y
ClientSampleId :

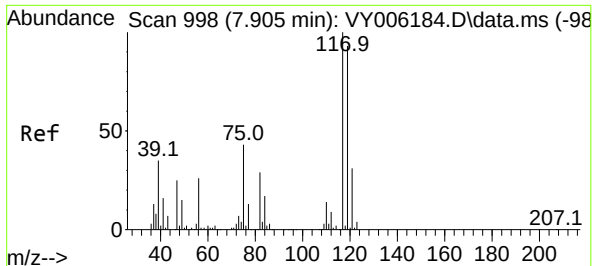
Tgt Ion:	113	Resp:	69576
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	22.6	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.488 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

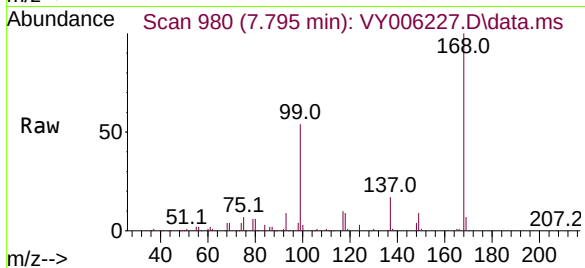
Tgt Ion:	75	Resp:	10315
Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.1	51.2#
77	0.0	24.4	36.6#



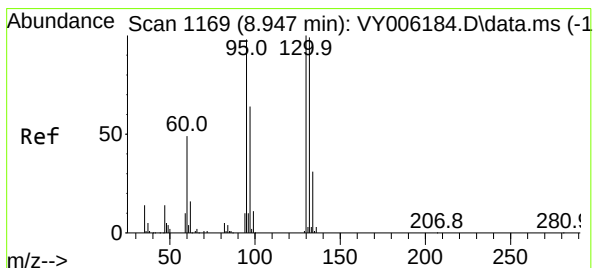
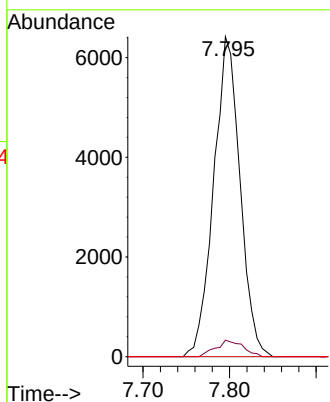
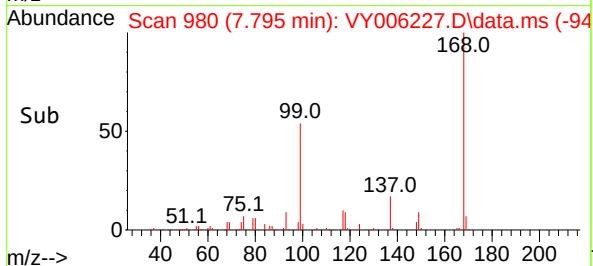


#38
Carbon Tetrachloride
Concen: 5.587 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.109 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

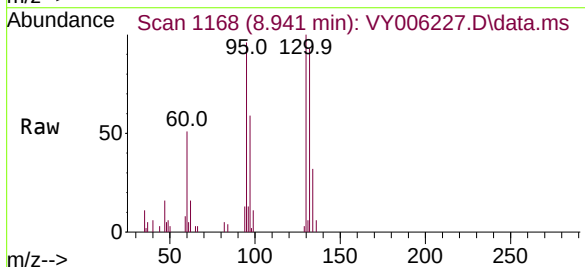
Instrument :
MSVOA_Y
ClientSampleId :



