

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009095.D
 Acq On : 25 May 2022 17:16
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: May 26 04:30:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

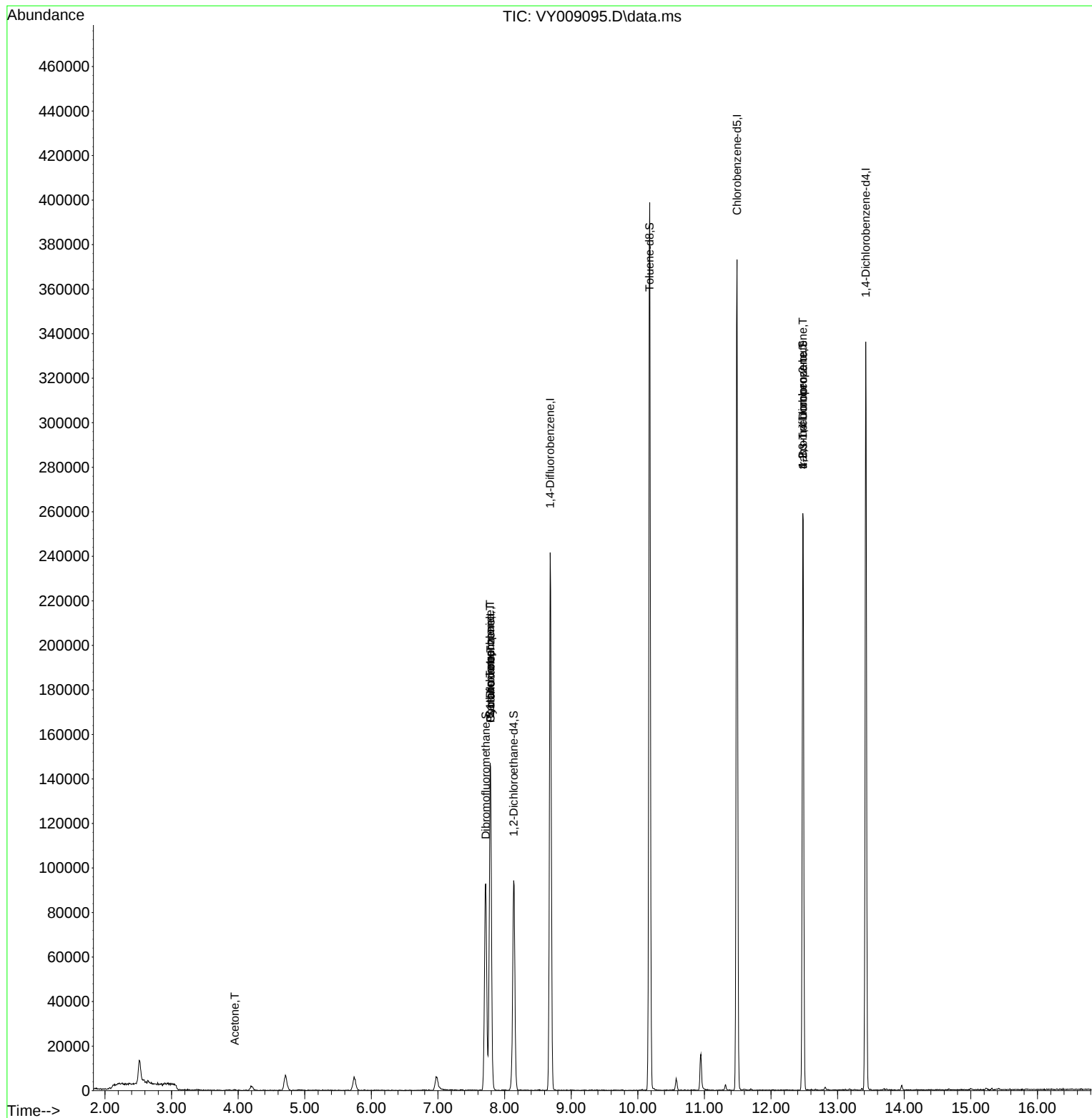
Internal Standards						
1) Pentafluorobenzene	7.789	168	112860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	200810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	187071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69122	59.509	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.020%	
35) Dibromofluoromethane	7.716	113	62071	49.708	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.420%	
50) Toluene-d8	10.179	98	249921	54.252	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.500%	
62) 4-Bromofluorobenzene	12.477	95	70244	37.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.600%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	565	2.337	ug/l #	61
20) Methylene Chloride	4.716	84	5225	Below Cal	#	81
31) Cyclohexane	7.789	56	2998	1.319	ug/l #	65
36) 1,1-Dichloropropene	7.783	75	9468	4.455	ug/l #	52
38) Carbon Tetrachloride	7.783	117	11177	5.028	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	41682	49.158	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41682	100.897	ug/l #	7

