

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013225.D
 Acq On : 07 Apr 2023 19:17
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Apr 08 02:32:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 08 02:16:15 2023
 Response via : Initial Calibration

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

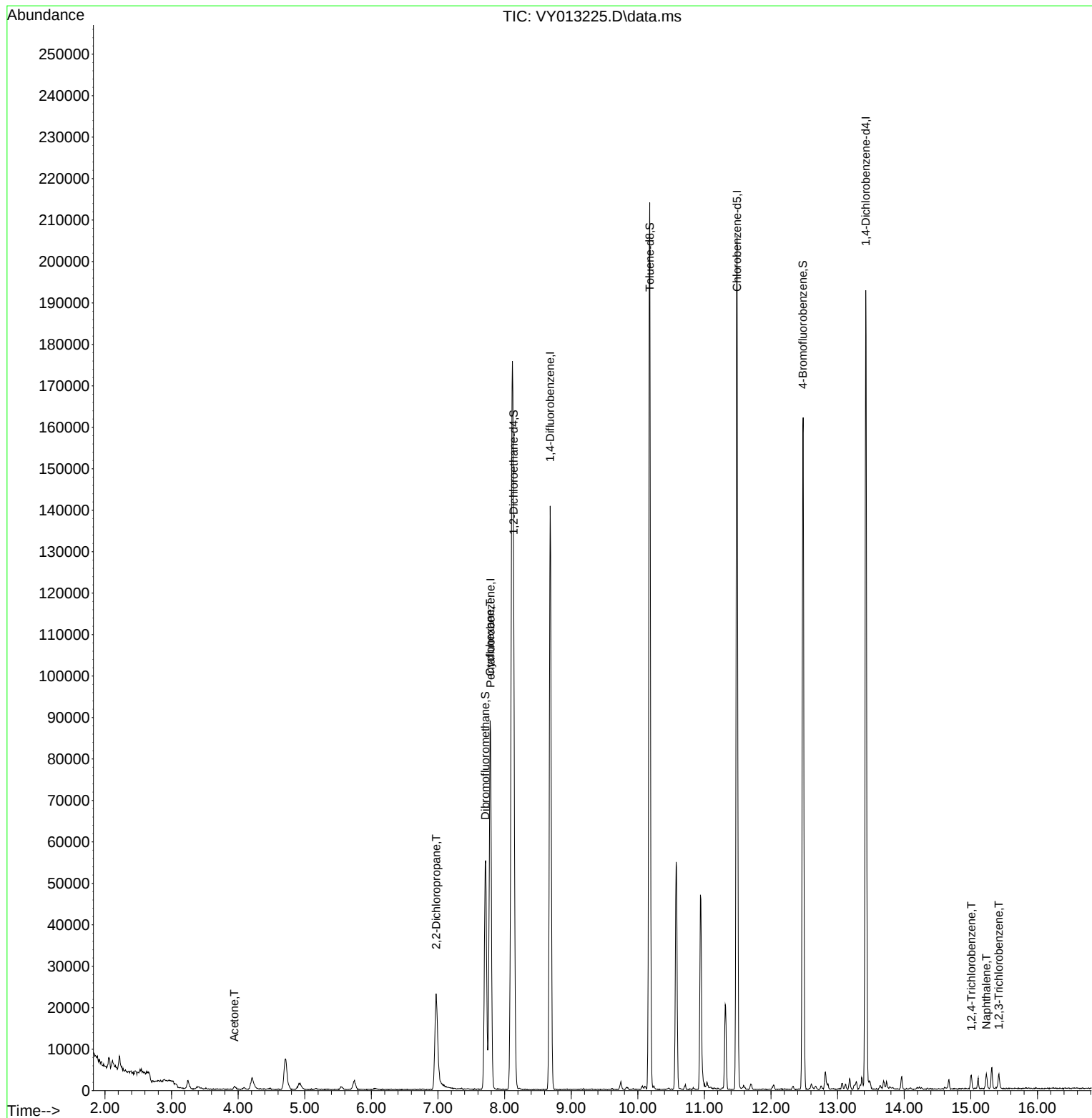
Internal Standards						
1) Pentafluorobenzene	7.789	168	67056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	112359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	102852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47047	54.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.260%	
35) Dibromofluoromethane	7.710	113	37835	48.047	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.100%	
50) Toluene-d8	10.179	98	133909	47.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.880%	
62) 4-Bromofluorobenzene	12.477	95	41994	43.551	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.100%	
Target Compounds						Qvalue
16) Acetone	3.942	43	1179	3.764	ug/l	100
26) 2,2-Dichloropropane	6.972	77	1974	1.493	ug/l #	52
31) Cyclohexane	7.783	56	1699	1.401	ug/l #	61
93) 1,2,4-Trichlorobenzene	15.007	180	1194	1.266	ug/l	96
95) Naphthalene	15.233	128	3149	1.513	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	1408	1.606	ug/l	95

