

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092221\
 Data File : VY006108.D
 Acq On : 22 Sep 2021 17:01
 Operator : SY/MD
 Sample : M3871-03
 Misc : 4.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS03-BL-(0.0)

Quant Time: Sep 23 01:27:45 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)

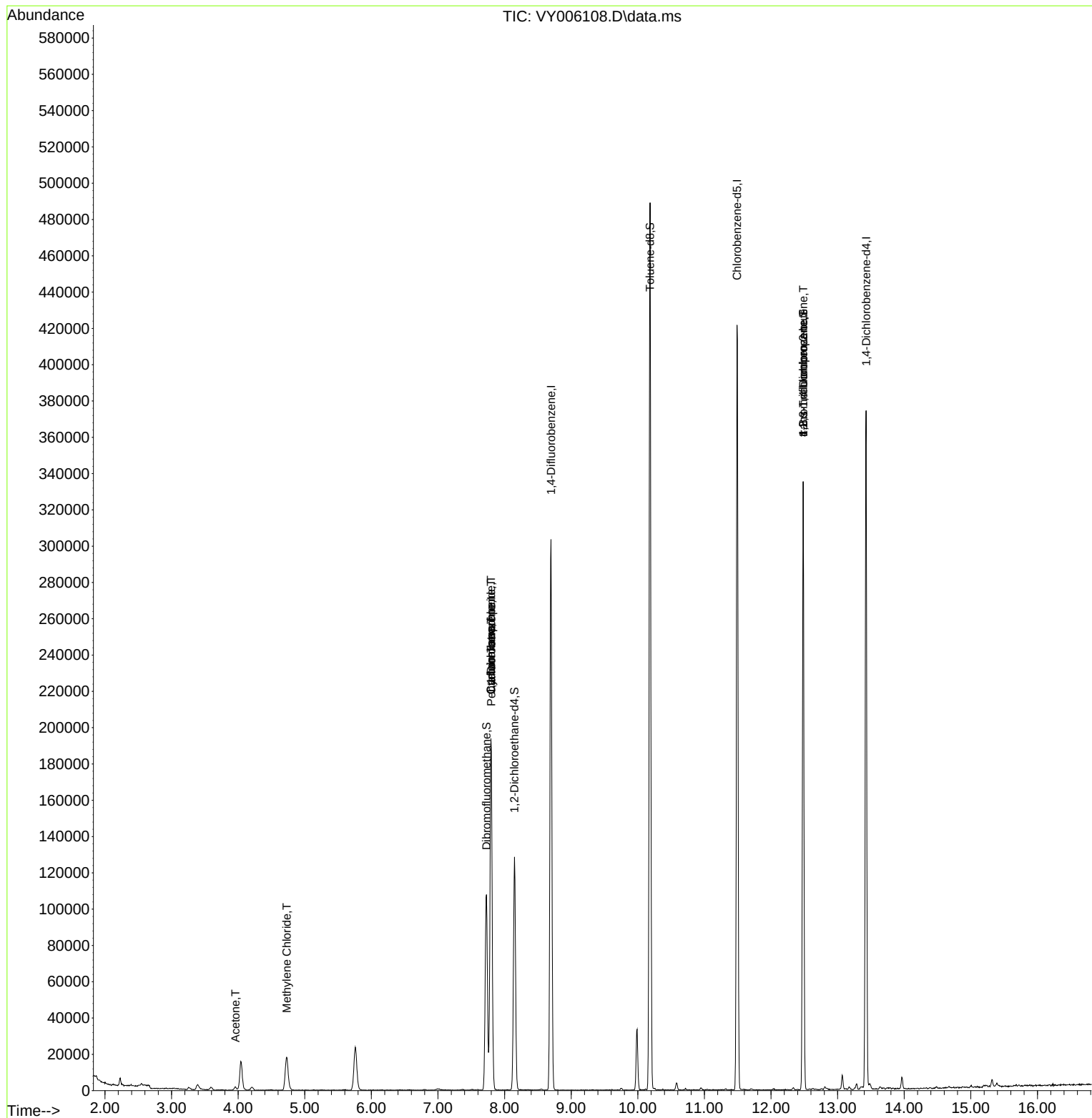
Internal Standards						
1) Pentafluorobenzene	7.801	168	151522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	245862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	218833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	102831	48.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.720%
35) Dibromofluoromethane	7.728	113	73705	48.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.520%
50) Toluene-d8	10.185	98	308315	47.371	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.740%
62) 4-Bromofluorobenzene	12.483	95	92660	41.932	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	46	Below Cal	#	77
16) Acetone	3.960	43	3037	5.261	ug/l	98
20) Methylene Chloride	4.728	84	13397	3.075	ug/l	92
31) Cyclohexane	7.795	56	3635	1.078	ug/l	# 38
36) 1,1-Dichloropropene	7.795	75	11441	4.311	ug/l	# 51
38) Carbon Tetrachloride	7.795	117	14378	4.977	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	53252	54.681	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	53252	100.533	ug/l	# 7