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

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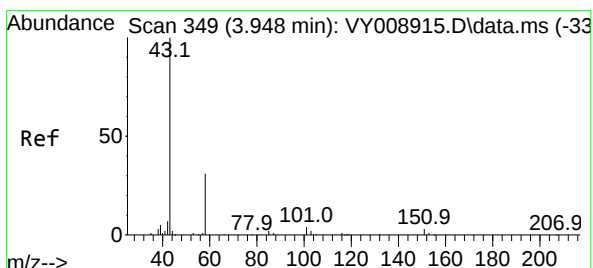
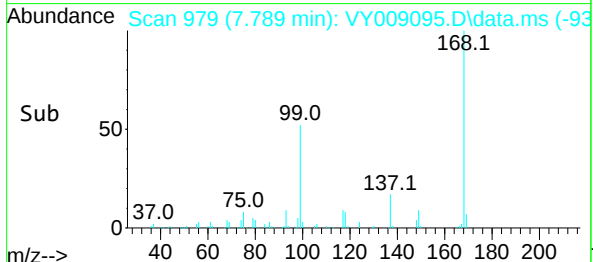
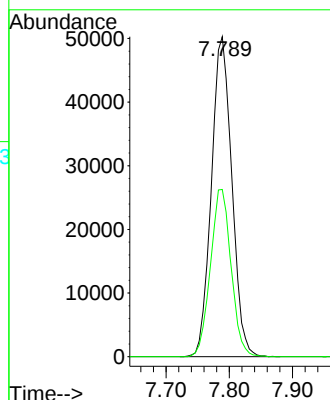
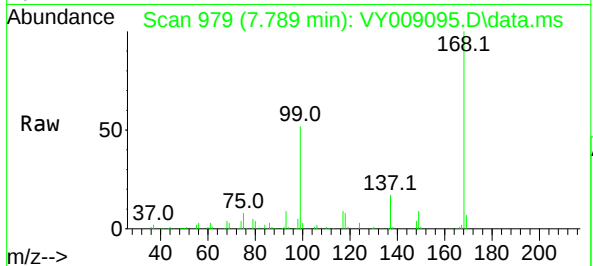




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009095.D
Acq: 25 May 2022 17:16

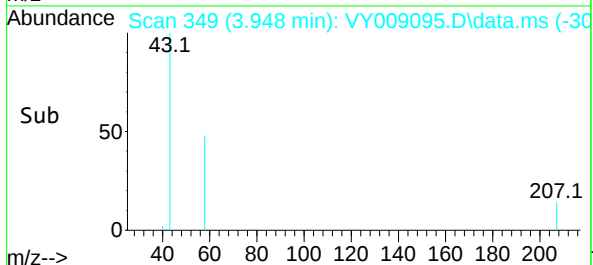
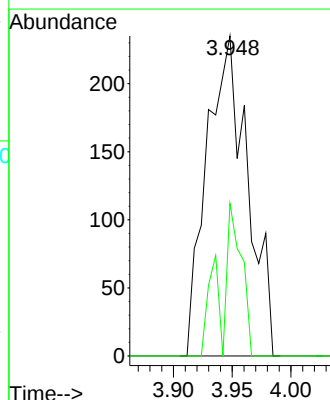
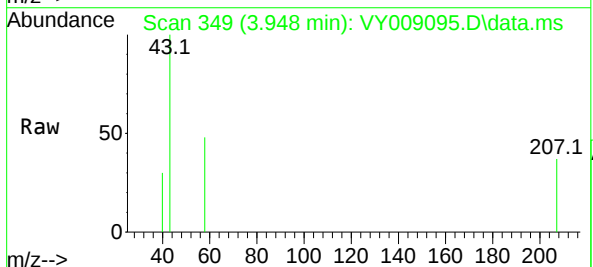
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

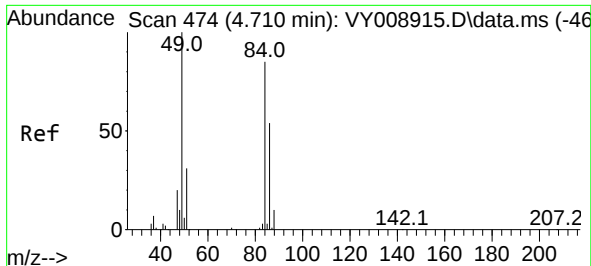
Tgt Ion:168 Resp: 112860
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#16
Acetone
Concen: 2.337 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009095.D
Acq: 25 May 2022 17:16

Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 47.7 22.0 33.0#

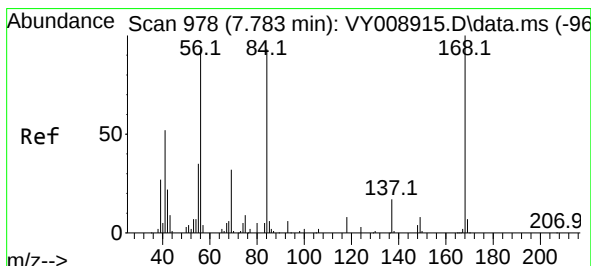
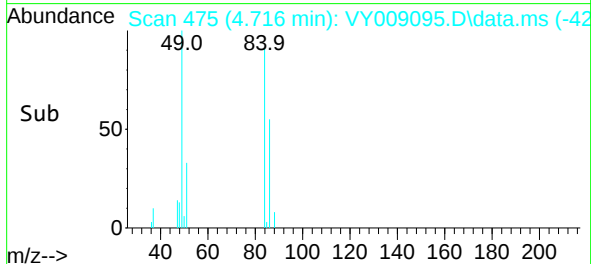
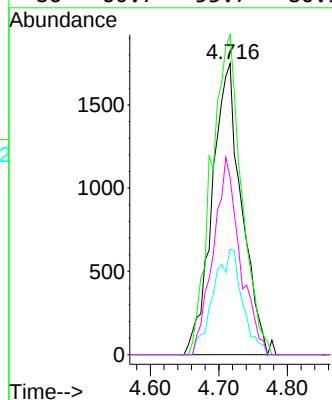
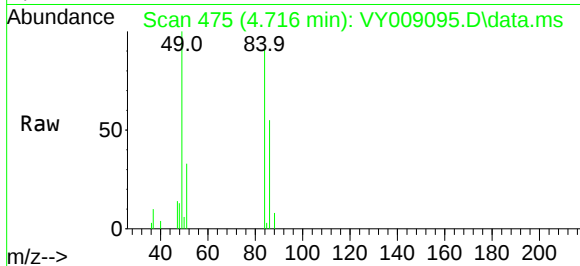




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009095.D
Acq: 25 May 2022 17:16

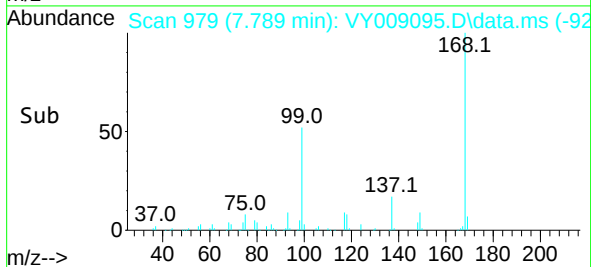
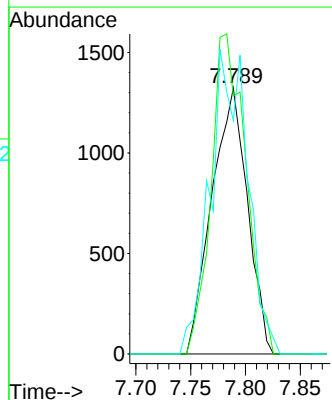
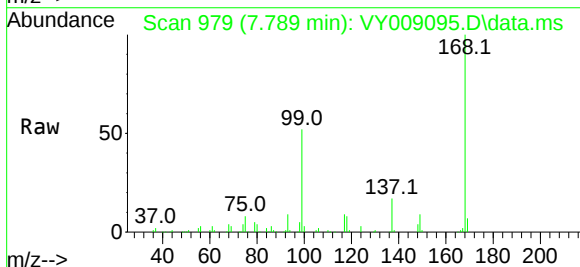
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

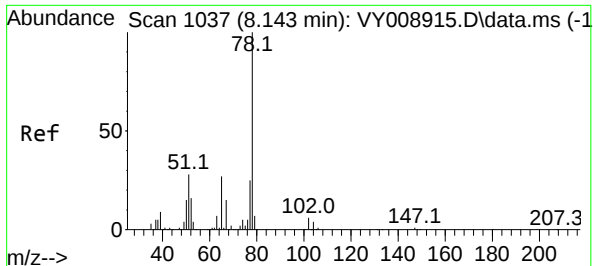
Tgt Ion:	84	Resp:	5225
Ion	Ratio	Lower	Upper
84	100		
49	109.9	114.4	171.6#
51	36.2	35.3	52.9
86	60.7	53.7	80.5



#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY009095.D
Acq: 25 May 2022 17:16

Tgt Ion:	56	Resp:	2998
Ion	Ratio	Lower	Upper
56	100		
69	97.1	26.7	40.1#
84	87.8	67.2	100.8