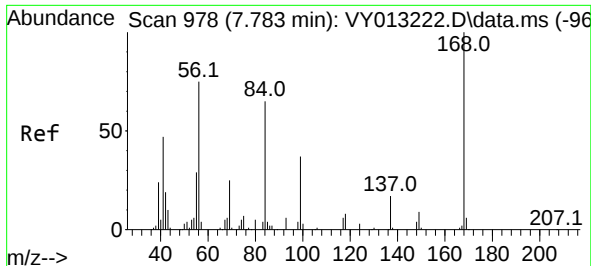
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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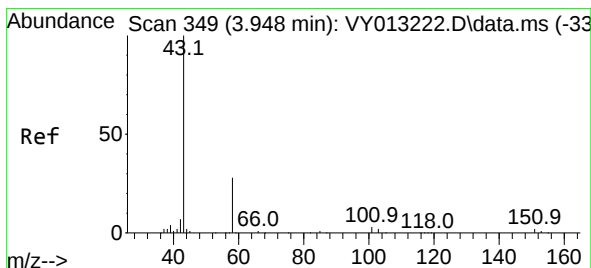
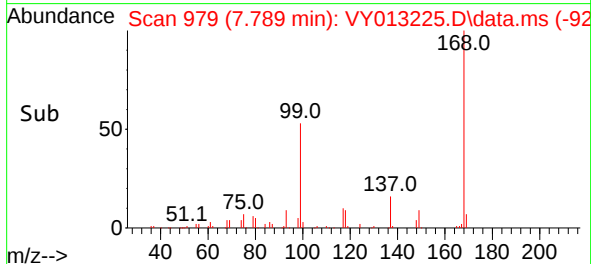
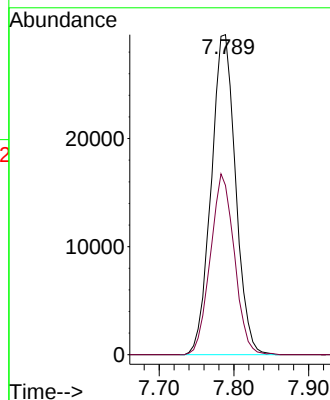
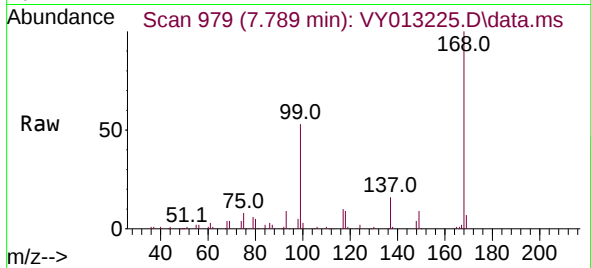




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013225.D
Acq: 07 Apr 2023 19:17

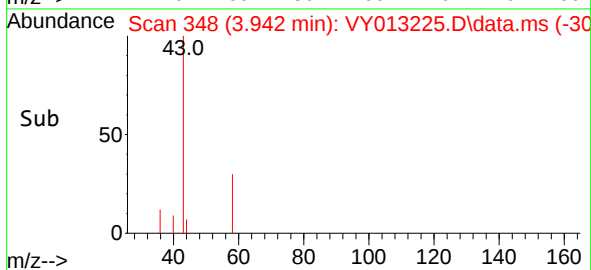
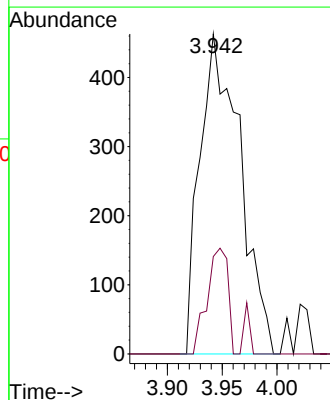
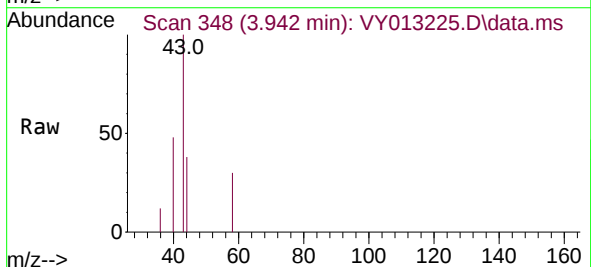
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