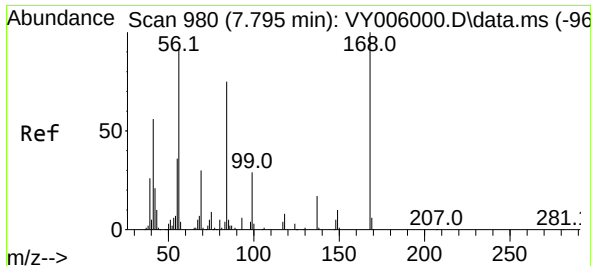
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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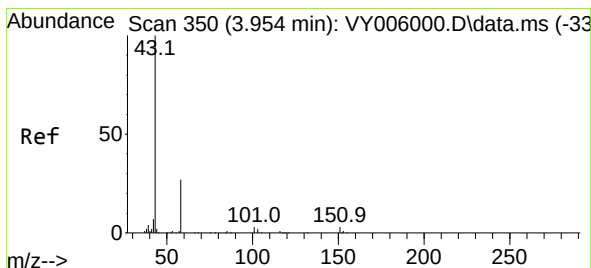
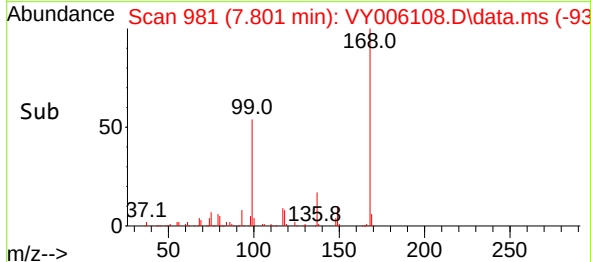
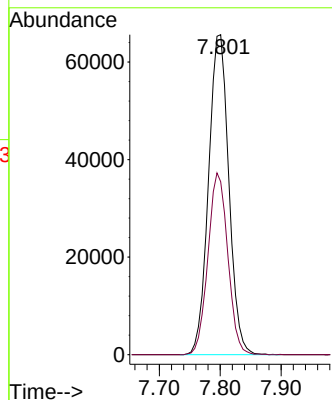
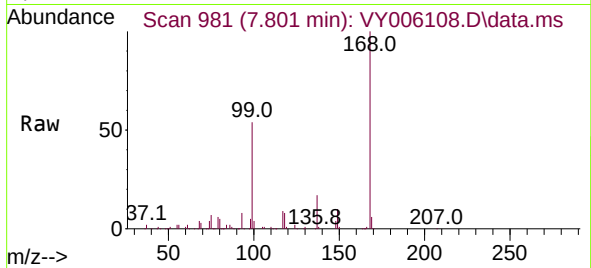




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006108.D
Acq: 22 Sep 2021 17:01

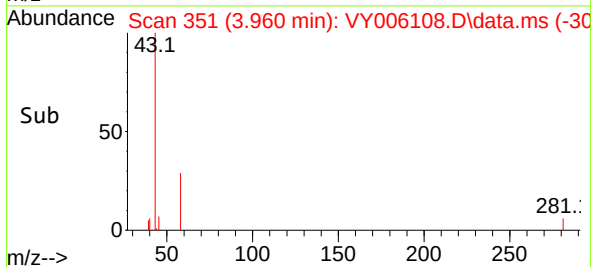
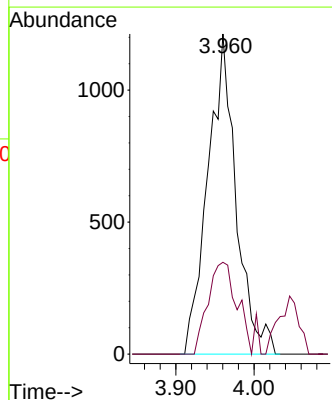
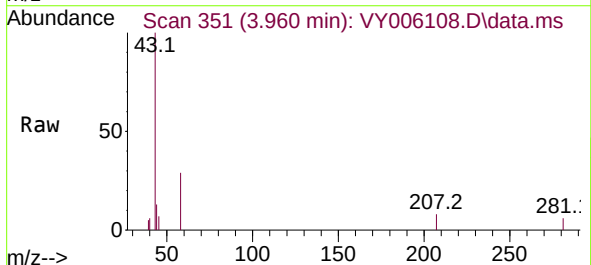
Instrument :
MSVOA_Y
ClientSampleId :
SS03-BL-(0.0)