#33

1,2-Dichloroethane-d4

Concen: 59.509 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY009095.D

Acq: 25 May 2022 17:16

Instrument :

MSVOA_Y

ClientSampleId :

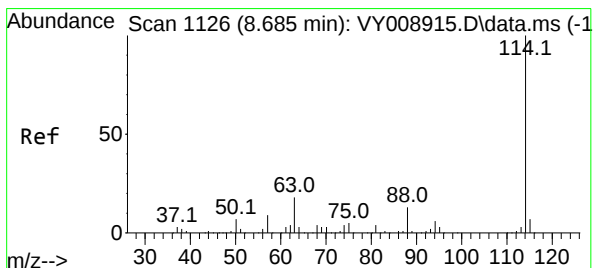
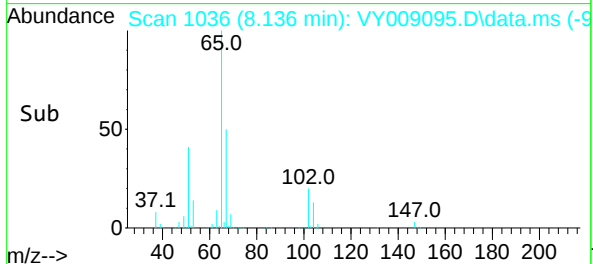
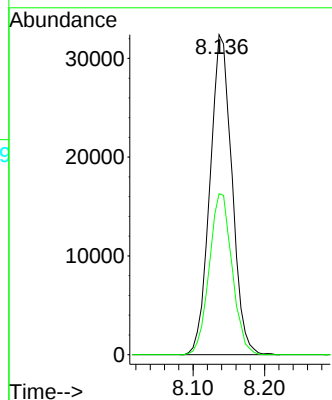
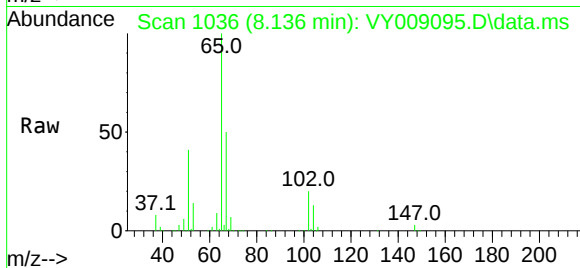
VIBLK

Tgt Ion: 65 Resp: 69122

Ion Ratio Lower Upper

65 100

67 52.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009095.D

Acq: 25 May 2022 17:16

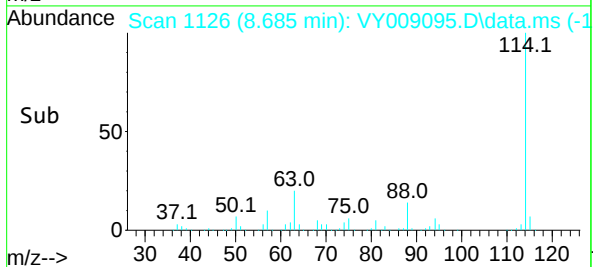
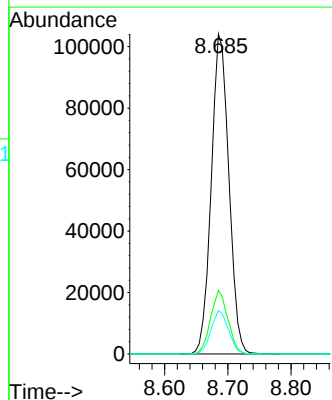
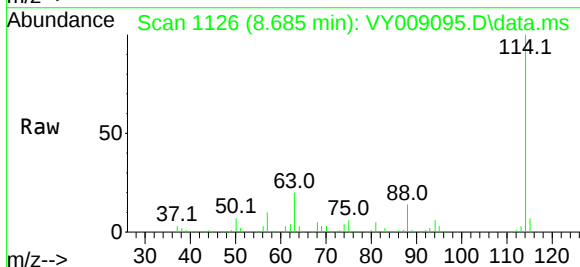
Tgt Ion: 114 Resp: 200810

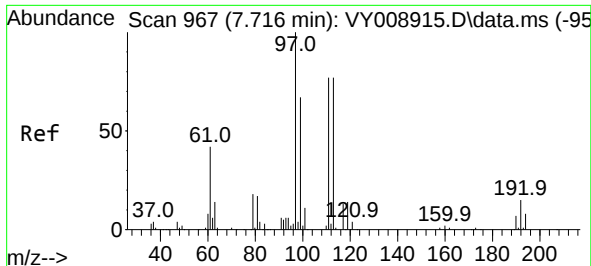
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 13.6 0.0 31.8

