

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081022\
 Data File : VY009956.D
 Acq On : 10 Aug 2022 17:20
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 10 17:42:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

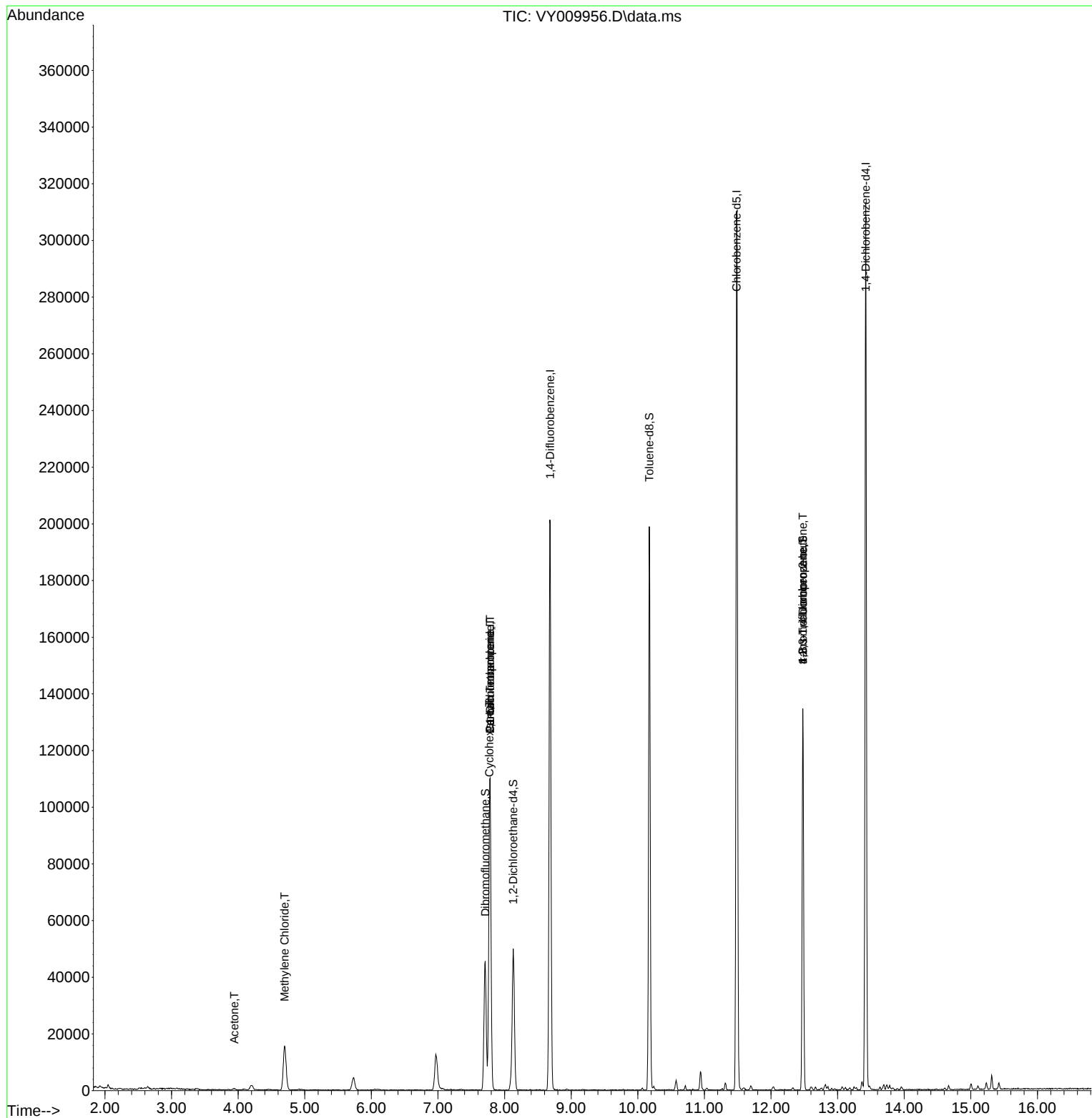
Internal Standards						
1) Pentafluorobenzene	7.783	168	84509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	172632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	168212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	34900	53.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.980%	
35) Dibromofluoromethane	7.710	113	32803	33.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 66.060%	
50) Toluene-d8	10.173	98	124389	41.861	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.720%	
62) 4-Bromofluorobenzene	12.477	95	41419	29.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 59.320%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.643	94	376	Below Cal		98
16) Acetone	3.942	43	958	4.506 ug/l	#	85
18) Methyl Acetate	4.466	43	531	Below Cal	#	52
20) Methylene Chloride	4.698	84	11895	7.658 ug/l		98
31) Cyclohexane	7.771	56	1844	1.019 ug/l	#	1
36) 1,1-Dichloropropene	7.783	75	6823	3.946 ug/l	#	47
38) Carbon Tetrachloride	7.783	117	8522	5.146 ug/l	#	17
76) 1,2,3-Trichloropropane	12.477	75	20761	25.874 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	20761	50.366 ug/l	#	13