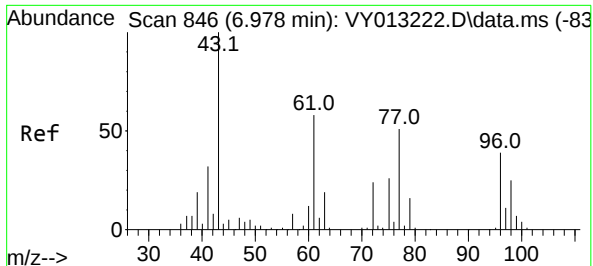
Tgt Ion:168 Resp: 67056
Ion Ratio Lower Upper
168 100
99 52.9 41.7 62.5



#16
Acetone
Concen: 3.764 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013225.D
Acq: 07 Apr 2023 19:17

Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 30.5 24.2 36.2





#26

2,2-Dichloropropane

Concen: 1.493 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY013225.D

Acq: 07 Apr 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

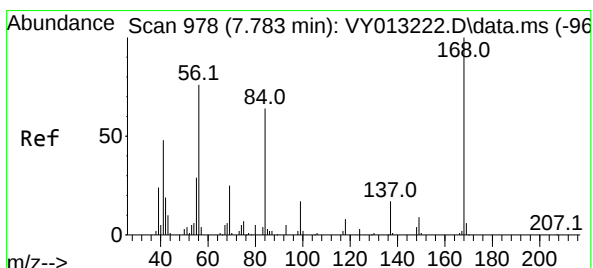
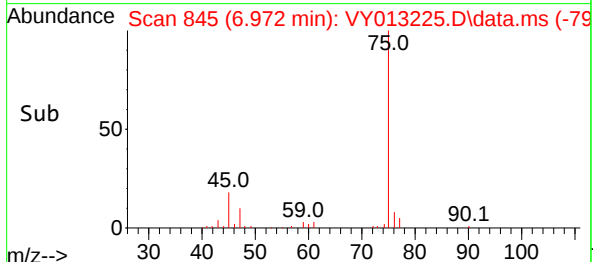
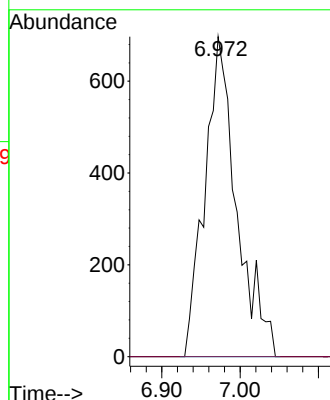
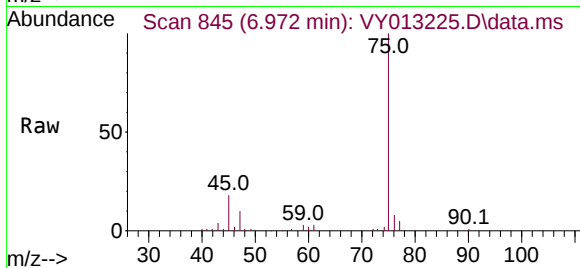
VIBLK

Tgt Ion: 77 Resp: 1974

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#31

Cyclohexane

Concen: 1.401 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY013225.D

Acq: 07 Apr 2023 19:17

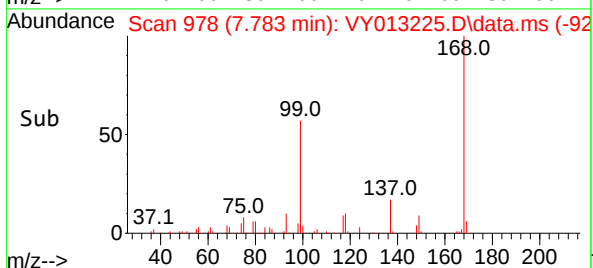
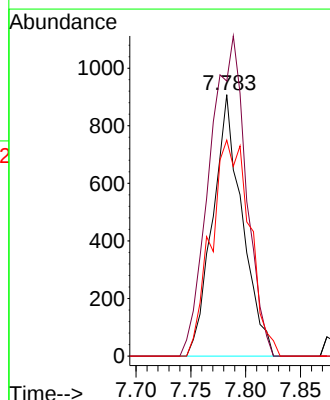
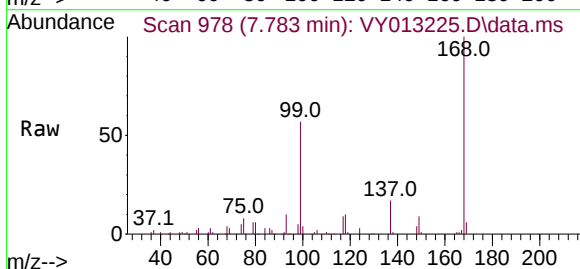
Tgt Ion: 56 Resp: 1699