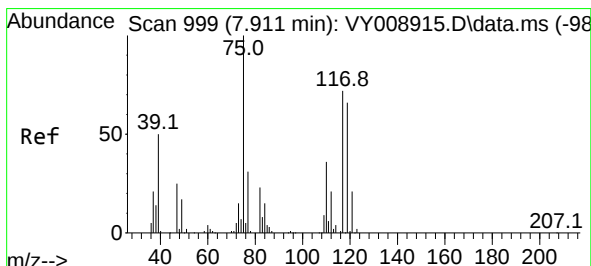
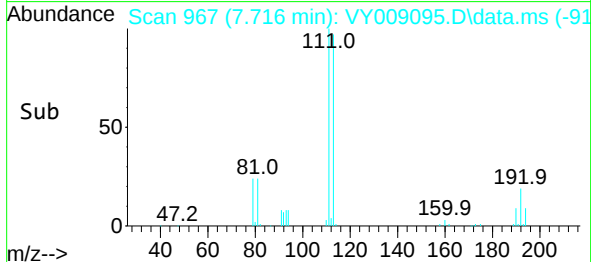
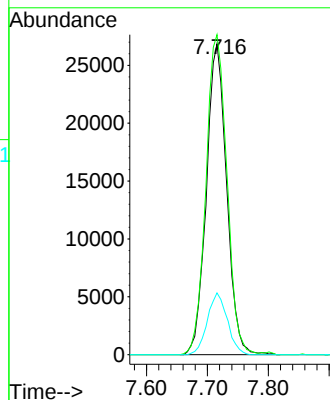
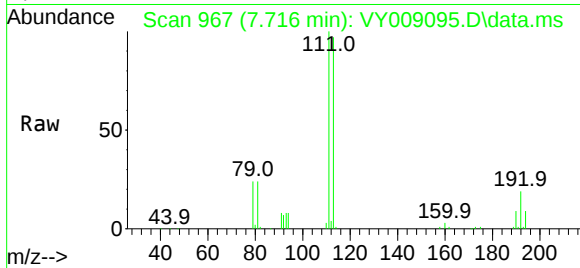




#35
Dibromofluoromethane
Concen: 49.708 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009095.D
Acq: 25 May 2022 17:16

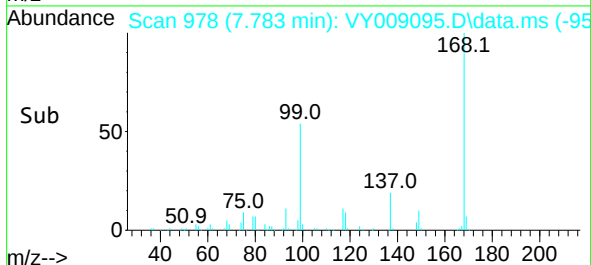
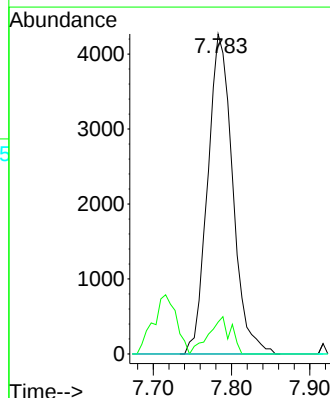
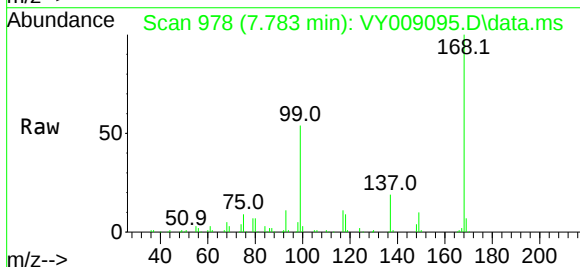
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

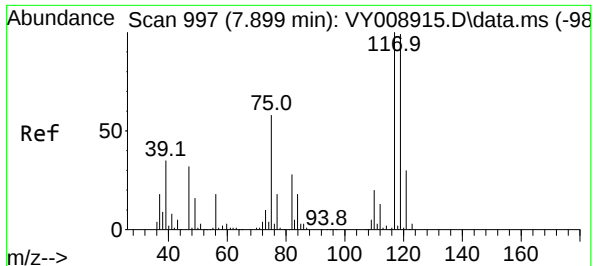
Tgt Ion:113 Resp: 62071
Ion Ratio Lower Upper
113 100
111 106.4 82.6 124.0
192 19.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.455 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009095.D
Acq: 25 May 2022 17:16

Tgt Ion: 75 Resp: 9468
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.0 24.4 36.6#