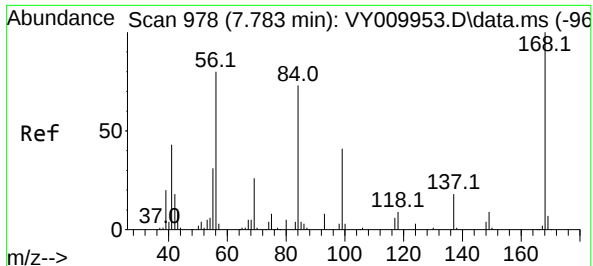
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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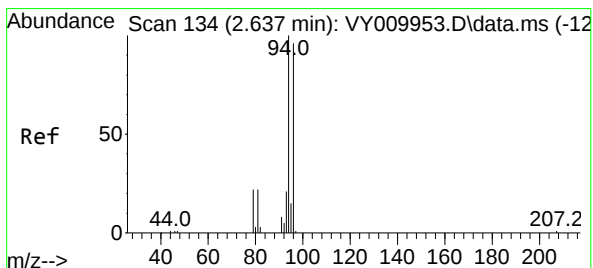
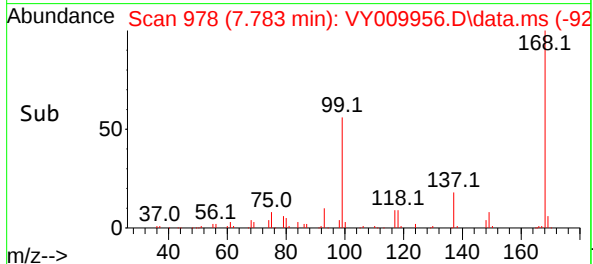
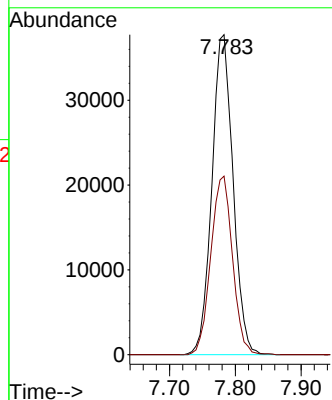
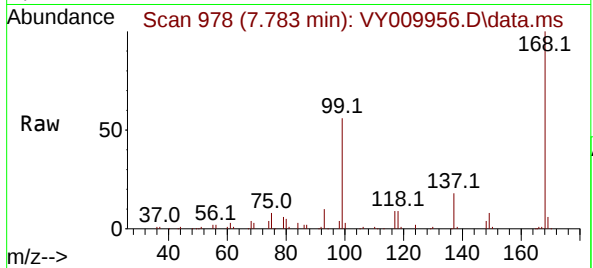




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009956.D
Acq: 10 Aug 2022 17:20

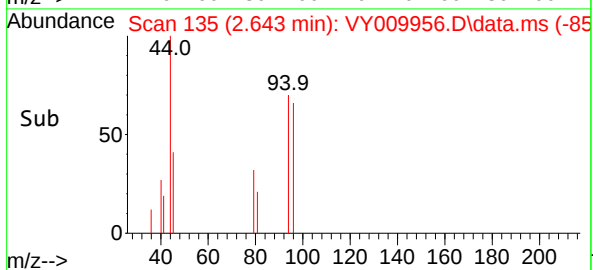
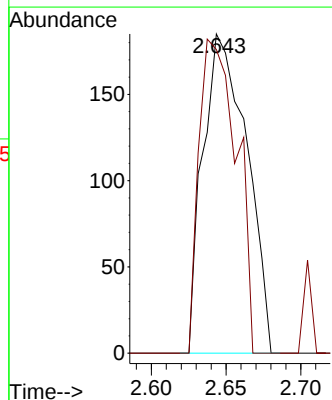
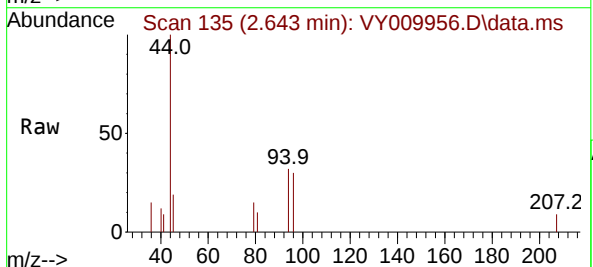
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

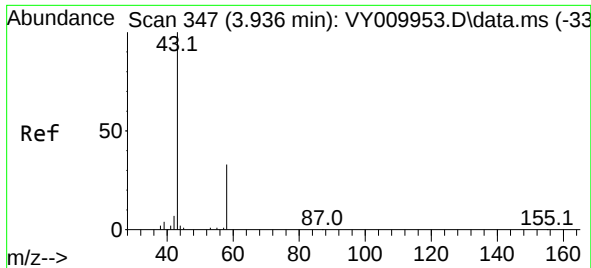
Tgt Ion:168 Resp: 84509
Ion Ratio Lower Upper
168 100
99 55.8 42.1 63.1



#5
Bromomethane
Concen: Below Cal
RT: 2.643 min Scan# 135
Delta R.T. 0.006 min
Lab File: VY009956.D
Acq: 10 Aug 2022 17:20

