

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091621\
 Data File : VY006048.D
 Acq On : 16 Sep 2021 15:20
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 17 02:45:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

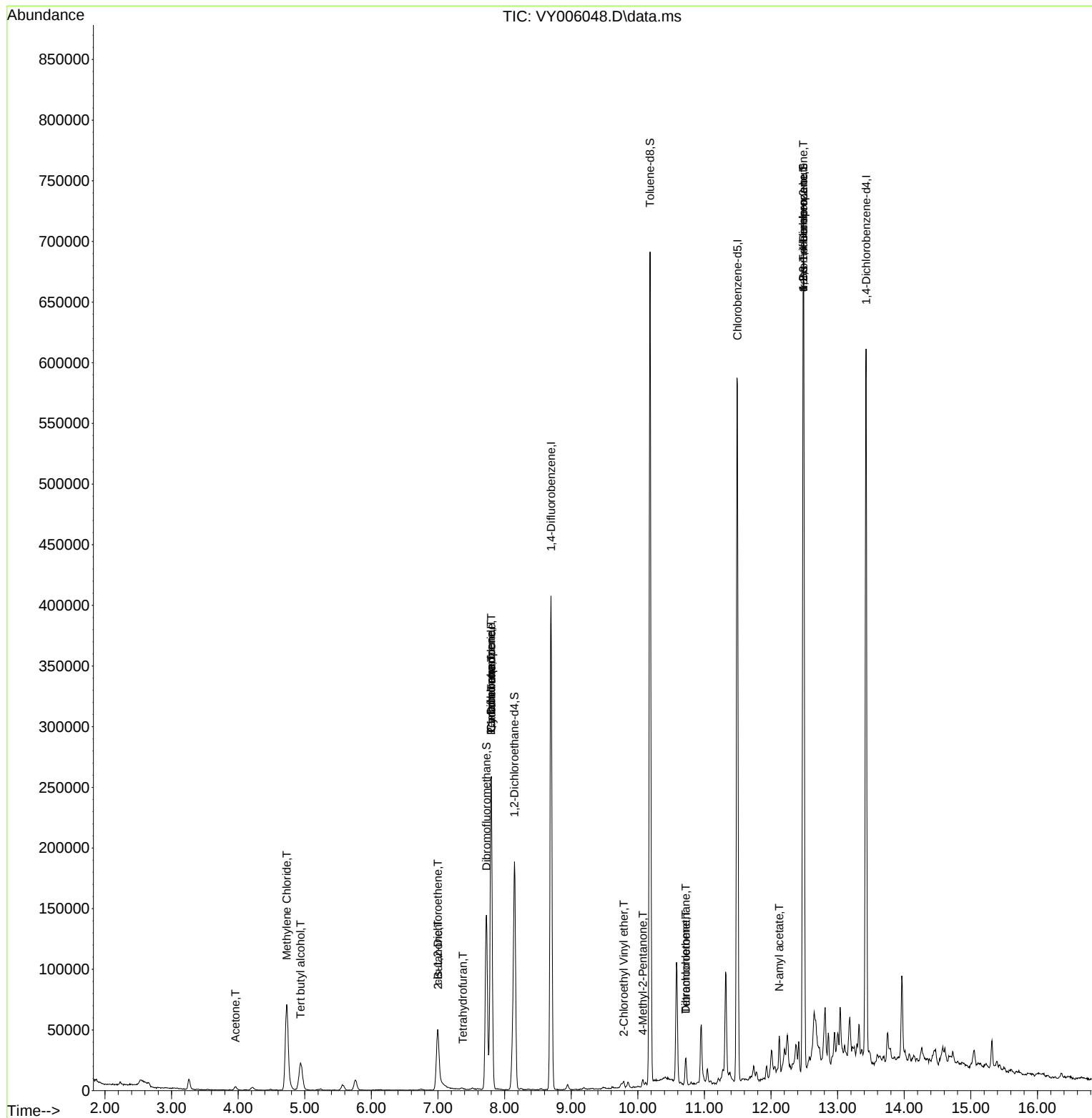
Internal Standards						
1) Pentafluorobenzene	7.795	168	194198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	318481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	294279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	138417	51.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.620%	
35) Dibromofluoromethane	7.728	113	100039	50.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.140%	
50) Toluene-d8	10.184	98	424407	50.339	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.680%	
62) 4-Bromofluorobenzene	12.483	95	149064	52.076	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.935	59	23435	17.585	ug/l #	79
16) Acetone	3.960	43	4891	6.611	ug/l	100
20) Methylene Chloride	4.728	84	48992	18.274	ug/l	97
25) 2-Butanone	7.002	43	2621	2.570	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	10816	4.459	ug/l	99
29) Tetrahydrofuran	7.374	42	665	1.038	ug/l #	44
31) Cyclohexane	7.801	56	4774	1.105	ug/l #	4
36) 1,1-Dichloropropene	7.795	75	16640	4.841	ug/l #	50
38) Carbon Tetrachloride	7.801	117	19509	5.213	ug/l #	17
51) 4-Methyl-2-Pentanone	10.075	43	4369	1.853	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.788	63	2371	1.562	ug/l #	88
60) Dibromochloromethane	10.721	129	3469	1.551	ug/l #	11
64) Tetrachloroethene	10.721	164	3901	1.621	ug/l	93
74) N-amyl acetate	12.123	43	7159	1.856	ug/l #	67
76) 1,2,3-Trichloropropane	12.483	75	86637	56.978	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86637	104.755	ug/l #	8

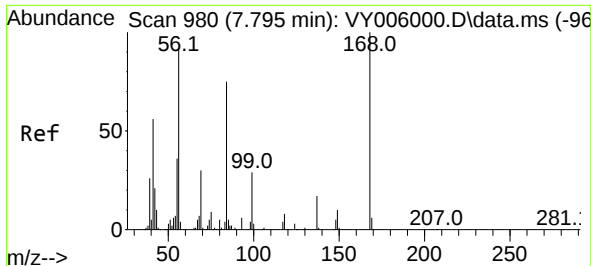
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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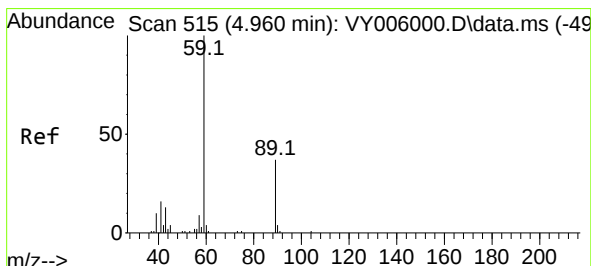
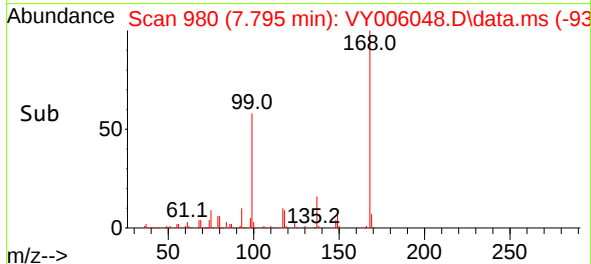
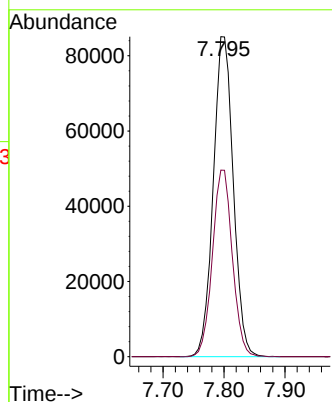
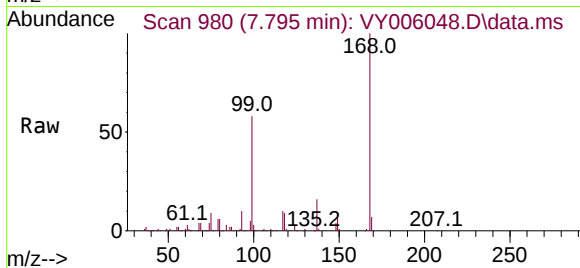