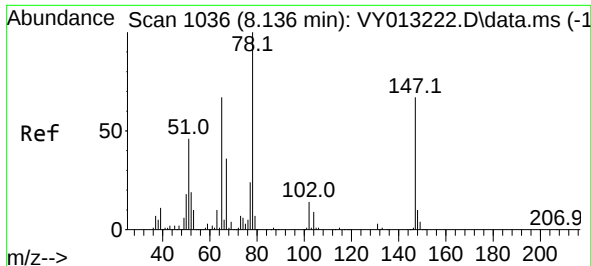
Ion Ratio Lower Upper

56 100

69 105.2 25.7 38.5#

84 82.6 64.3 96.5

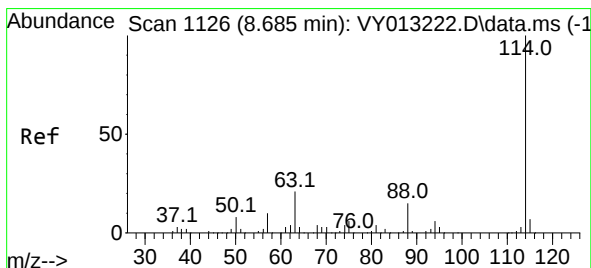
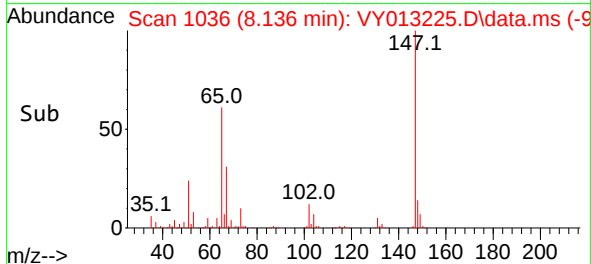
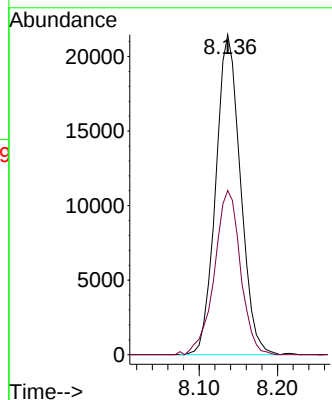
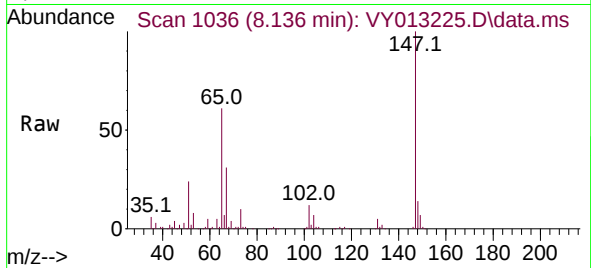




#33
 1,2-Dichloroethane-d4
 Concen: 54.130 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY013225.D
 Acq: 07 Apr 2023 19:17

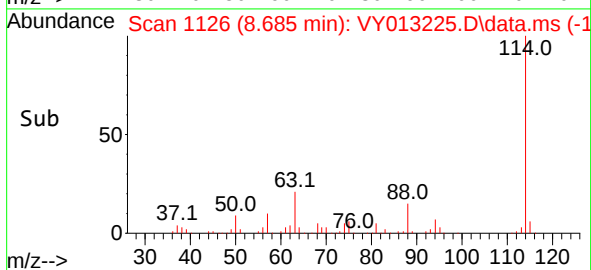
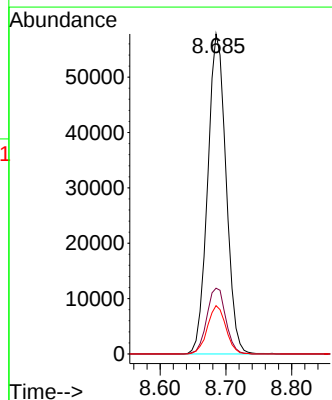
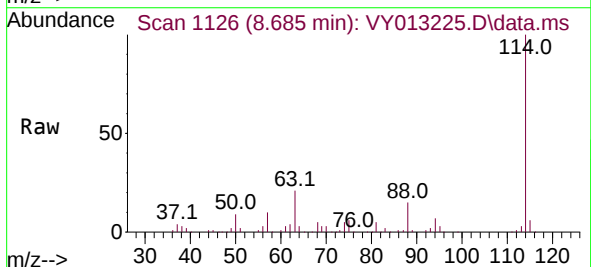
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