Tgt Ion: 94 Resp: 376
Ion Ratio Lower Upper
94 100
96 95.1 74.6 111.8





#16

Acetone

Concen: 4.506 ug/l

RT: 3.942 min Scan# 347

Delta R.T. 0.006 min

Lab File: VY009956.D

Acq: 10 Aug 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

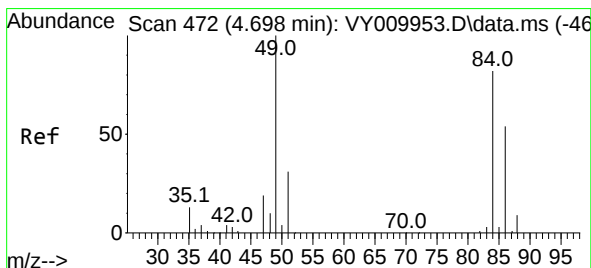
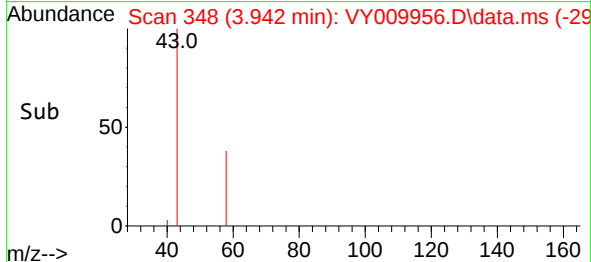
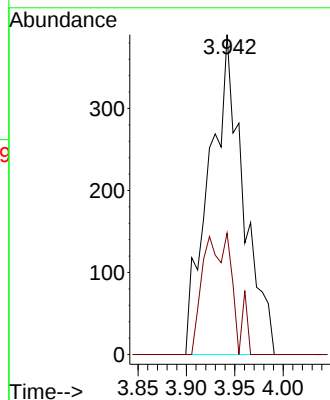
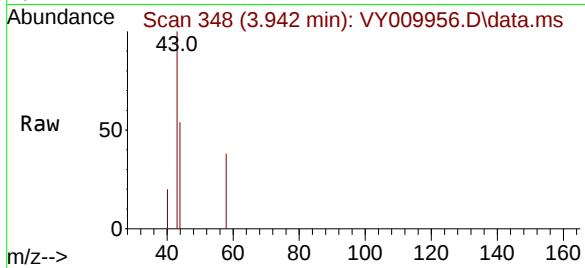
VIBLK

Tgt Ion: 43 Resp: 958

Ion Ratio Lower Upper

43 100

58 37.9 24.0 36.0#



#20

Methylene Chloride

Concen: 7.658 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009956.D

Acq: 10 Aug 2022 17:20

Tgt Ion: 84 Resp: 11895

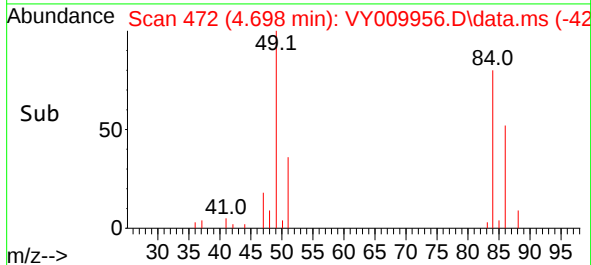
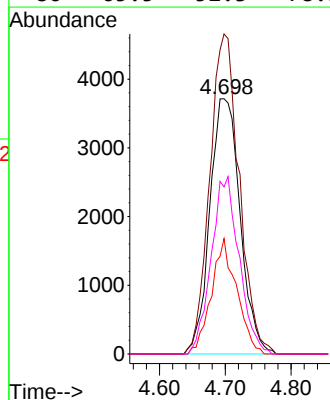
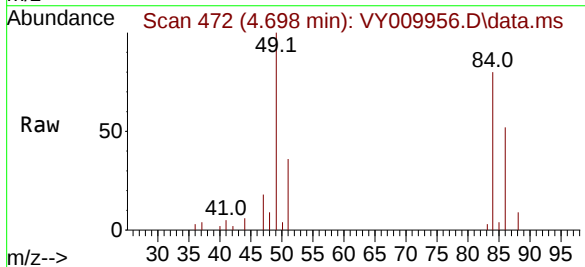
Ion Ratio Lower Upper