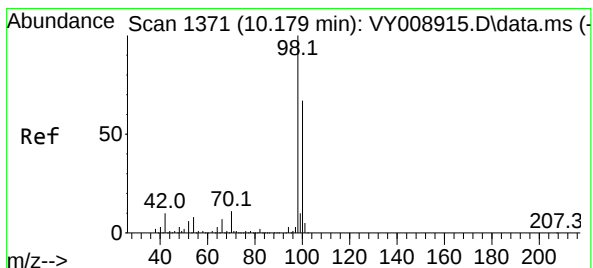
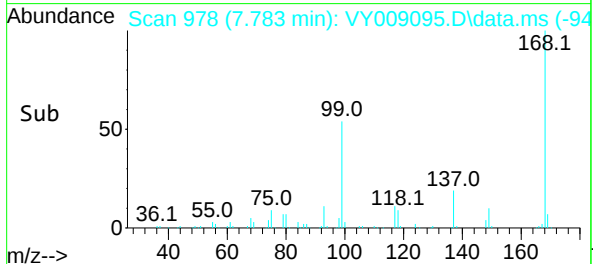
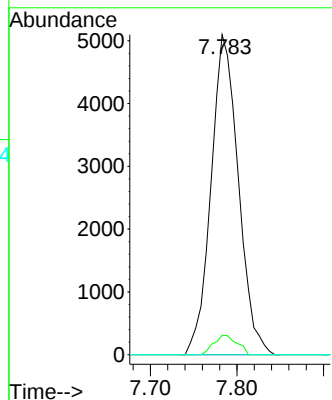
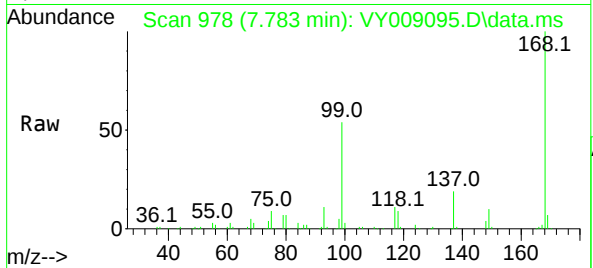




#38
Carbon Tetrachloride
Concen: 5.028 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009095.D
Acq: 25 May 2022 17:16

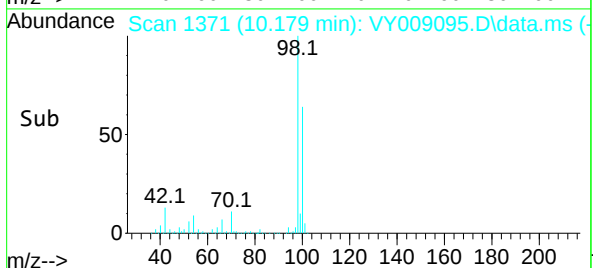
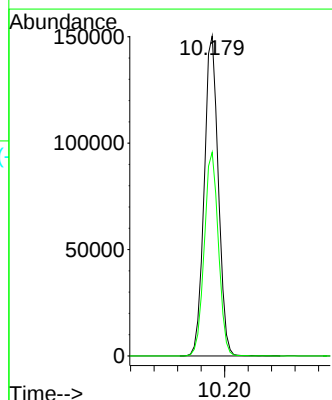
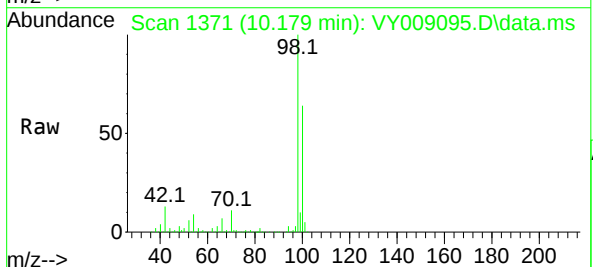
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

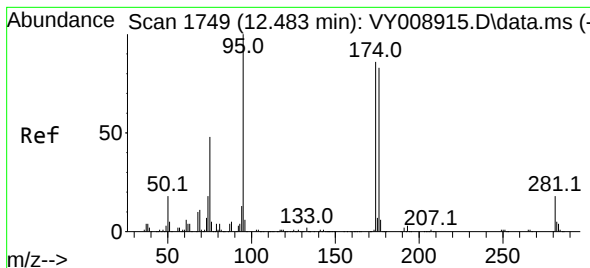
Tgt Ion:117 Resp: 11177
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.252 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009095.D
Acq: 25 May 2022 17:16