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

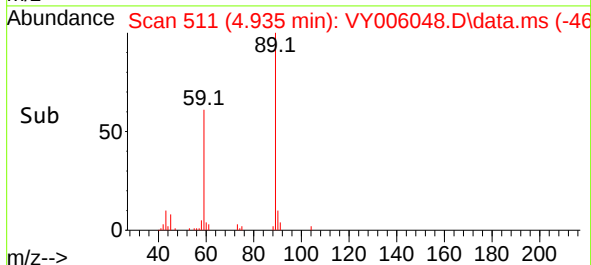
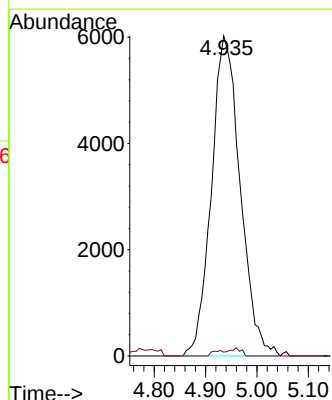
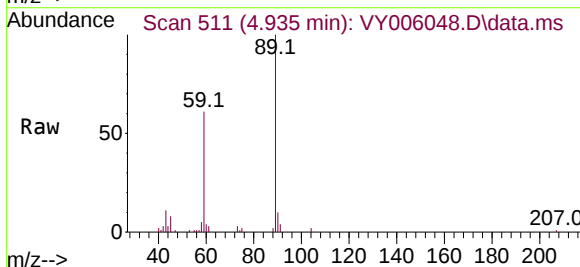
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

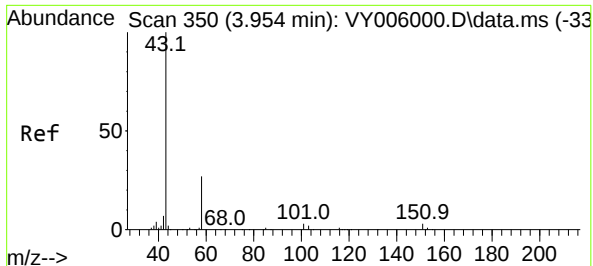
Tgt Ion:168 Resp: 194198
Ion Ratio Lower Upper
168 100
99 58.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 17.585 ug/l
RT: 4.935 min Scan# 511
Delta R.T. -0.025 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

Tgt Ion: 59 Resp: 23435
Ion Ratio Lower Upper
59 100
57 0.7 6.4 9.6#

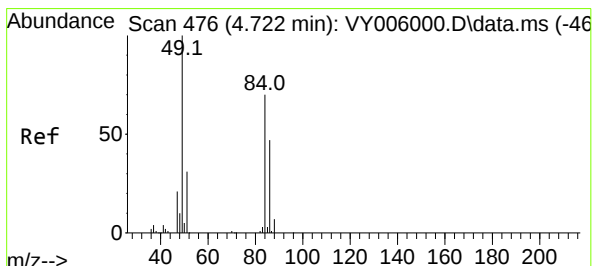
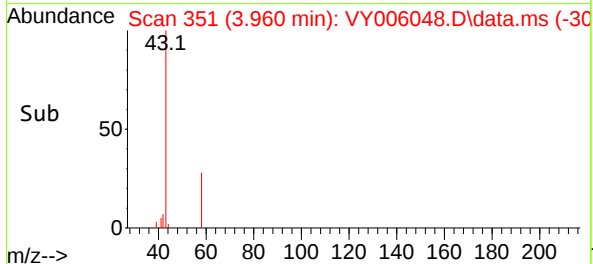
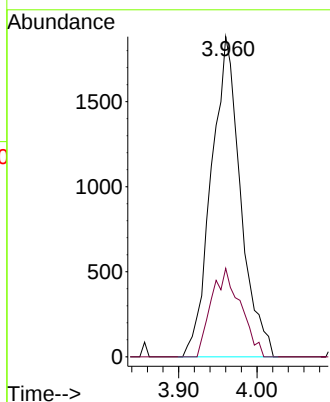
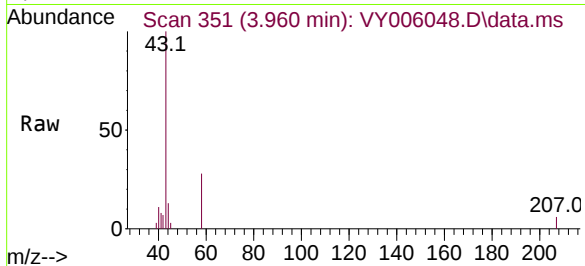




#16
Acetone
Concen: 6.611 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

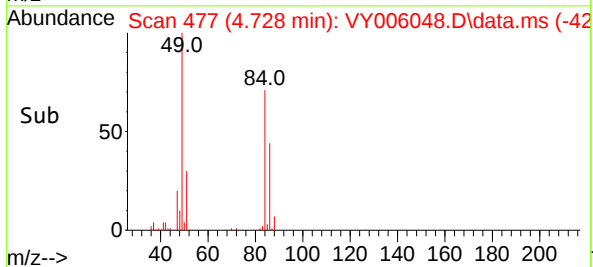
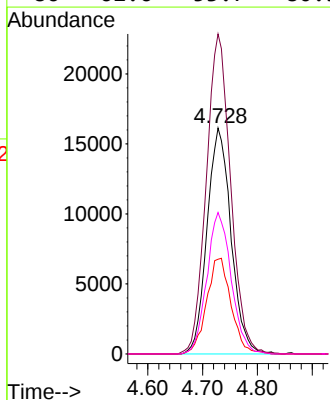
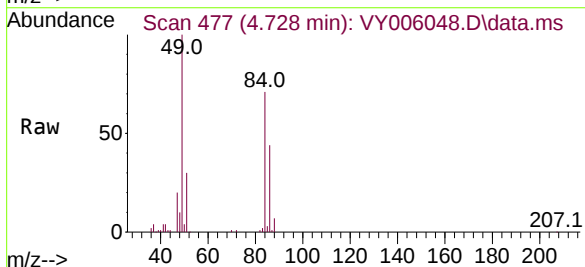
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

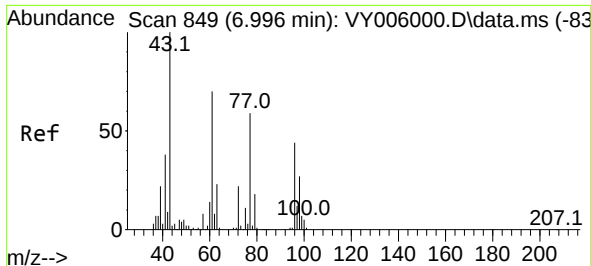
Tgt Ion: 43 Resp: 4891
Ion Ratio Lower Upper
43 100
58 27.6 22.0 33.0