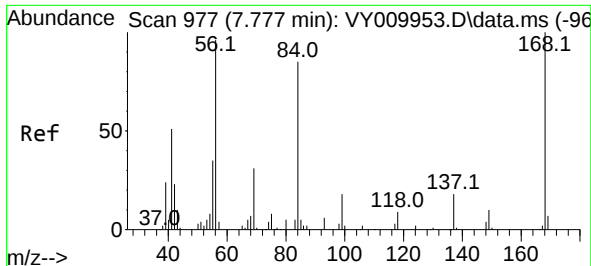
84 100

49 125.4 98.2 147.4

51 45.2 33.4 50.0

86 65.5 52.3 78.5

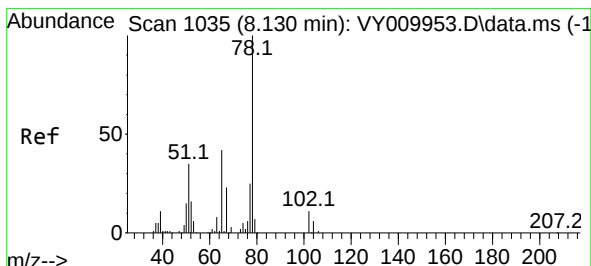
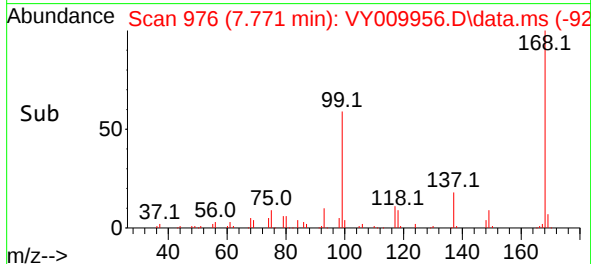
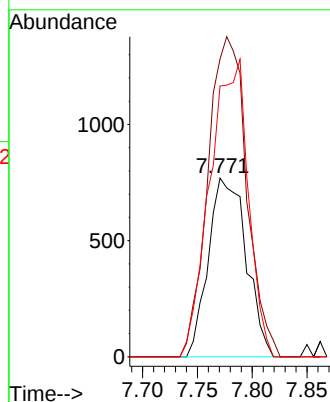
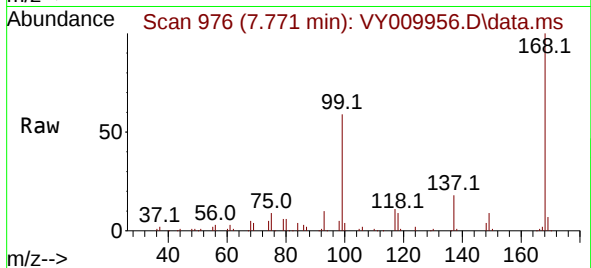




#31
Cyclohexane
Concen: 1.019 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009956.D
Acq: 10 Aug 2022 17:20

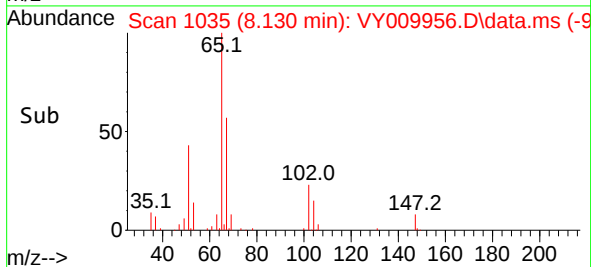
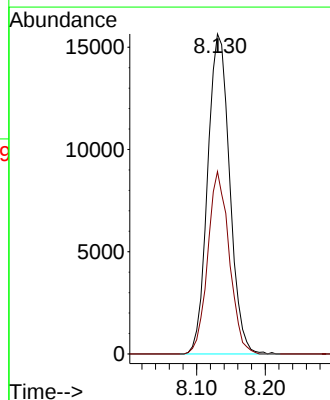
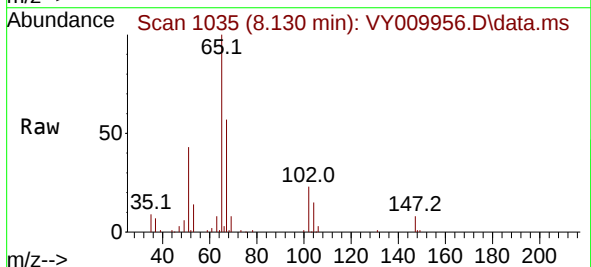
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

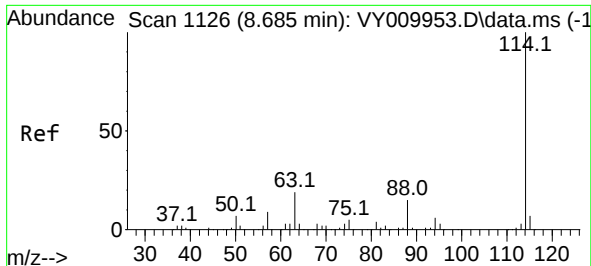
Tgt Ion: 56 Resp: 1844
Ion Ratio Lower Upper
56 100
69 166.7 26.0 39.0#
84 151.6 69.5 104.3#



#33
1,2-Dichloroethane-d4
Concen: 53.494 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY009956.D
Acq: 10 Aug 2022 17:20

Tgt Ion: 65 Resp: 34900
Ion Ratio Lower Upper
65 100
67 55.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009956.D