Tgt Ion: 98 Resp: 249921
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

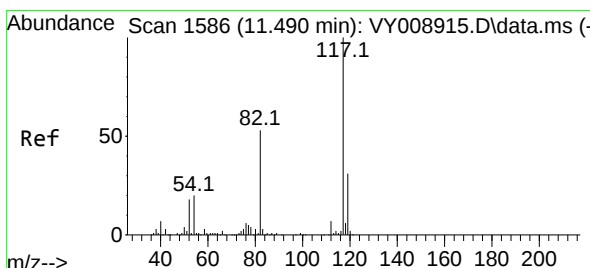
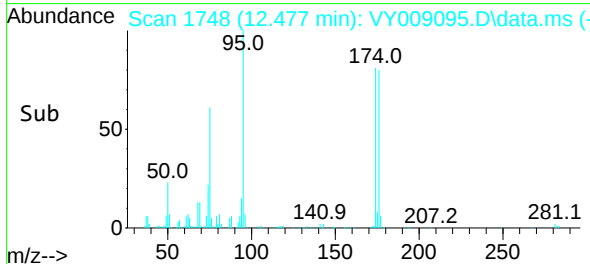
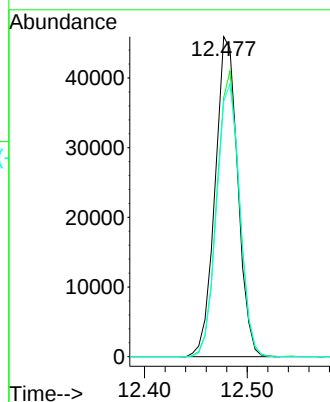
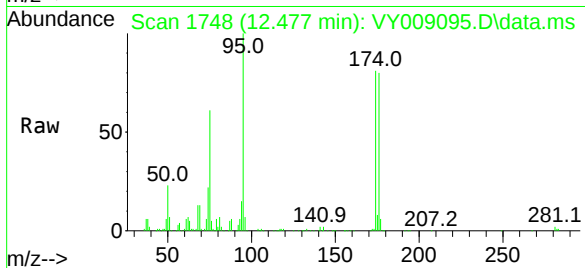




#62
4-Bromofluorobenzene
Concen: 37.800 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009095.D
Acq: 25 May 2022 17:16

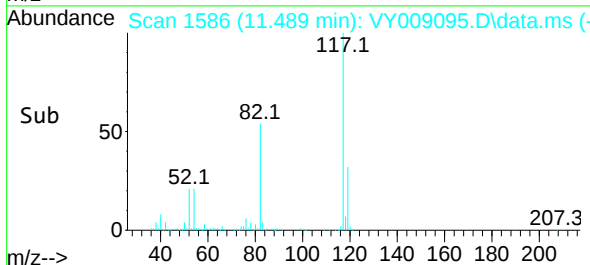
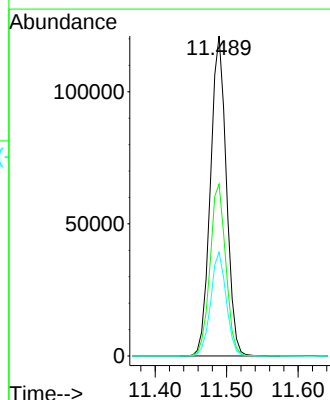
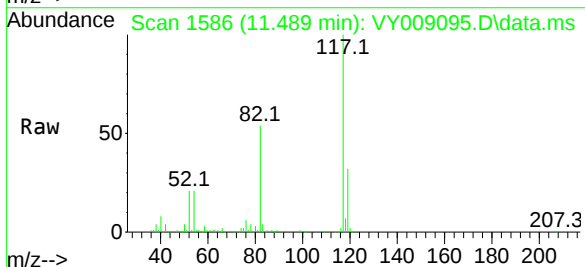
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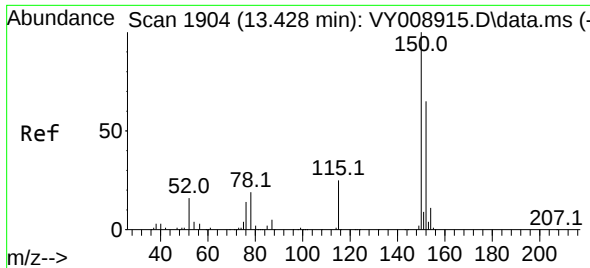
Tgt Ion: 95 Resp: 70244
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 86.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009095.D
Acq: 25 May 2022 17:16

Tgt Ion: 117 Resp: 187071
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.4 25.4 38.0