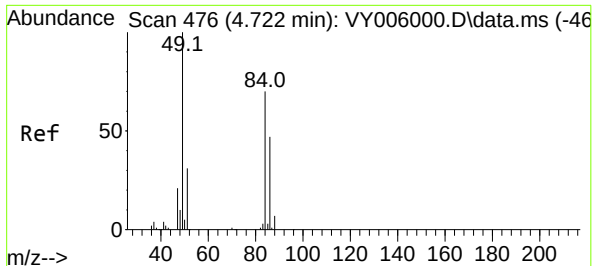
Tgt Ion:168 Resp: 151522
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#16
Acetone
Concen: 5.261 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006108.D
Acq: 22 Sep 2021 17:01

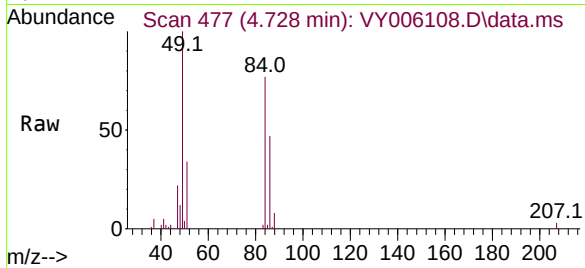
Tgt Ion: 43 Resp: 3037
Ion Ratio Lower Upper
43 100
58 28.7 22.0 33.0



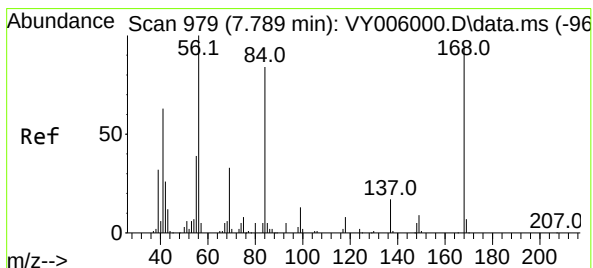
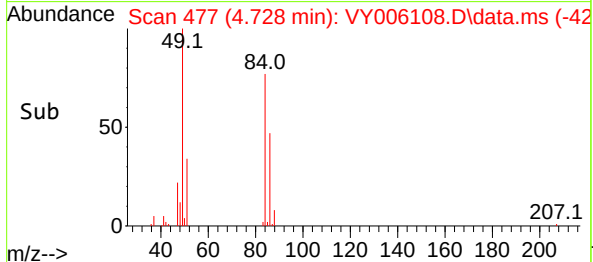
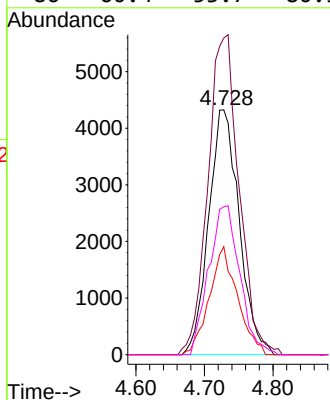


#20
Methylene Chloride
Concen: 3.075 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006108.D
Acq: 22 Sep 2021 17:01

Instrument :
MSVOA_Y
ClientSampleId :
SS03-BL-(0.0)

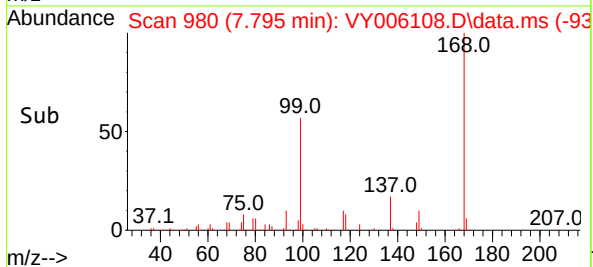
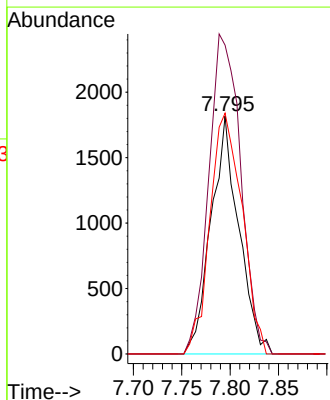
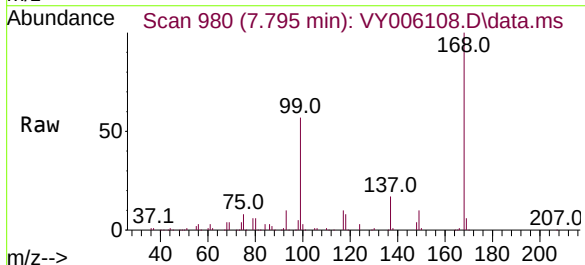


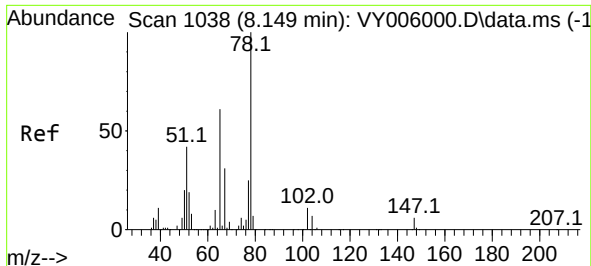
Tgt Ion:	84	Resp:	13397
Ion	Ratio	Lower	Upper
84	100		
49	129.3	114.4	171.6
51	44.1	35.3	52.9
86	60.4	53.7	80.5