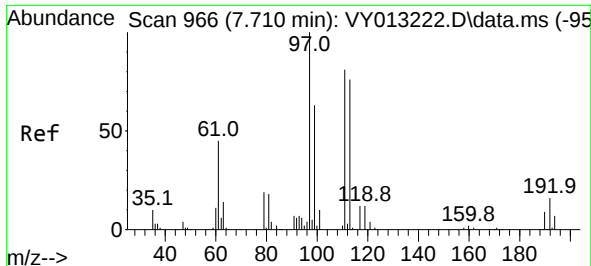
Tgt Ion: 65 Resp: 47047
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY013225.D
 Acq: 07 Apr 2023 19:17

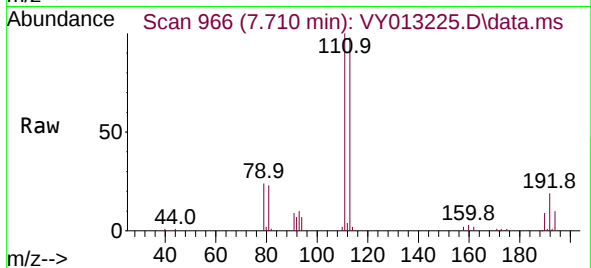
Tgt Ion: 114 Resp: 112359
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 37.4
 88 15.1 0.0 28.6



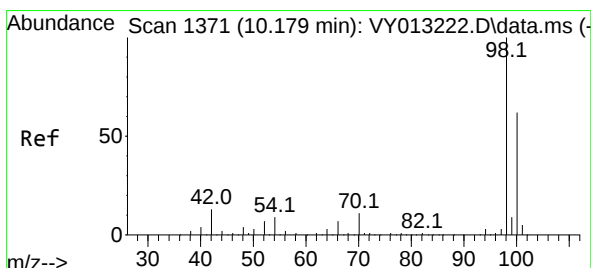
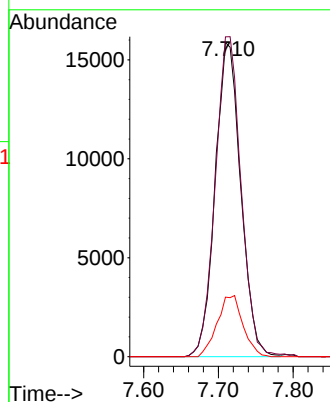
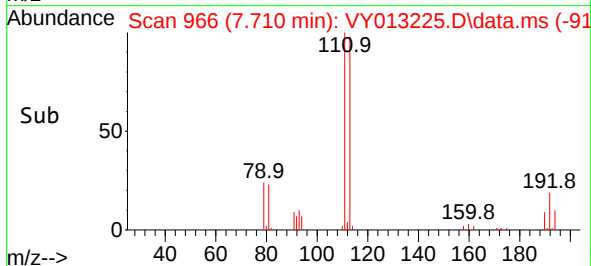


#35
Dibromofluoromethane
Concen: 48.047 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY013225.D
Acq: 07 Apr 2023 19:17

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

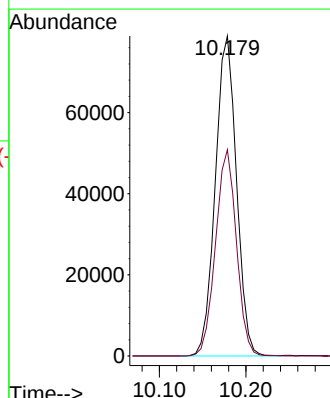
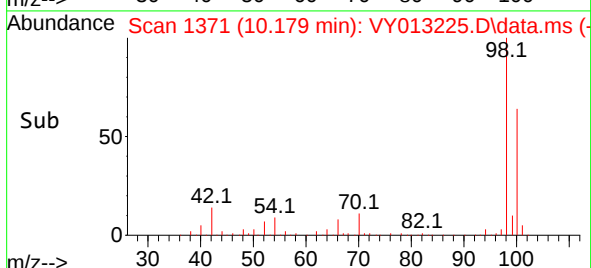
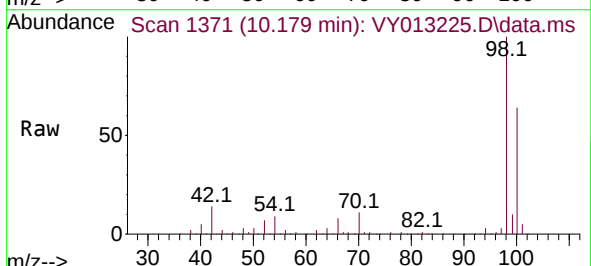