#20
Methylene Chloride
Concen: 18.274 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

Tgt Ion: 84 Resp: 48992
Ion Ratio Lower Upper
84 100
49 141.7 114.4 171.6
51 42.0 35.3 52.9
86 62.6 53.7 80.5

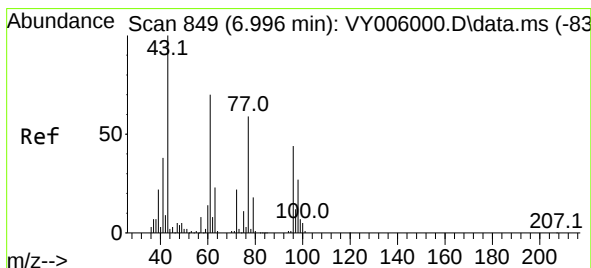
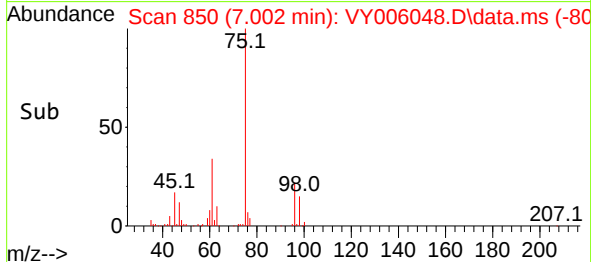
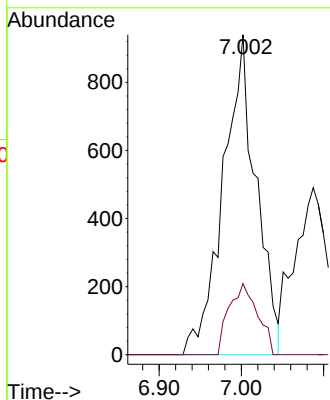
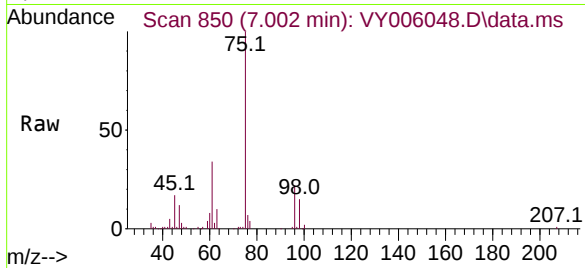




#25
2-Butanone
Concen: 2.570 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

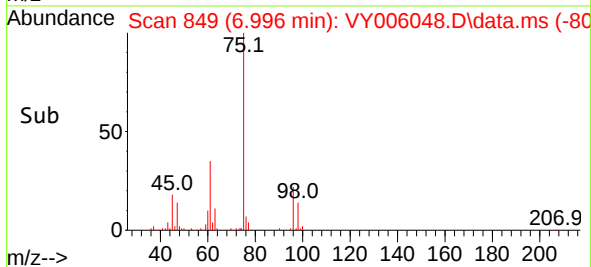
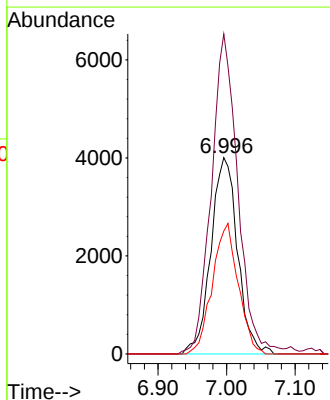
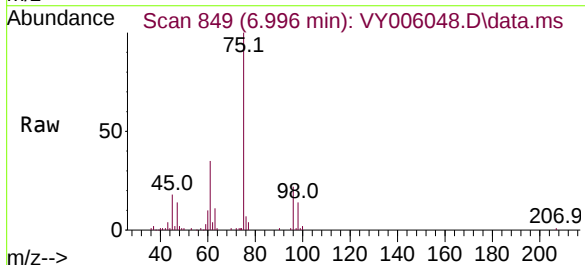
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

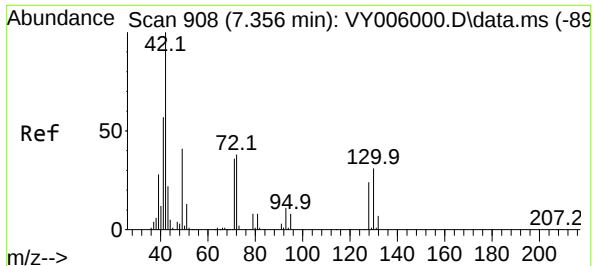
Tgt Ion: 43 Resp: 2621
Ion Ratio Lower Upper
43 100
72 22.2 17.7 26.5



#27
cis-1,2-Dichloroethene
Concen: 4.459 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

Tgt Ion: 96 Resp: 10816
Ion Ratio Lower Upper
96 100
61 161.9 0.0 319.8
98 64.5 0.0 127.0





#29

Tetrahydrofuran

Concen: 1.038 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.018 min

Lab File: VY006048.D

Acq: 16 Sep 2021 15:20

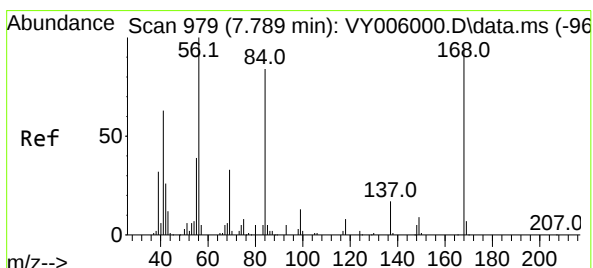
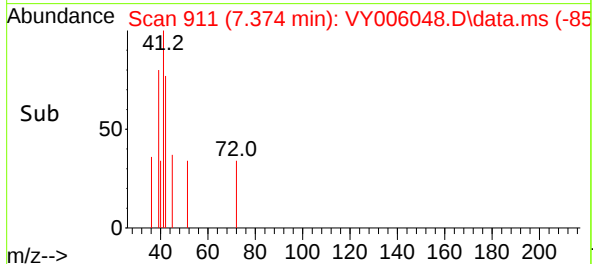
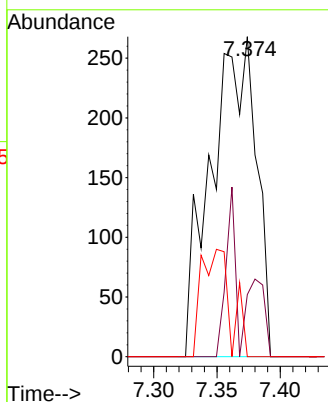
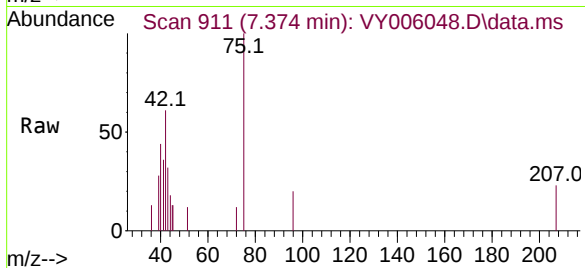
Instrument :

MSVOA_Y

ClientSampled :

VIBLK

Tgt Ion:	42	Resp:	665
Ion	Ratio	Lower	Upper
42	100		
72	6.9	30.3	45.5#
71	0.0	29.0	43.4#