#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006108.D
Acq: 22 Sep 2021 17:01

Tgt Ion:	56	Resp:	3635
Ion	Ratio	Lower	Upper
56	100		
69	129.8	26.7	40.1#
84	101.2	67.2	100.8#

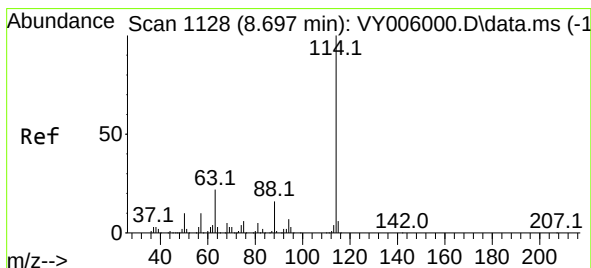
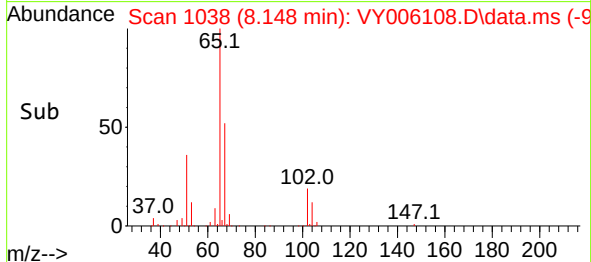
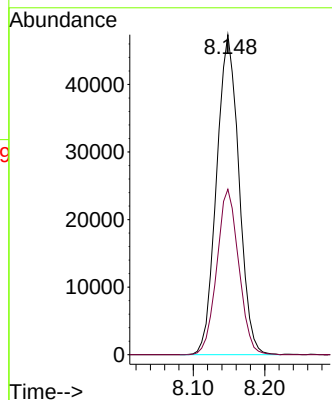
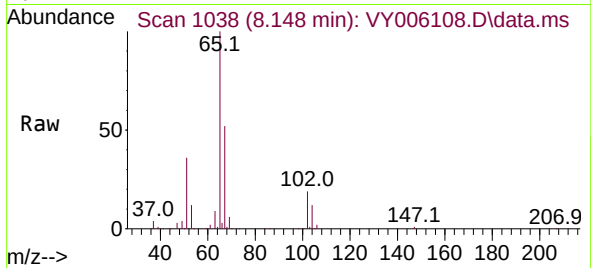




#33
 1,2-Dichloroethane-d4
 Concen: 48.857 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY006108.D
 Acq: 22 Sep 2021 17:01

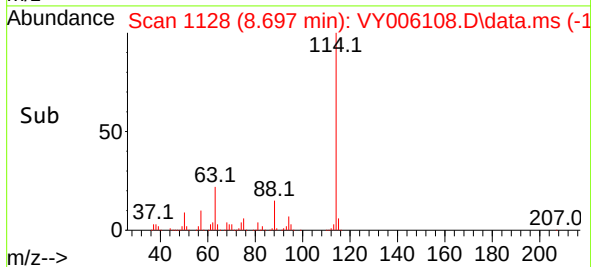
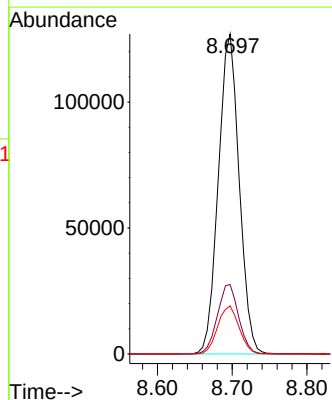
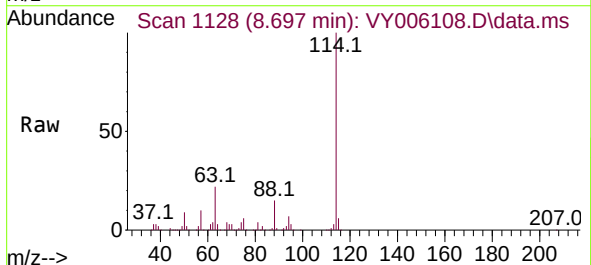
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS03-BL-(0.0)

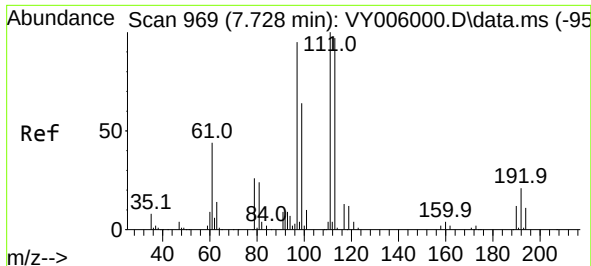
Tgt Ion: 65 Resp: 102831
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY006108.D
 Acq: 22 Sep 2021 17:01