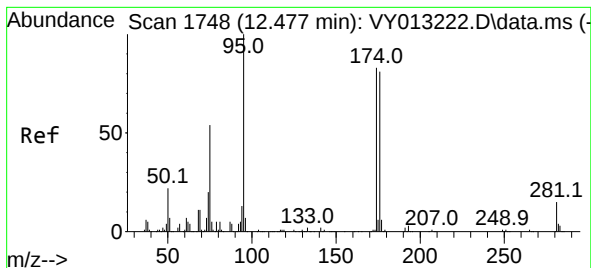
Tgt Ion:113 Resp: 37835
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.6 16.8 25.2



#50
Toluene-d8
Concen: 47.936 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013225.D
Acq: 07 Apr 2023 19:17

Tgt Ion: 98 Resp: 133909
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

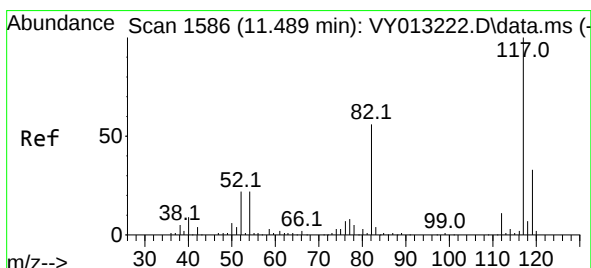
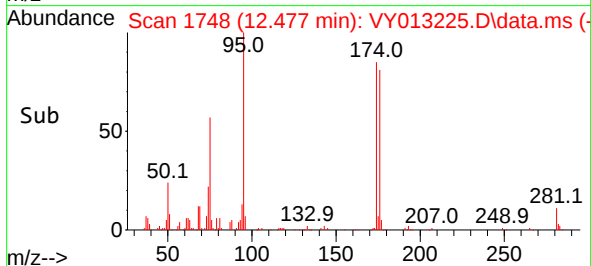
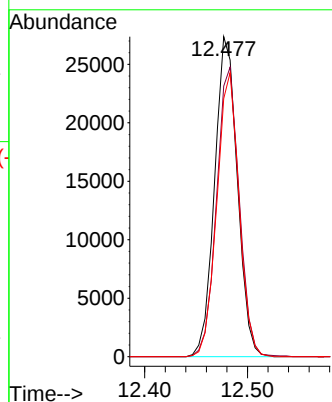
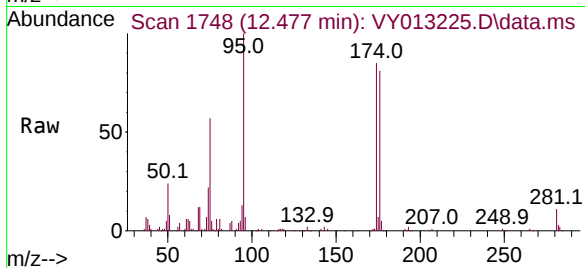




#62
4-Bromofluorobenzene
Concen: 43.551 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013225.D
Acq: 07 Apr 2023 19:17