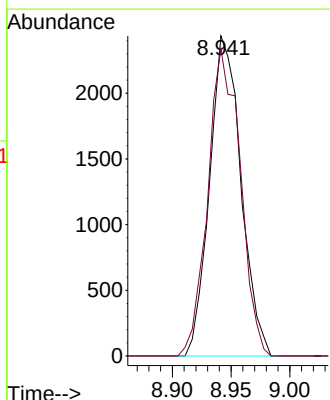
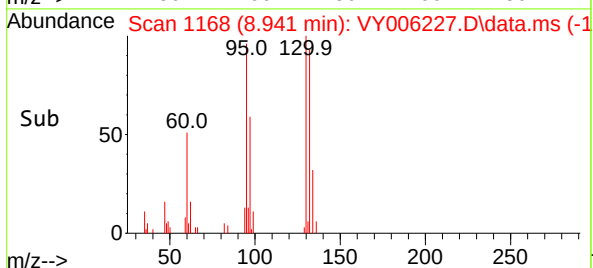
Tgt Ion:117 Resp: 13559
Ion Ratio Lower Upper
117 100
119 5.1 77.9 116.9#
121 0.0 24.8 37.2#

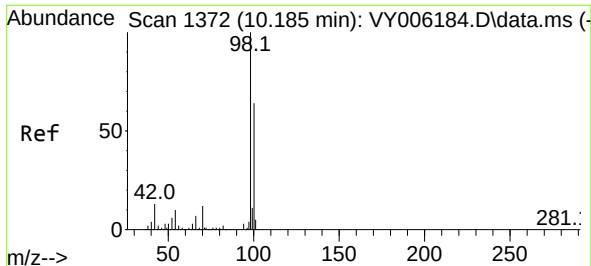


#44
Trichloroethene
Concen: 2.684 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44



Tgt Ion:130 Resp: 4520
Ion Ratio Lower Upper
130 100
95 96.0 0.0 188.2

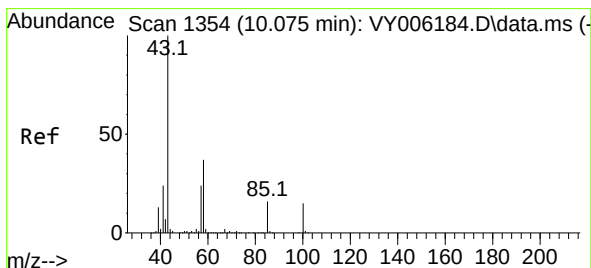
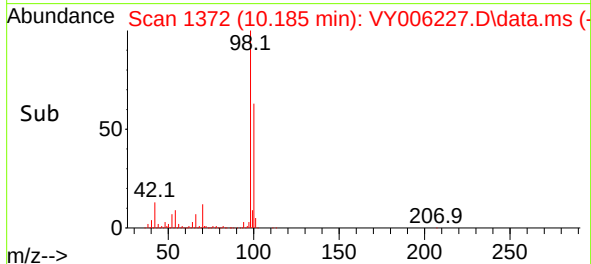
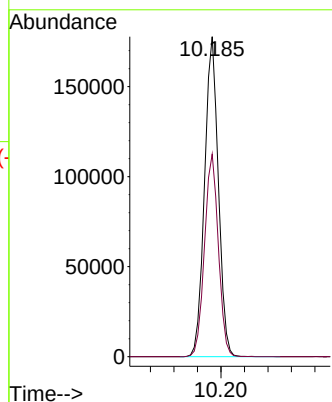
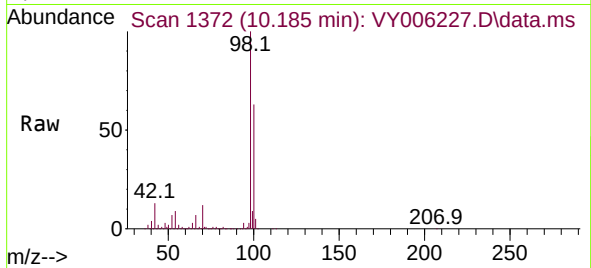




#50
Toluene-d8
Concen: 56.084 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