Tgt Ion: 114 Resp: 245862
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 15.0 0.0 31.8

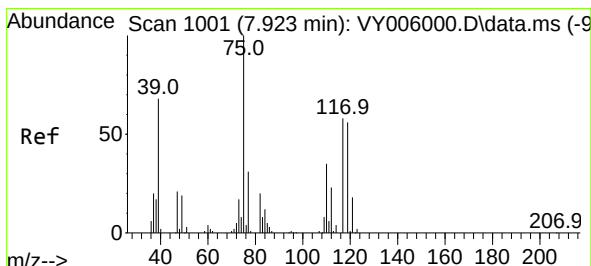
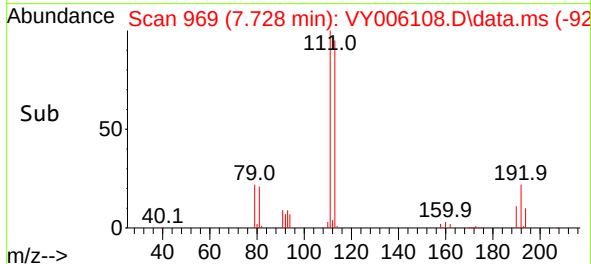
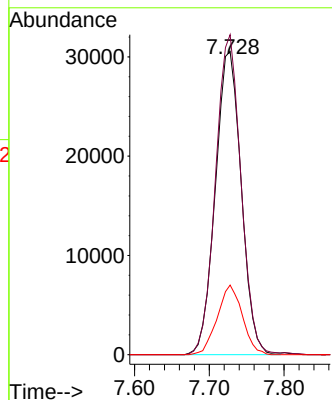
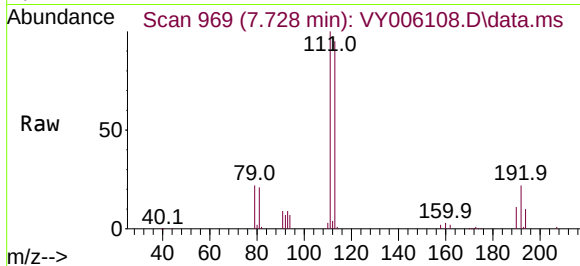




#35
Dibromofluoromethane
Concen: 48.265 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006108.D
Acq: 22 Sep 2021 17:01

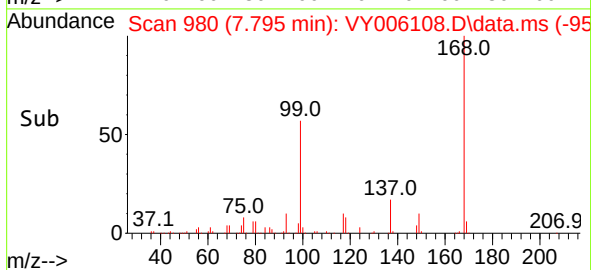
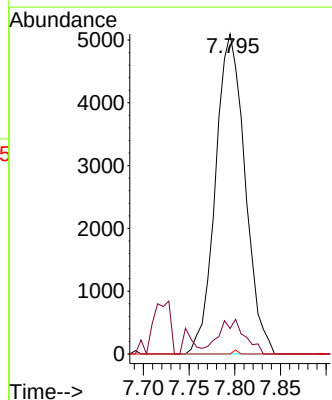
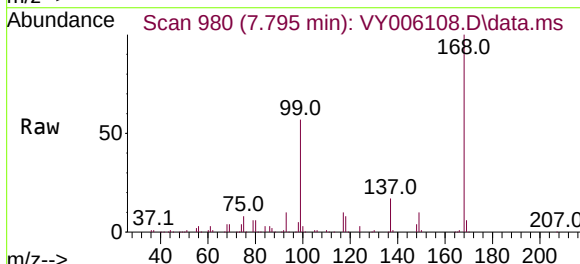
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ClientSampleId :
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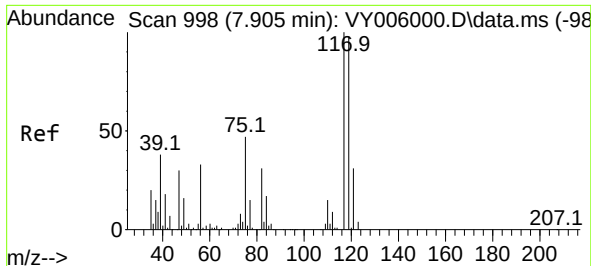
Tgt Ion:	113	Resp:	73705
Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.6	124.0
192	22.2	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.311 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006108.D
Acq: 22 Sep 2021 17:01