Acq: 10 Aug 2022 17:20

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

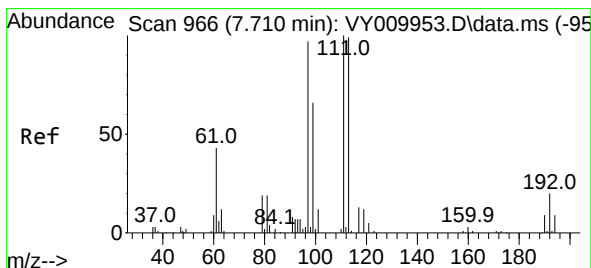
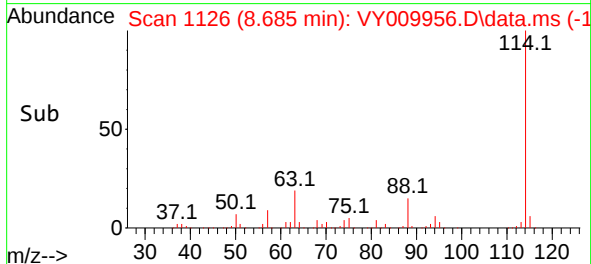
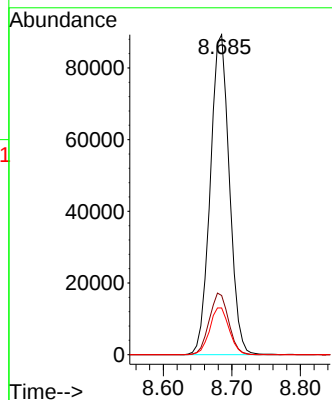
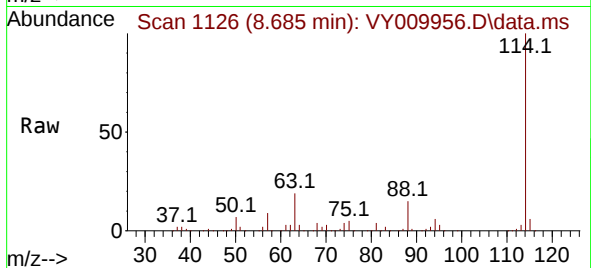
Tgt Ion:114 Resp: 172632

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.0

88 14.6 0.0 30.0



#35

Dibromofluoromethane

Concen: 33.025 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009956.D

Acq: 10 Aug 2022 17:20

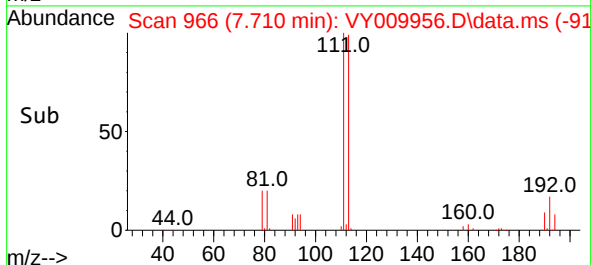
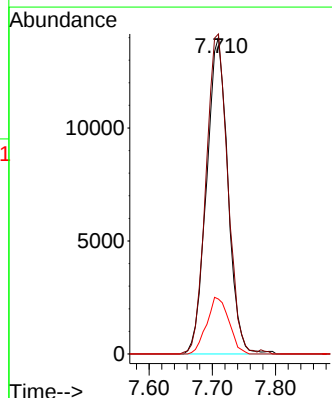
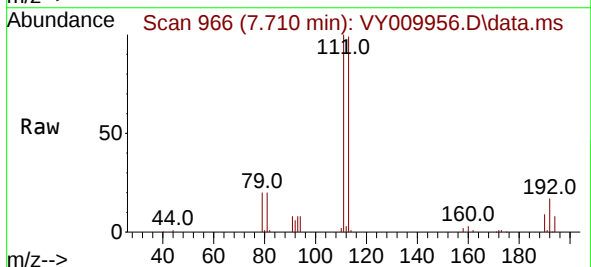
Tgt Ion:113 Resp: 32803