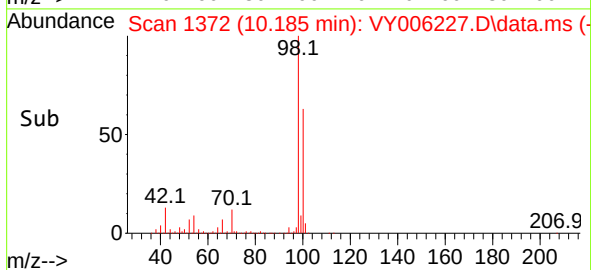
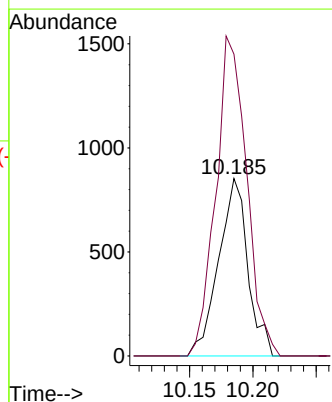
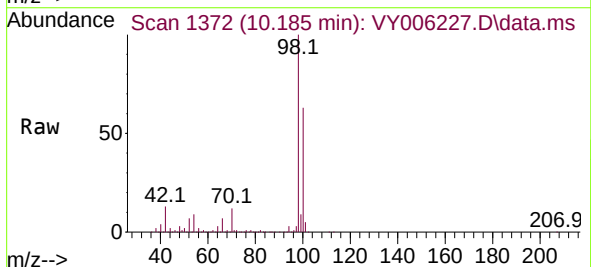
Instrument :
MSVOA_Y
ClientSampleId :

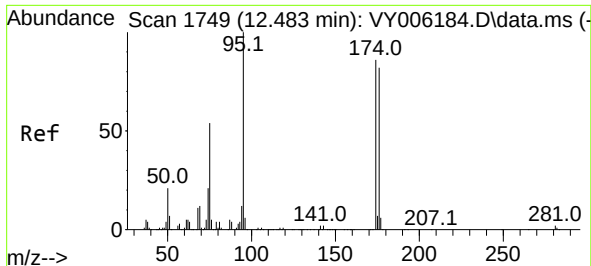
Tgt Ion: 98 Resp: 289674
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.027 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

Tgt Ion: 43 Resp: 1370
Ion Ratio Lower Upper
43 100
58 189.9 28.1 42.1#

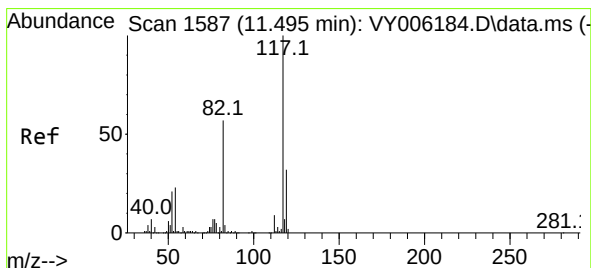
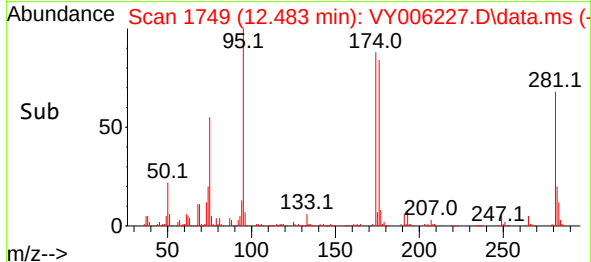
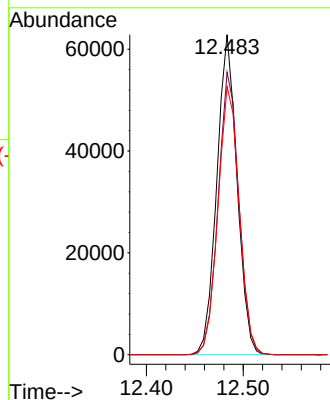
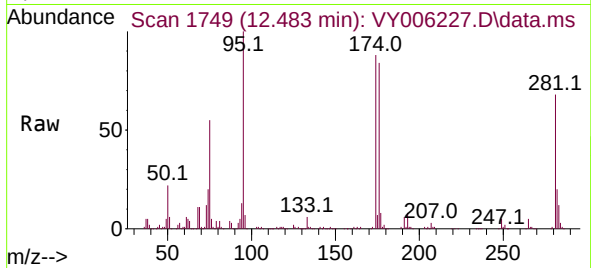