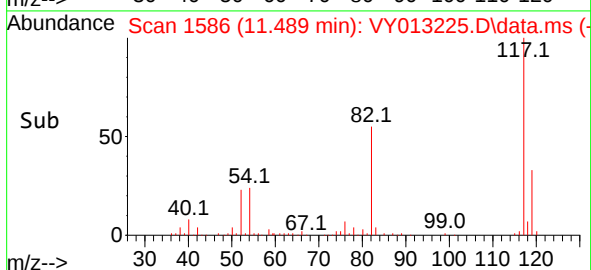
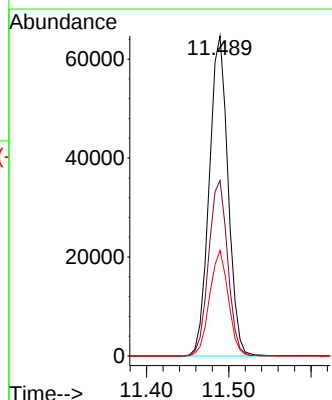
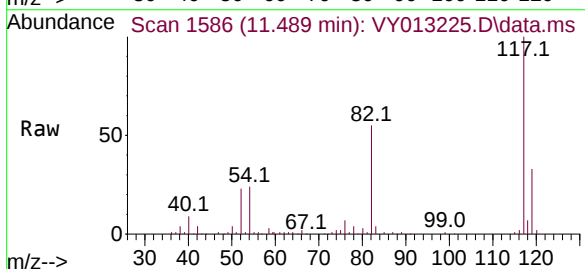
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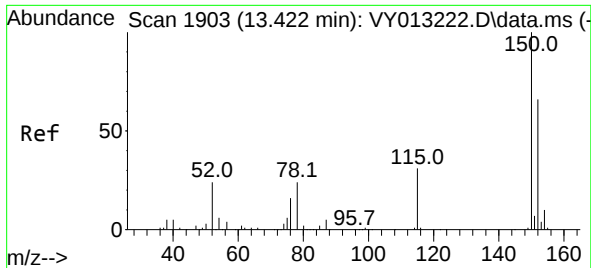
Tgt Ion: 95 Resp: 41994
Ion Ratio Lower Upper
95 100
174 90.1 0.0 176.6
176 86.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013225.D
Acq: 07 Apr 2023 19:17

Tgt Ion: 117 Resp: 102852
Ion Ratio Lower Upper
117 100
82 54.8 45.4 68.0
119 32.9 25.6 38.4

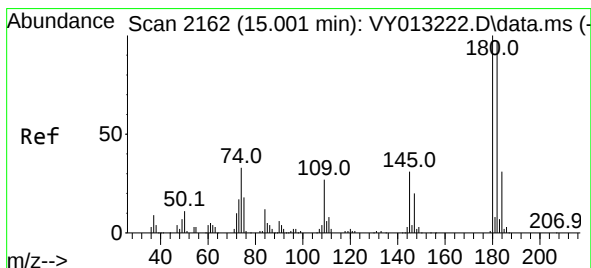
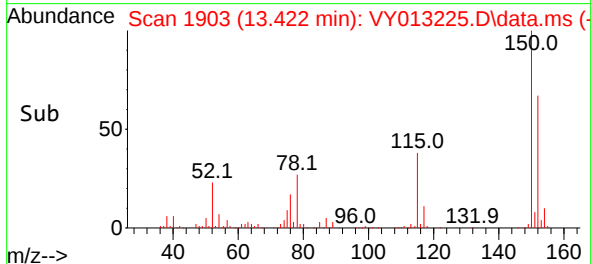
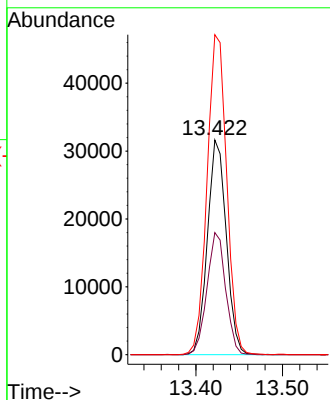
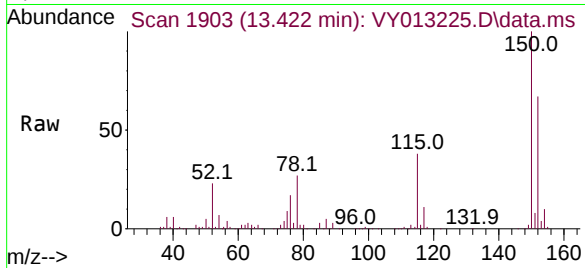




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY013225.D
 Acq: 07 Apr 2023 19:17