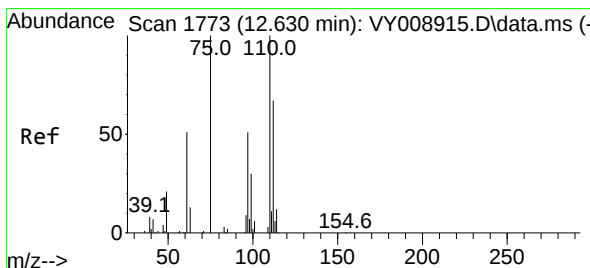
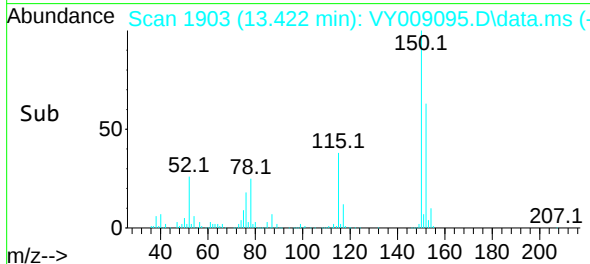
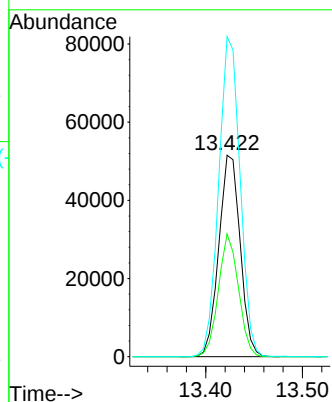
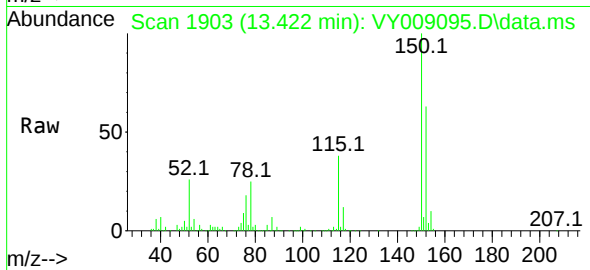




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY009095.D
 Acq: 25 May 2022 17:16

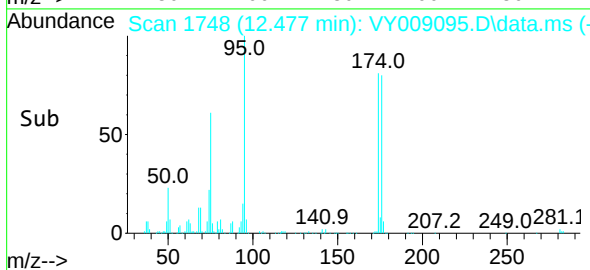
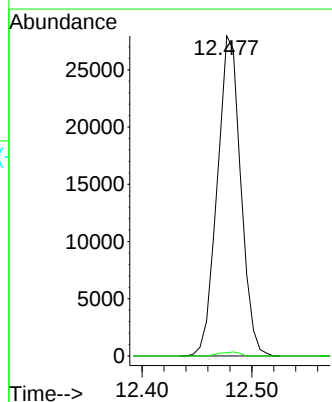
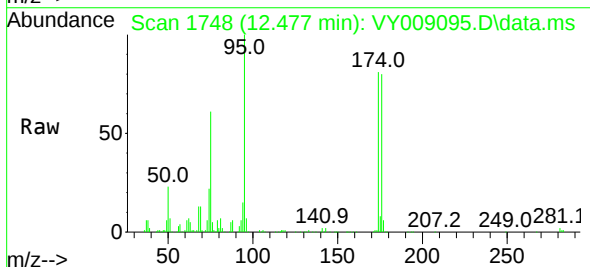
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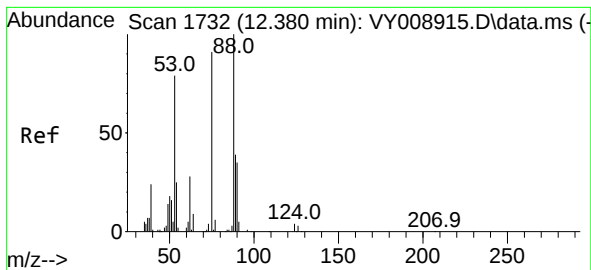
Tgt Ion:152 Resp: 78958
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 158.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.158 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009095.D
 Acq: 25 May 2022 17:16

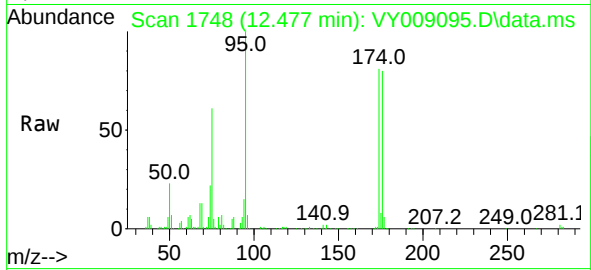
Tgt Ion: 75 Resp: 41682
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.897 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009095.D
 Acq: 25 May 2022 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion: 75 Resp: 41682
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