#31

Cyclohexane

Concen: 1.105 ug/l

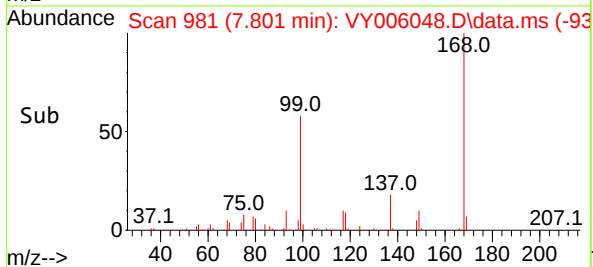
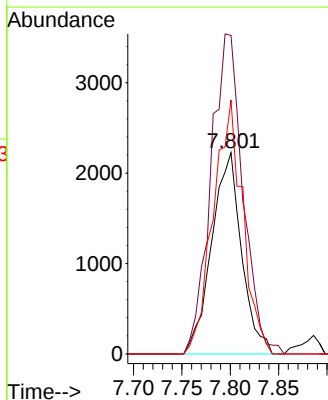
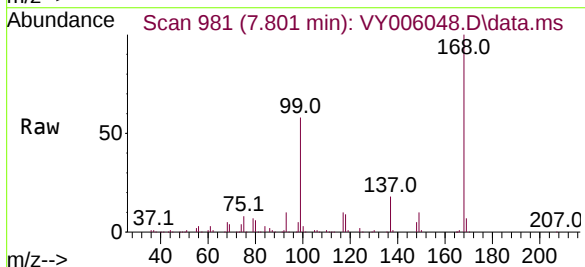
RT: 7.801 min Scan# 981

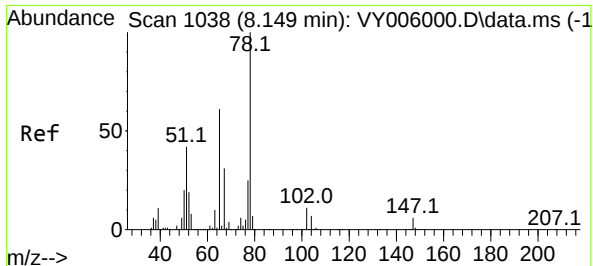
Delta R.T. 0.012 min

Lab File: VY006048.D

Acq: 16 Sep 2021 15:20

Tgt Ion:	56	Resp:	4774
Ion	Ratio	Lower	Upper
56	100		
69	158.3	26.7	40.1#
84	126.2	67.2	100.8#

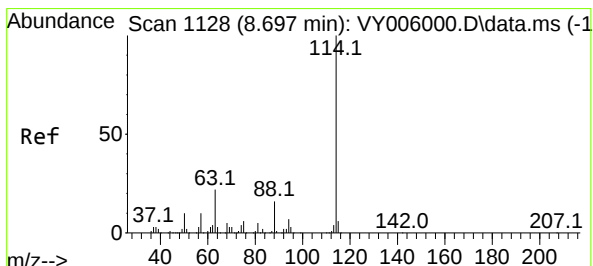
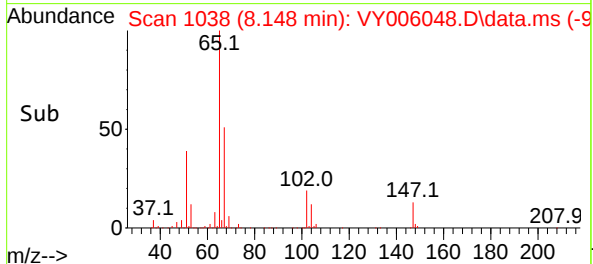
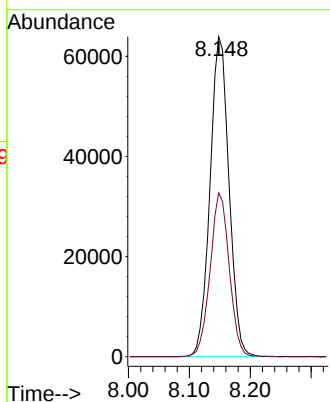
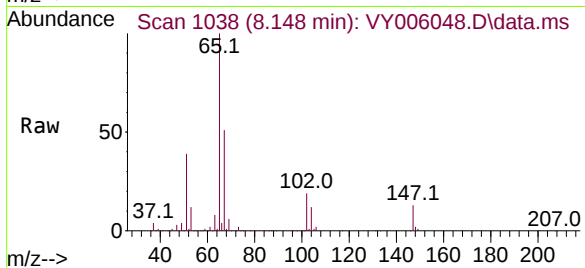




#33
1,2-Dichloroethane-d4
Concen: 51.313 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

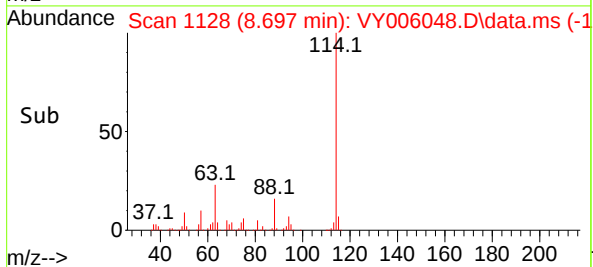
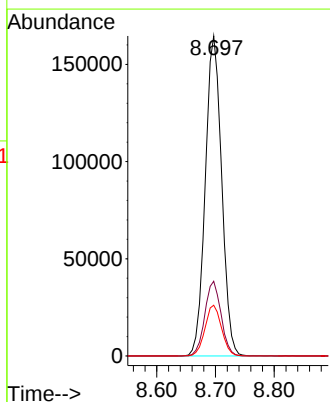
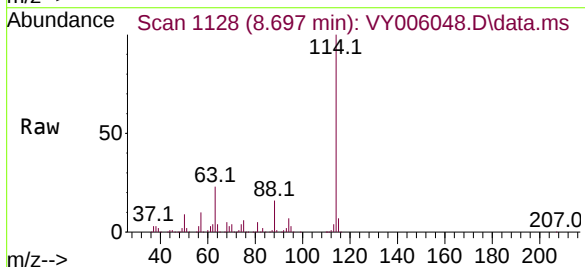
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

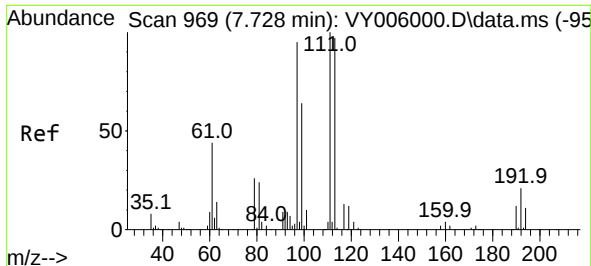
Tgt Ion: 65 Resp: 138417
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

Tgt Ion: 114 Resp: 318481
Ion Ratio Lower Upper
114 100
63 23.3 0.0 43.2
88 15.8 0.0 31.8