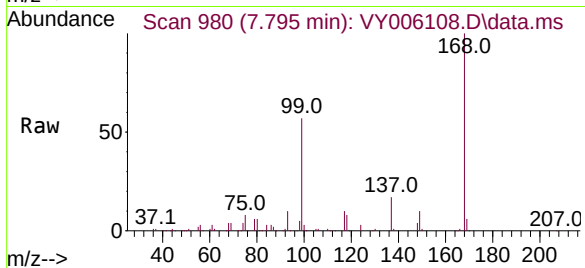
Tgt Ion:	75	Resp:	11441
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.1	51.2#
77	0.2	24.4	36.6#



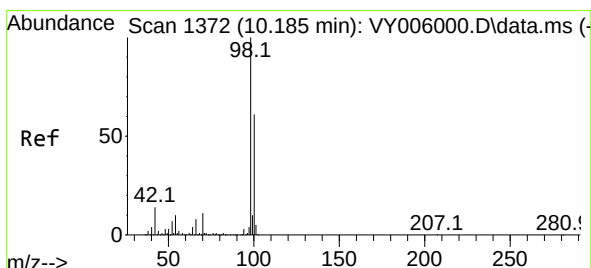
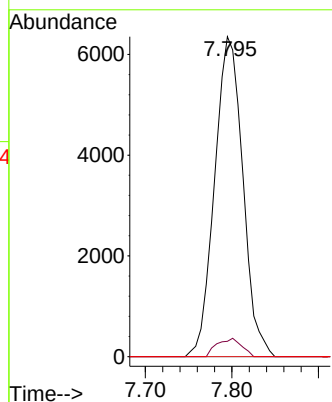
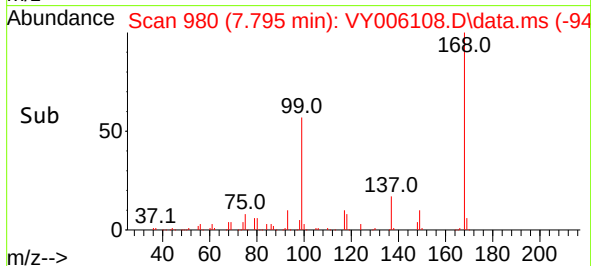


#38
Carbon Tetrachloride
Concen: 4.977 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006108.D
Acq: 22 Sep 2021 17:01

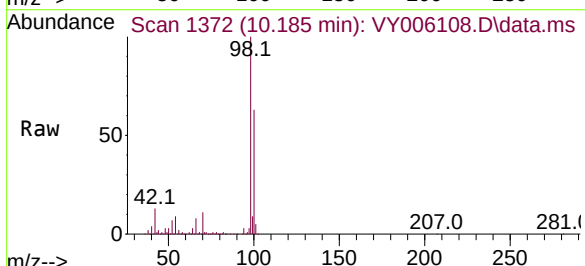
Instrument :
MSVOA_Y
ClientSampleId :
SS03-BL-(0.0)



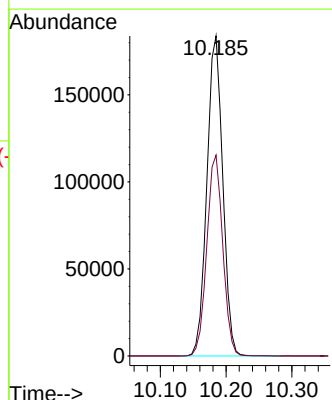
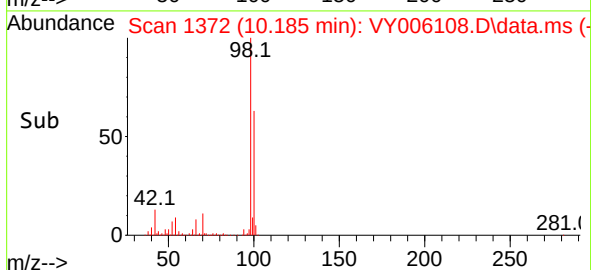
Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.9	116.9#
121	0.0	24.8	37.2#

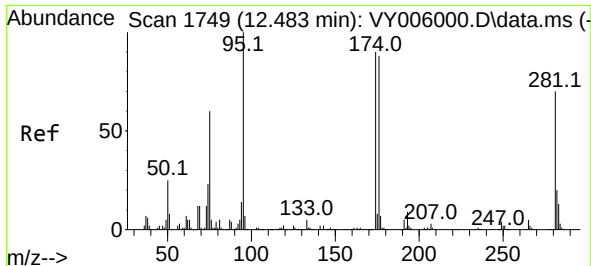


#50
Toluene-d8
Concen: 47.371 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006108.D
Acq: 22 Sep 2021 17:01



Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.2	75.2

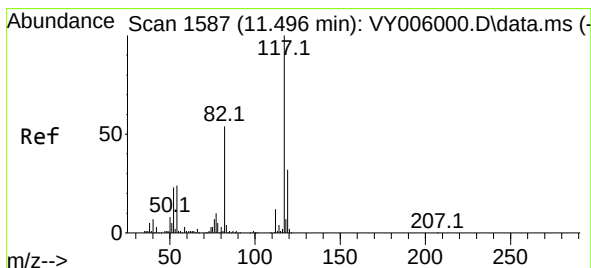
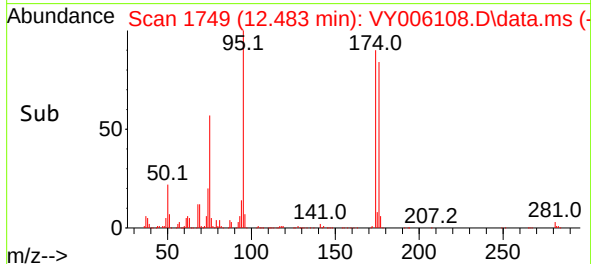
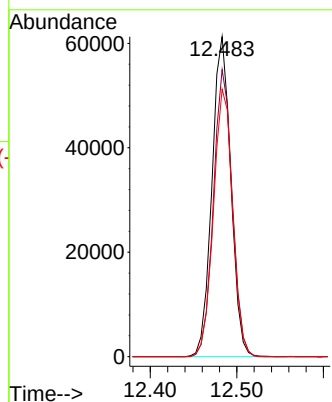
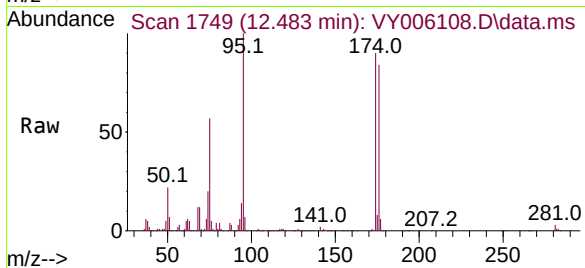




#62
4-Bromofluorobenzene
Concen: 41.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006108.D
Acq: 22 Sep 2021 17:01

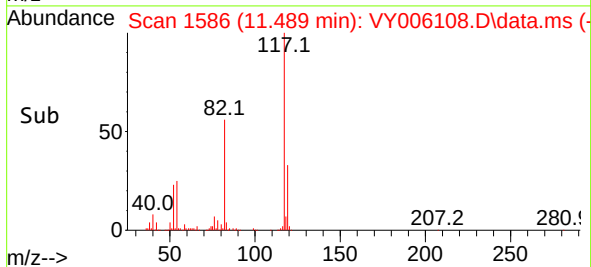
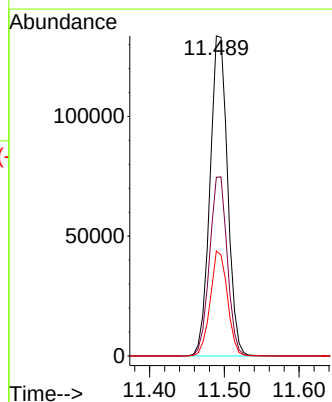
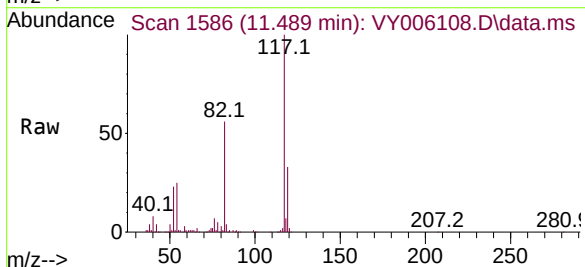
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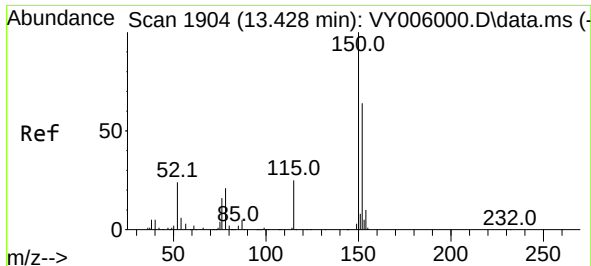
Tgt Ion: 95 Resp: 92660
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 85.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006108.D
Acq: 22 Sep 2021 17:01

Tgt Ion: 117 Resp: 218833
Ion Ratio Lower Upper
117 100
82 55.8 43.0 64.4
119 32.8 25.4 38.0