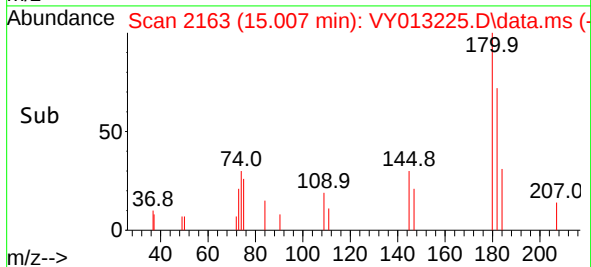
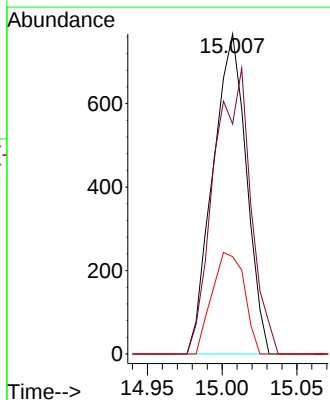
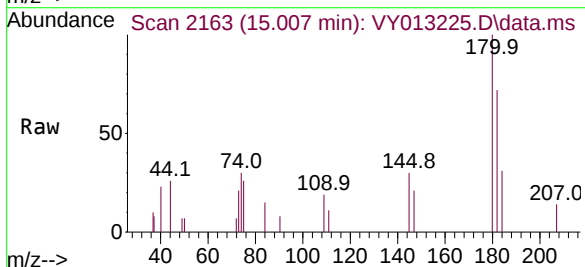
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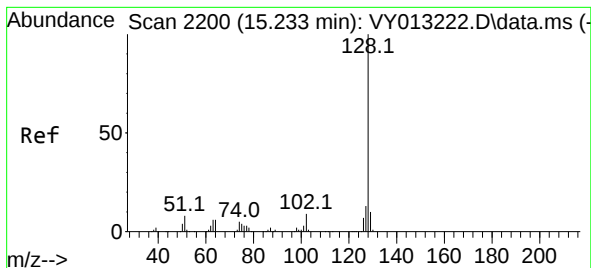
Tgt Ion:152 Resp: 47848
 Ion Ratio Lower Upper
 152 100
 115 56.4 27.1 81.3
 150 154.9 0.0 347.8



#93
 1,2,4-Trichlorobenzene
 Concen: 1.266 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.006 min
 Lab File: VY013225.D
 Acq: 07 Apr 2023 19:17

Tgt Ion:180 Resp: 1194
 Ion Ratio Lower Upper
 180 100
 182 97.7 46.7 140.1
 145 30.6 14.6 43.8





#95

Naphthalene

Concen: 1.513 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013225.D

Acq: 07 Apr 2023 19:17

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

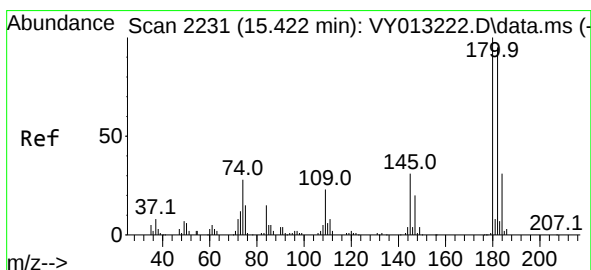
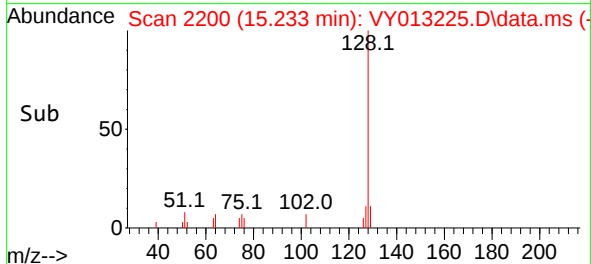
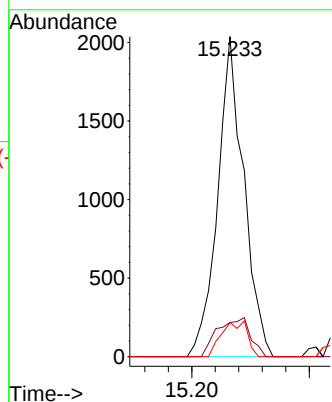
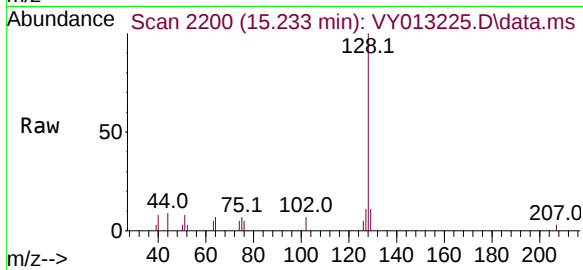
Tgt Ion:128 Resp: 3149

Ion Ratio Lower Upper

128 100

127 15.2 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.606 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013225.D

Acq: 07 Apr 2023 19:17

Tgt Ion:180 Resp: 1408

Ion Ratio Lower Upper

180 100

182 89.6 47.4 142.3

145 32.5 15.3 45.8