#62
4-Bromofluorobenzene
Concen: 52.036 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

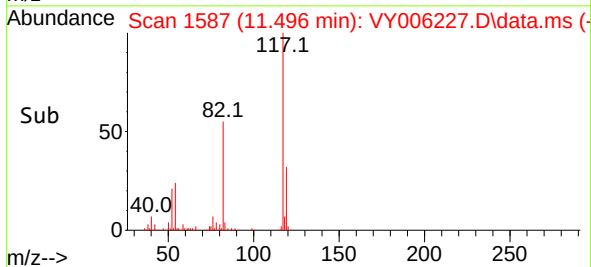
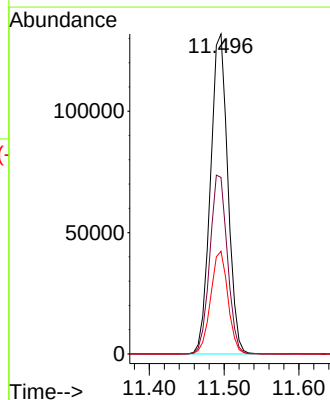
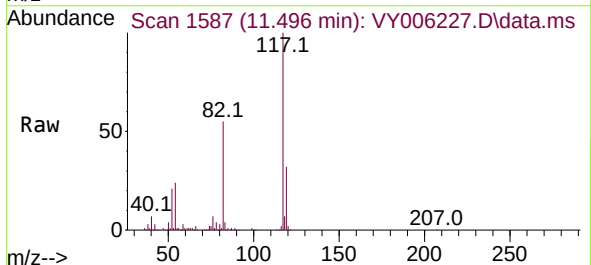
Instrument :
MSVOA_Y
ClientSampleId :

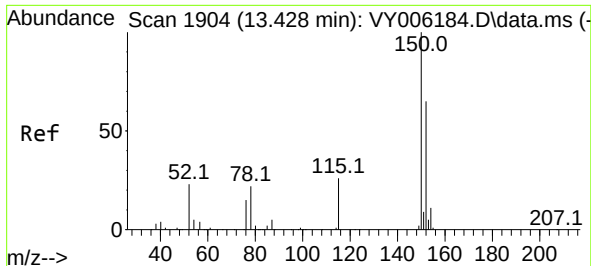
Tgt Ion: 95 Resp: 91303
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 87.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006227.D
Acq: 29 Sep 2021 20:44

Tgt Ion: 117 Resp: 213375
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.1 25.4 38.0

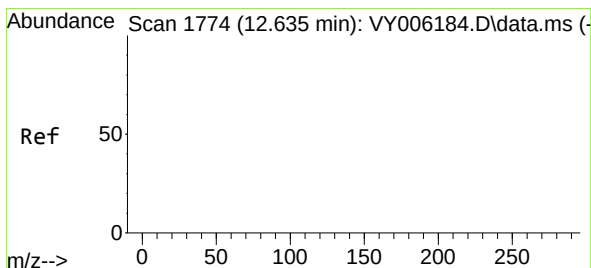
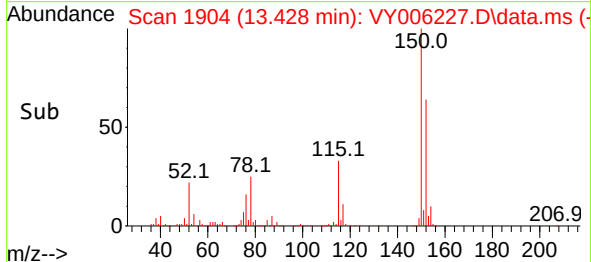
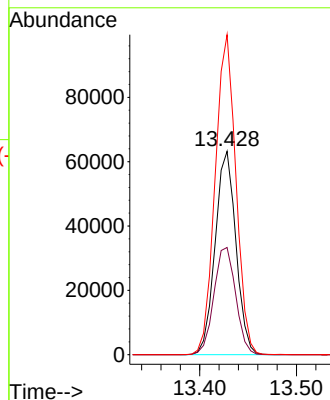
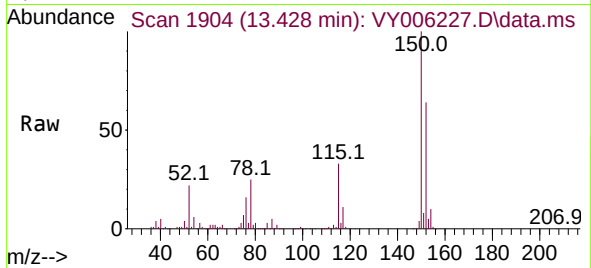