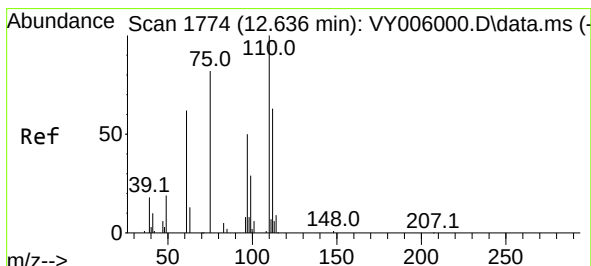
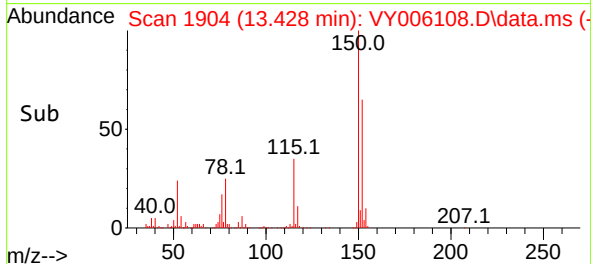
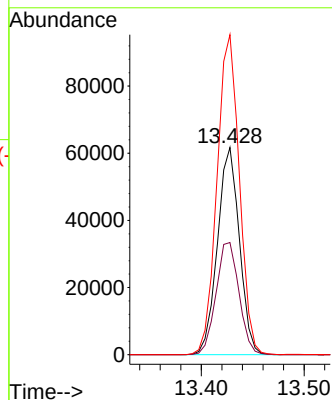
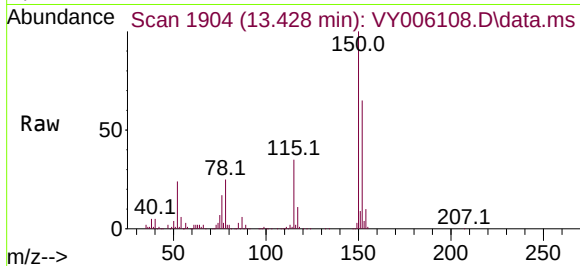




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006108.D
 Acq: 22 Sep 2021 17:01

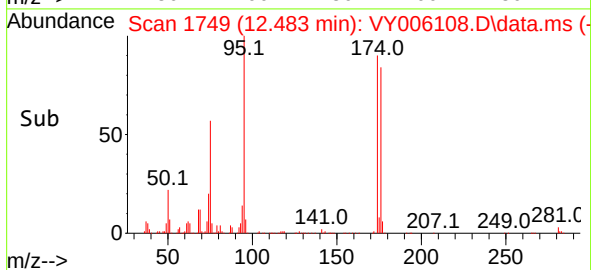
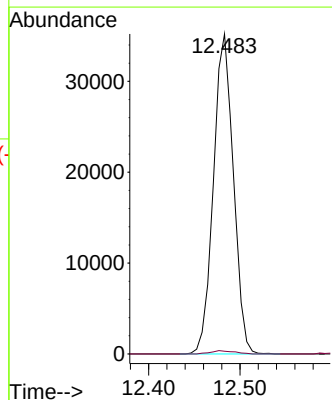
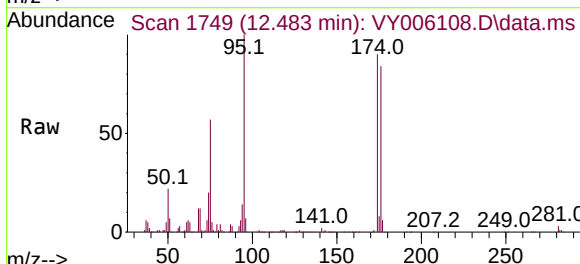
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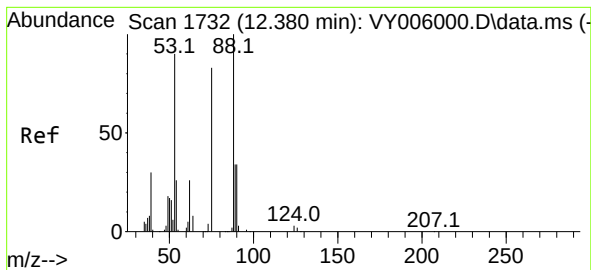
Tgt Ion:152 Resp: 91340
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 54.681 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006108.D
 Acq: 22 Sep 2021 17:01

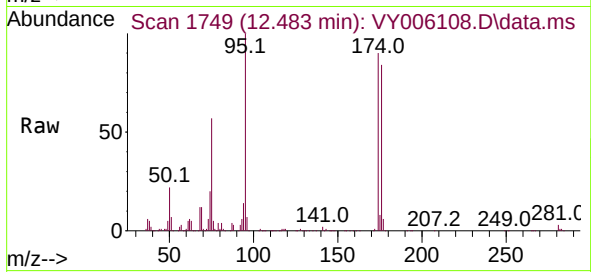
Tgt Ion: 75 Resp: 53252
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.533 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY006108.D
 Acq: 22 Sep 2021 17:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS03-BL-(0.0)



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