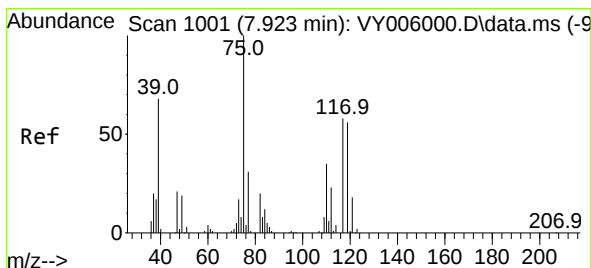
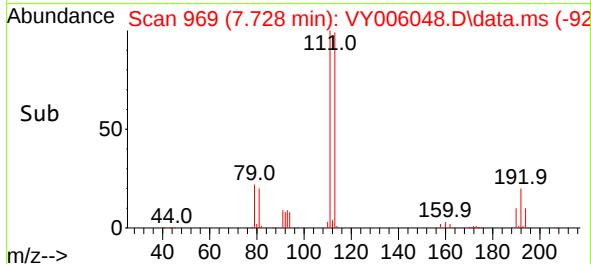
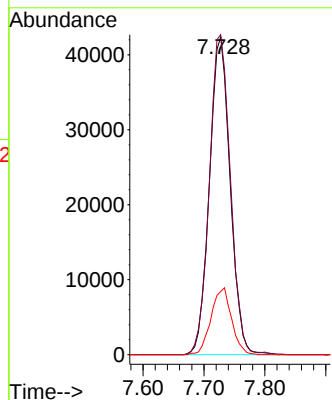
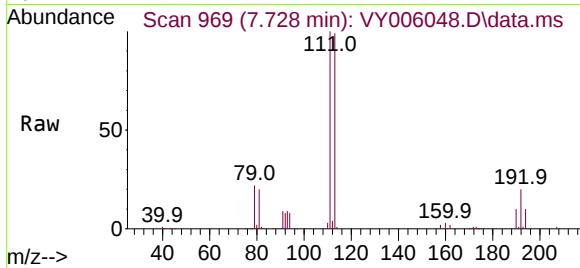




#35
Dibromofluoromethane
Concen: 50.572 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

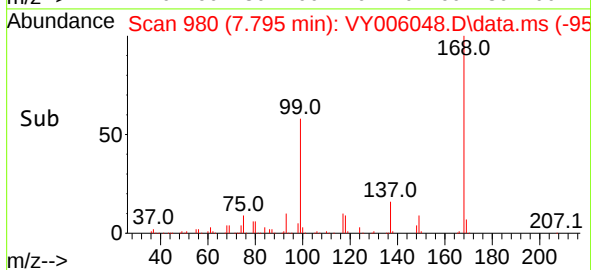
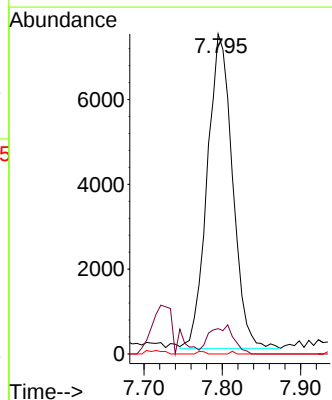
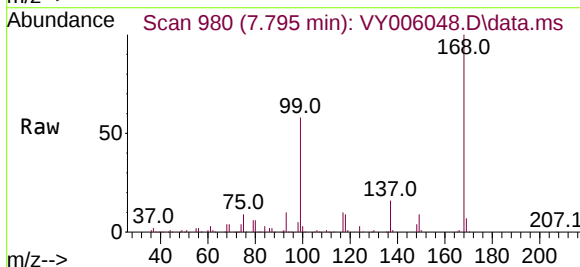
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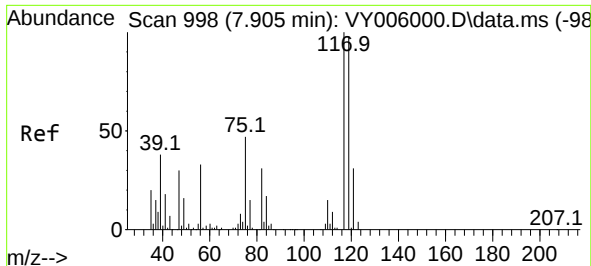
Tgt Ion:	113	Resp:	100039
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	20.8	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.841 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

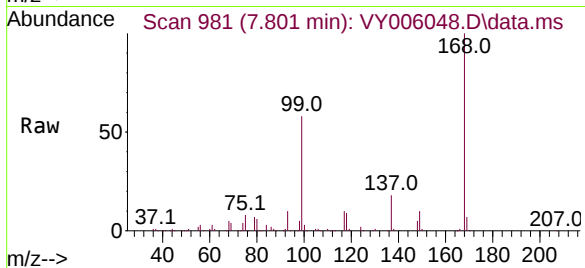
Tgt Ion:	75	Resp:	16640
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.1	51.2#
77	0.1	24.4	36.6#



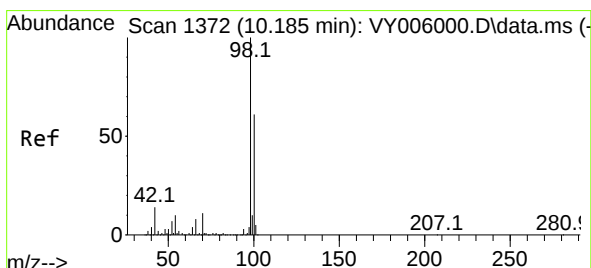
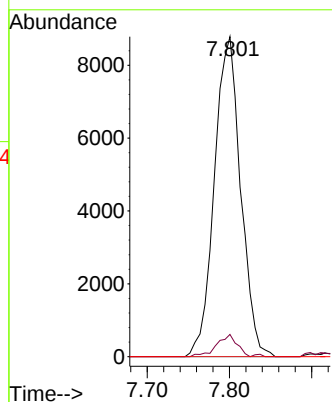
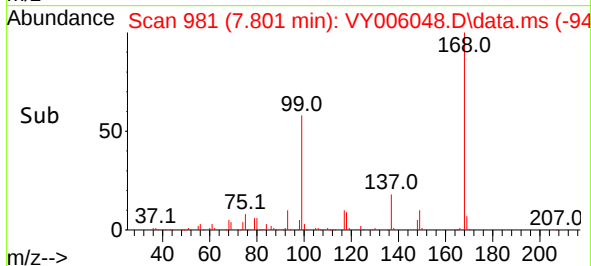


#38
Carbon Tetrachloride
Concen: 5.213 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

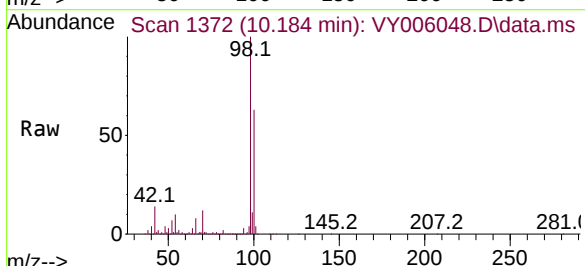
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK



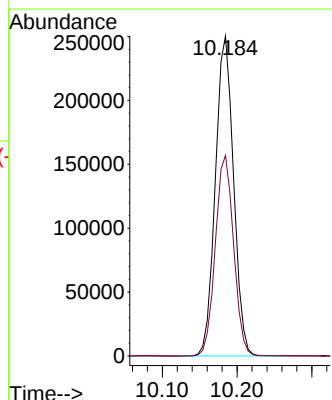
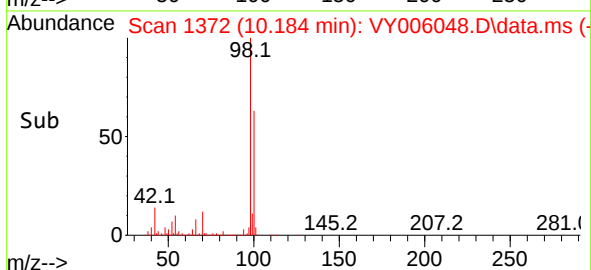
Tgt Ion: 117 Resp: 19509
Ion Ratio Lower Upper
117 100
119 6.9 77.9 116.9#
121 0.0 24.8 37.2#