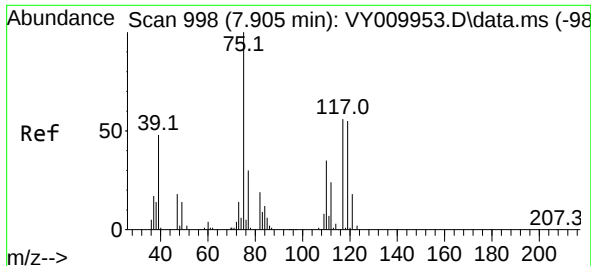
Ion Ratio Lower Upper

113 100

111 103.2 80.6 120.8

192 18.6 16.2 24.4

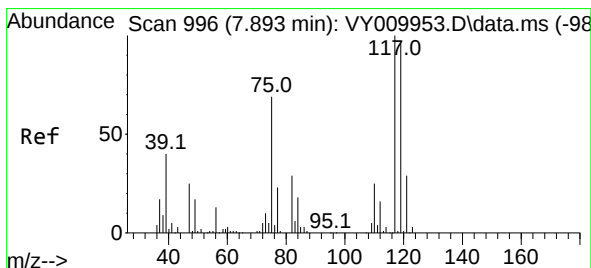
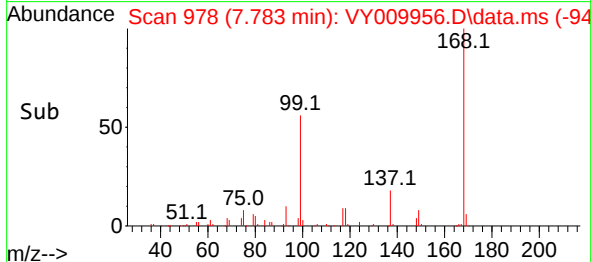
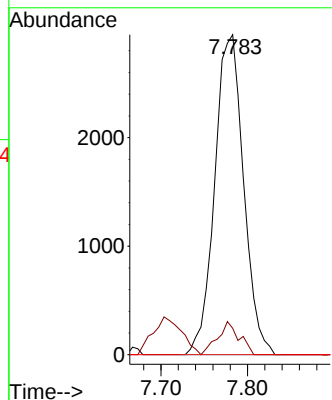
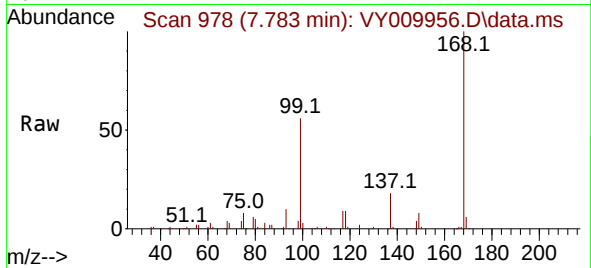




#36
1,1-Dichloropropene
Concen: 3.946 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009956.D
Acq: 10 Aug 2022 17:20

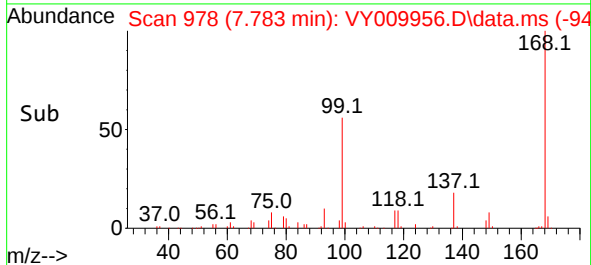
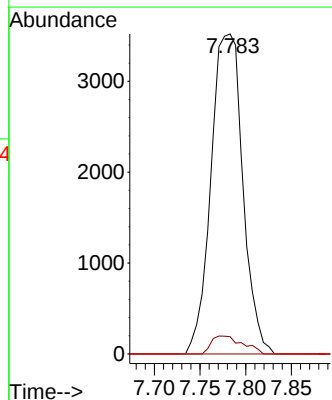
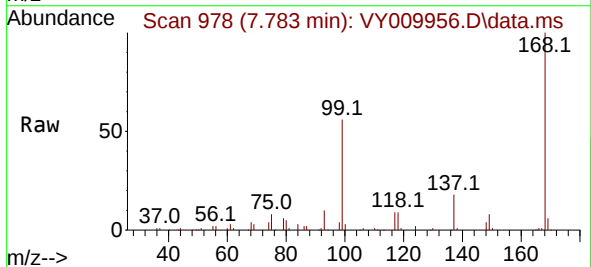
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

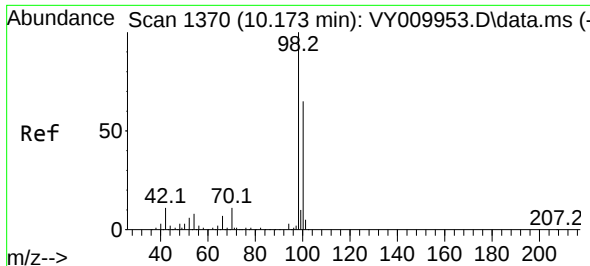
Tgt Ion: 75 Resp: 6823
Ion Ratio Lower Upper
75 100
110 7.7 18.6 56.0#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.146 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY009956.D
Acq: 10 Aug 2022 17:20

Tgt Ion: 117 Resp: 8522
Ion Ratio Lower Upper
117 100
119 5.4 75.9 113.9#
121 0.0 24.9 37.3#

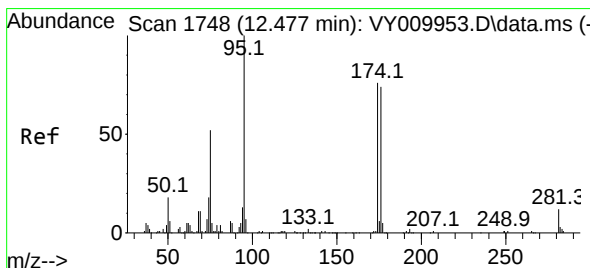
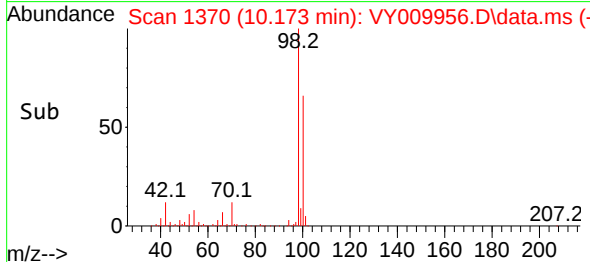
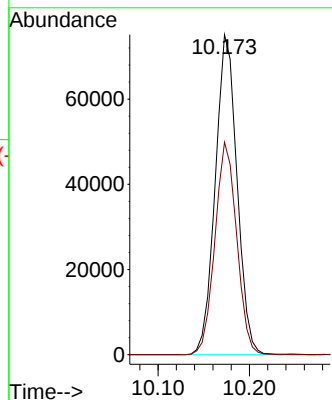
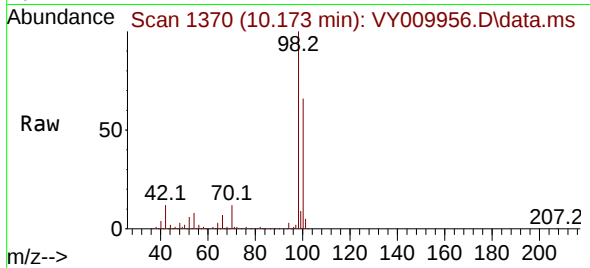