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006227.D
 Acq: 29 Sep 2021 20:44

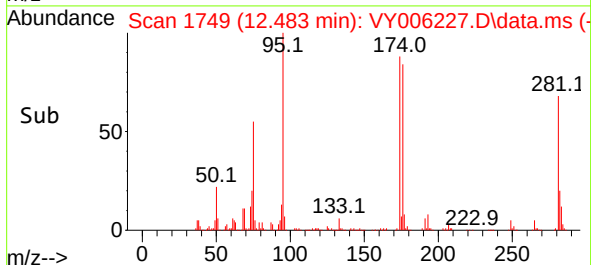
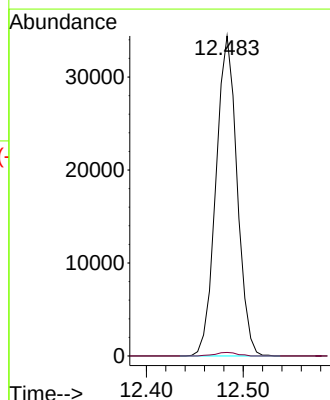
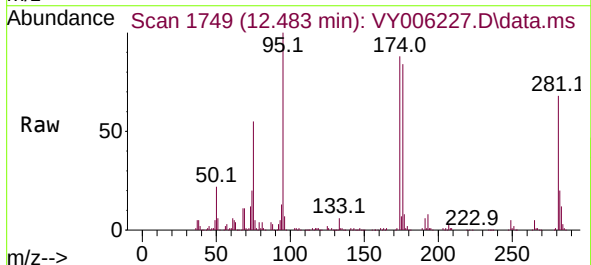
Instrument :
 MSVOA_Y
 ClientSampleId :

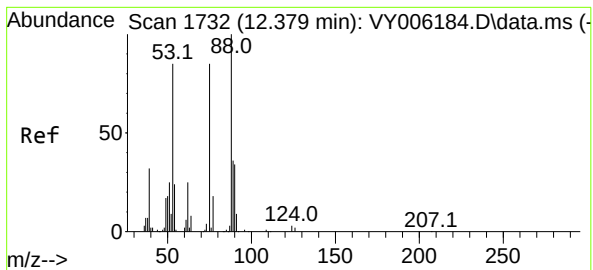
Tgt Ion:152 Resp: 94329
 Ion Ratio Lower Upper
 152 100
 115 55.3 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 56.909 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006227.D
 Acq: 29 Sep 2021 20:44

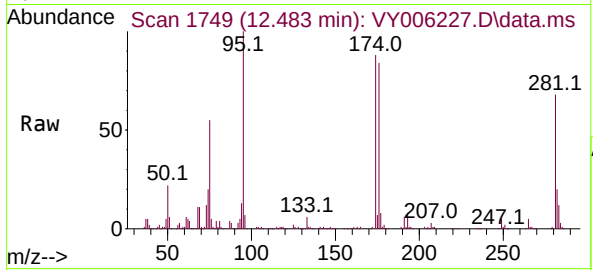
Tgt Ion: 75 Resp: 52176
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.835 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006227.D
 Acq: 29 Sep 2021 20:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	52176
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	1.0	37.0	55.4#