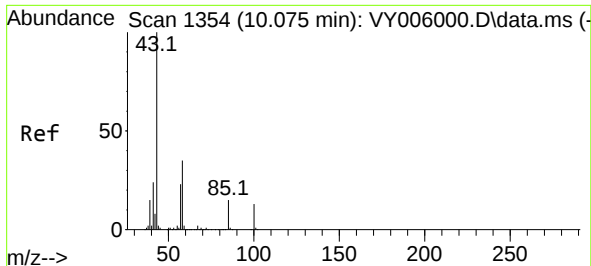


#50
Toluene-d8
Concen: 50.339 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20



Tgt Ion: 98 Resp: 424407
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2

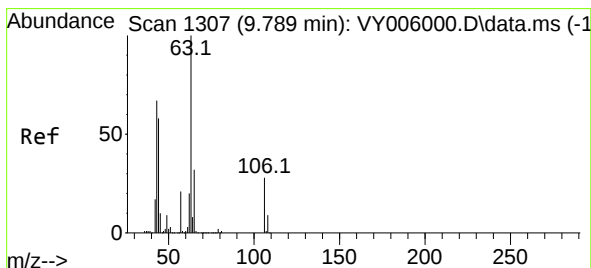
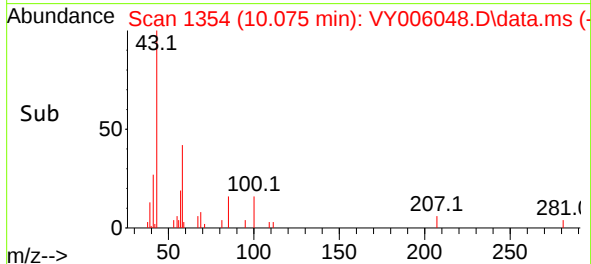
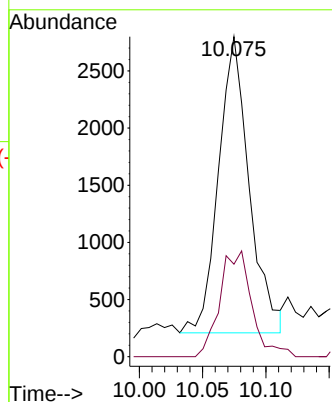
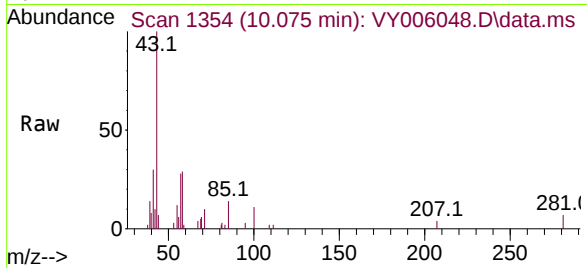




#51
4-Methyl-2-Pentanone
Concen: 1.853 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

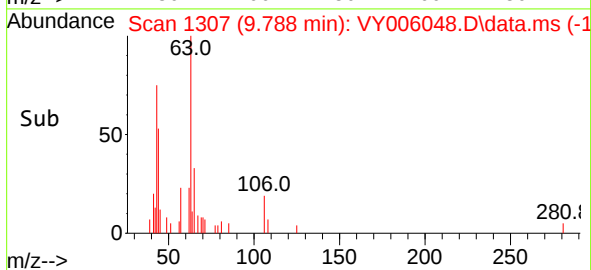
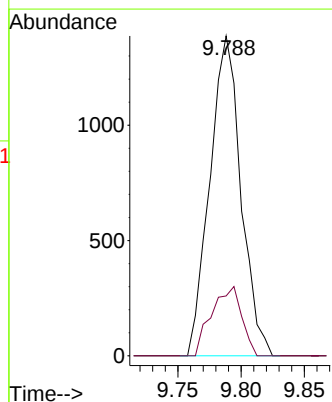
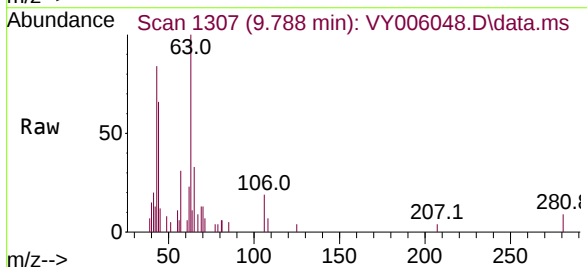
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

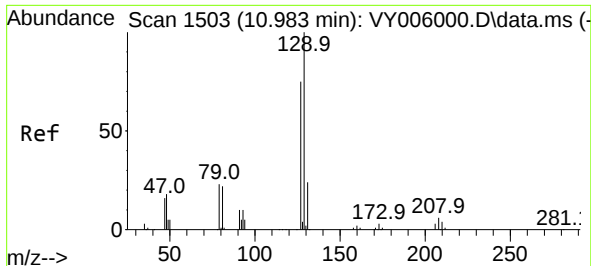
Tgt Ion: 43 Resp: 4369
Ion Ratio Lower Upper
43 100
58 37.2 28.1 42.1



#58
2-Chloroethyl Vinyl ether
Concen: 1.562 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

Tgt Ion: 63 Resp: 2371
Ion Ratio Lower Upper
63 100
106 20.9 21.5 32.3#

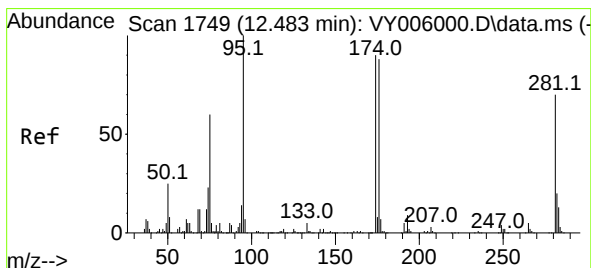
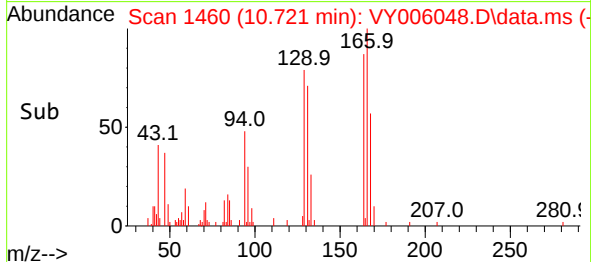
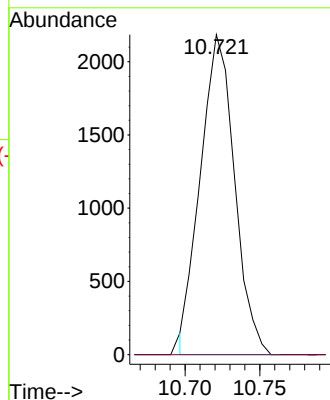
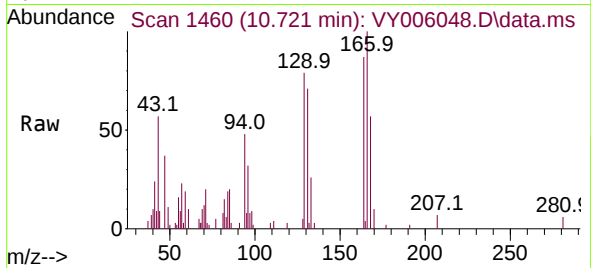