#50
Toluene-d8
Concen: 41.861 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009956.D
Acq: 10 Aug 2022 17:20

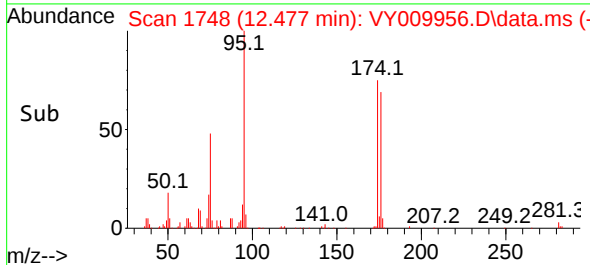
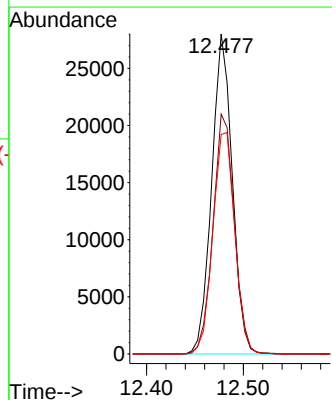
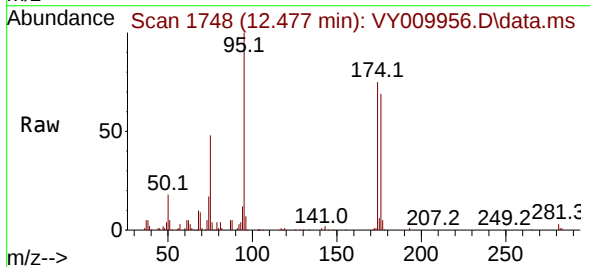
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MSVOA_Y
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VIBLK

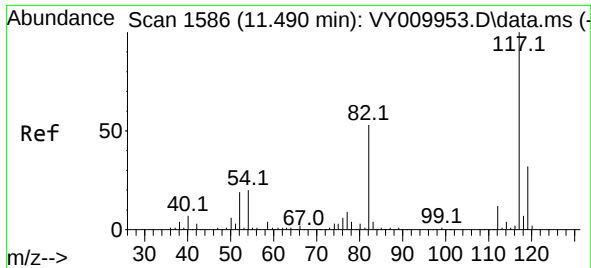
Tgt Ion: 98 Resp: 124389
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.661 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009956.D
Acq: 10 Aug 2022 17:20

Tgt Ion: 95 Resp: 41419
Ion Ratio Lower Upper
95 100
174 77.5 0.0 173.8
176 74.0 0.0 167.0

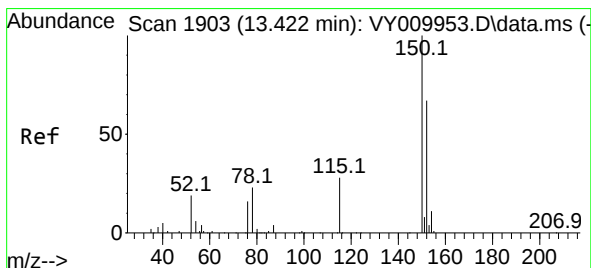
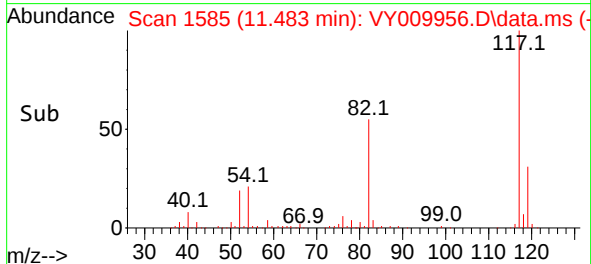
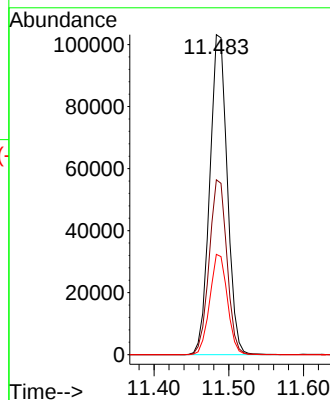
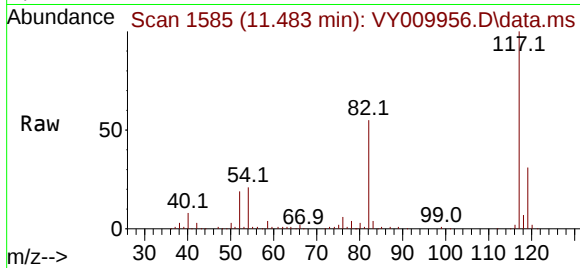




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY009956.D
Acq: 10 Aug 2022 17:20

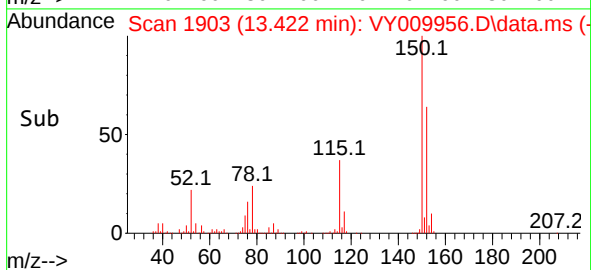
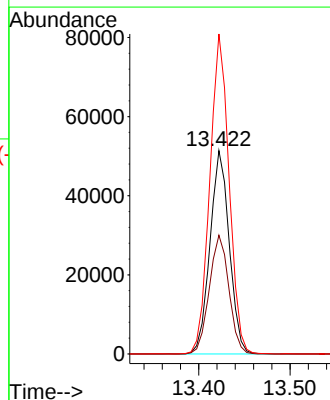
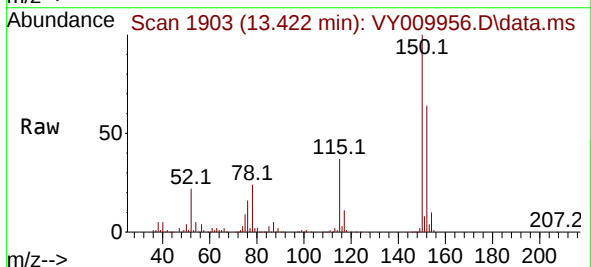
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

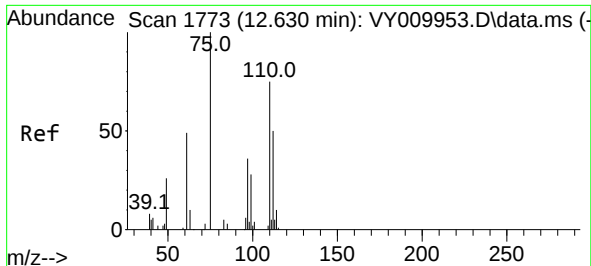
Tgt Ion:117 Resp: 168212
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.6
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009956.D
Acq: 10 Aug 2022 17:20

Tgt Ion:152 Resp: 75159
Ion Ratio Lower Upper
152 100
115 59.4 28.6 85.9
150 157.1 0.0 349.8

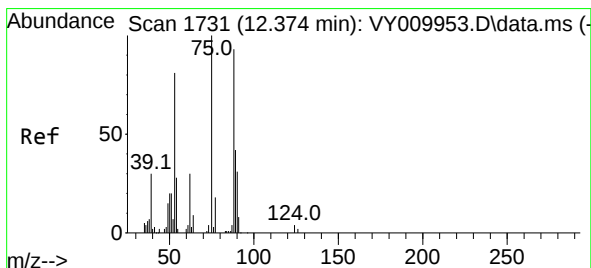
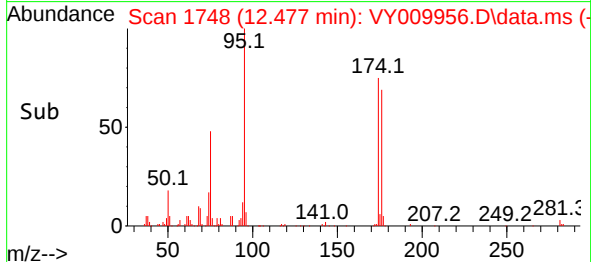
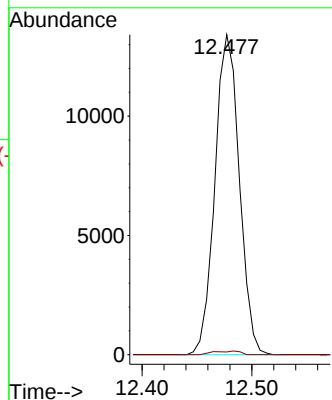
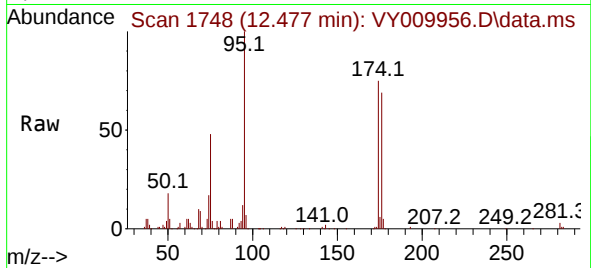




#76
1,2,3-Trichloropropane
Concen: 25.874 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009956.D
Acq: 10 Aug 2022 17:20

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 20761
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.366 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009956.D
Acq: 10 Aug 2022 17:20

Tgt Ion: 75 Resp: 20761
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