#60
Dibromochloromethane
Concen: 1.551 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.263 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

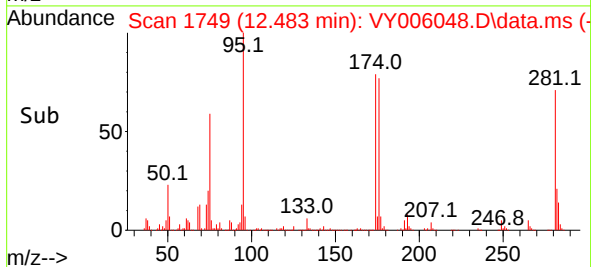
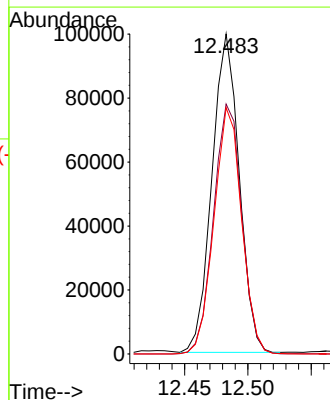
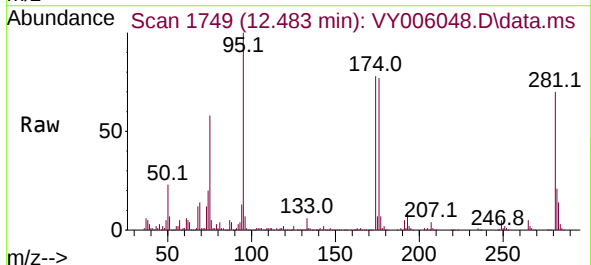
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

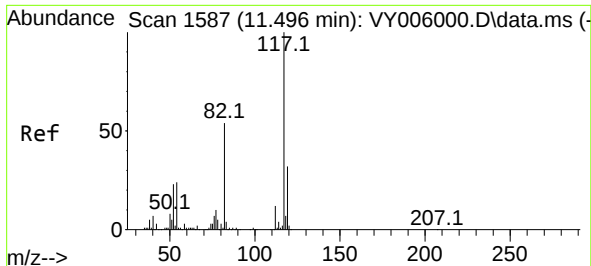
Tgt Ion:129 Resp: 3469
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 52.076 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

Tgt Ion: 95 Resp: 149064
Ion Ratio Lower Upper
95 100
174 81.2 0.0 177.0
176 78.5 0.0 175.8

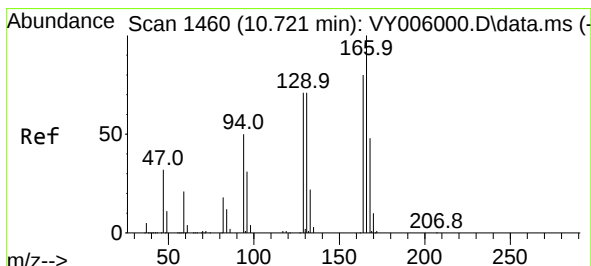
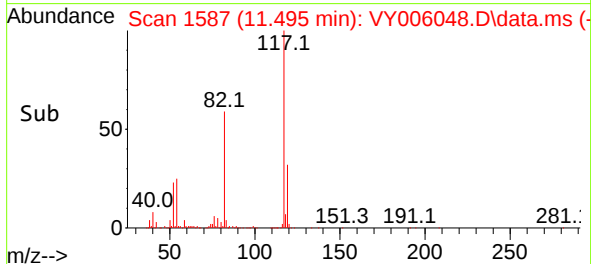
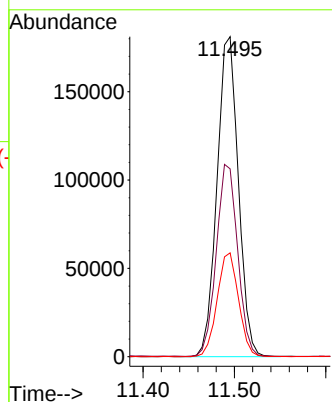
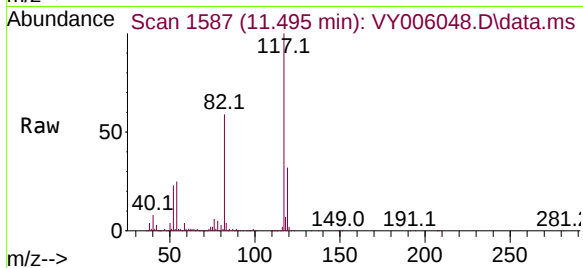




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

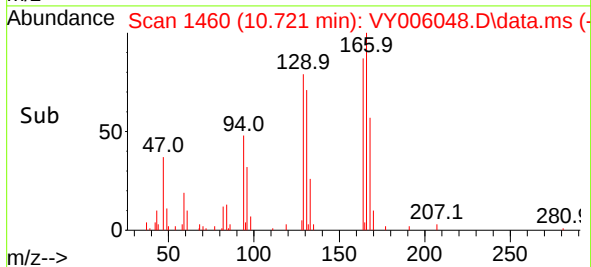
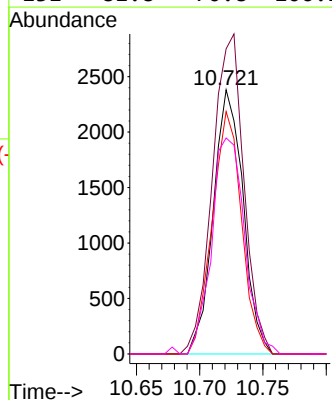
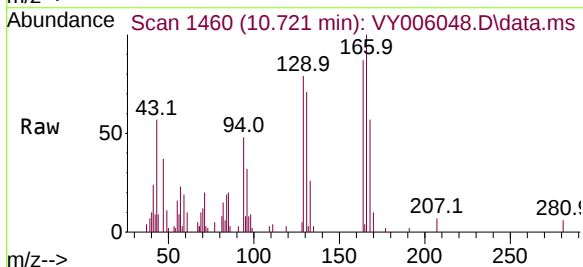
Instrument :
MSVOA_Y
ClientSampled :
VIBLK

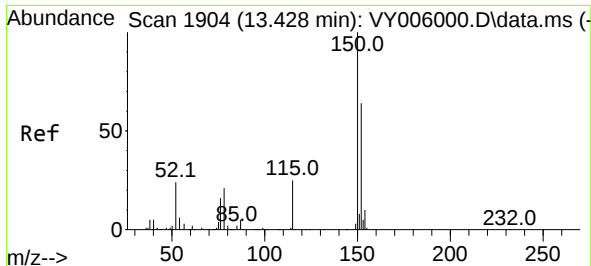
Tgt Ion:	117	Resp:	294279
Ion	Ratio	Lower	Upper
117	100		
82	58.6	43.0	64.4
119	32.4	25.4	38.0



#64
Tetrachloroethene
Concen: 1.621 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

Tgt Ion:	164	Resp:	3901
Ion	Ratio	Lower	Upper
164	100		
166	115.5	100.4	150.6
129	91.8	71.4	107.0
131	81.8	70.8	106.2

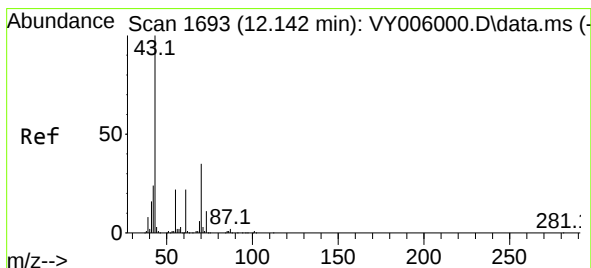
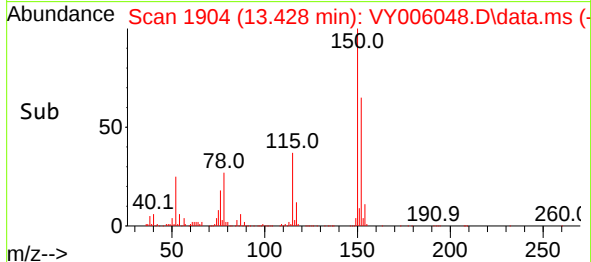
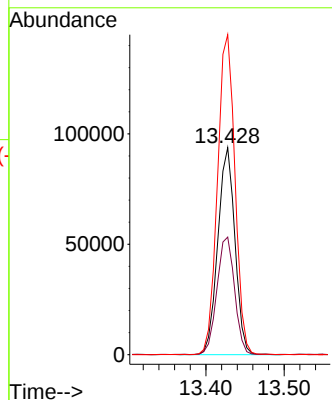
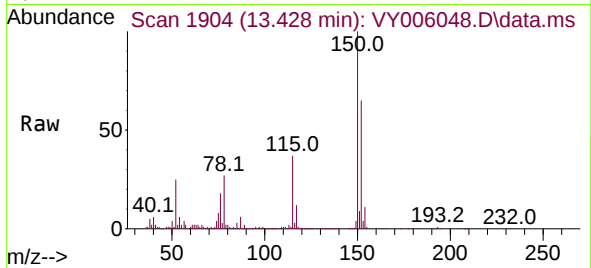




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

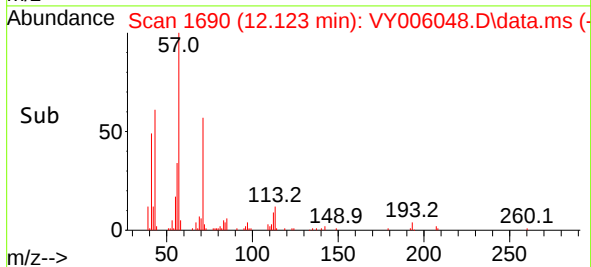
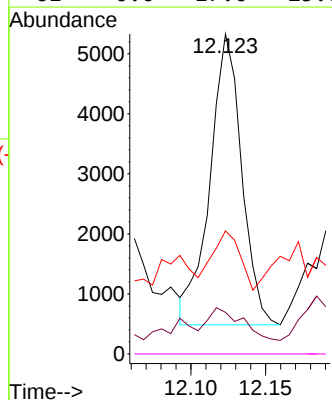
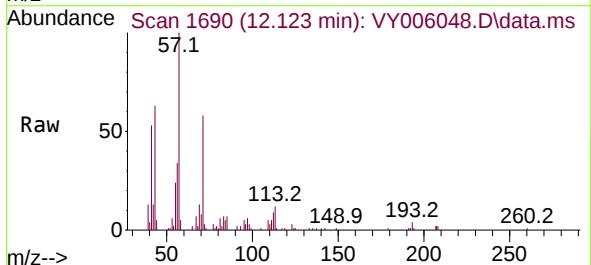
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

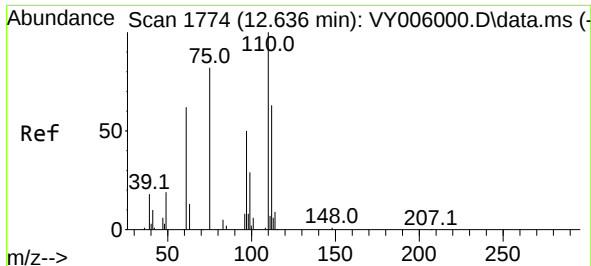
Tgt Ion:152 Resp: 142614
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 157.5 0.0 347.6



#74
N-ethyl acetate
Concen: 1.856 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.019 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

Tgt Ion: 43 Resp: 7159
Ion Ratio Lower Upper
43 100
70 11.7 28.7 43.1#
55 18.4 17.3 25.9
61 0.0 17.0 25.6#

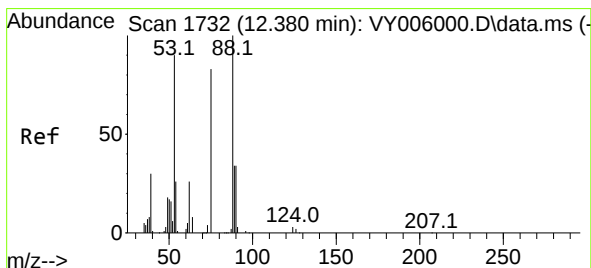
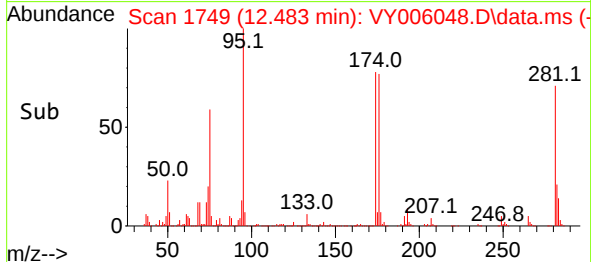
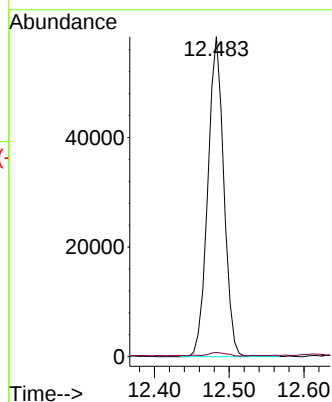
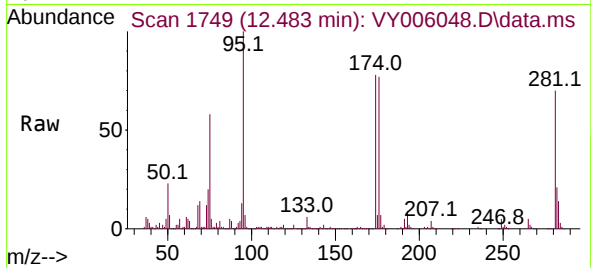




#76
1,2,3-Trichloropropane
Concen: 56.978 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

Instrument :
MSVOA_Y
ClientSampled :
VIBLK

Tgt Ion: 75 Resp: 86637
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.755 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY006048.D
Acq: 16 Sep 2021 15:20

Tgt Ion: 75 Resp: 86637
Ion Ratio Lower Upper
75 100
53 0.7 85.3 127.9#
89 1.0 37.0 55.4#

