

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009470.D
 Acq On : 07 Jul 2022 13:49
 Operator : KP/MD
 Sample : VIBK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBK

Quant Time: Jul 08 02:29:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 02:20:45 2022
 Response via : Initial Calibration

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

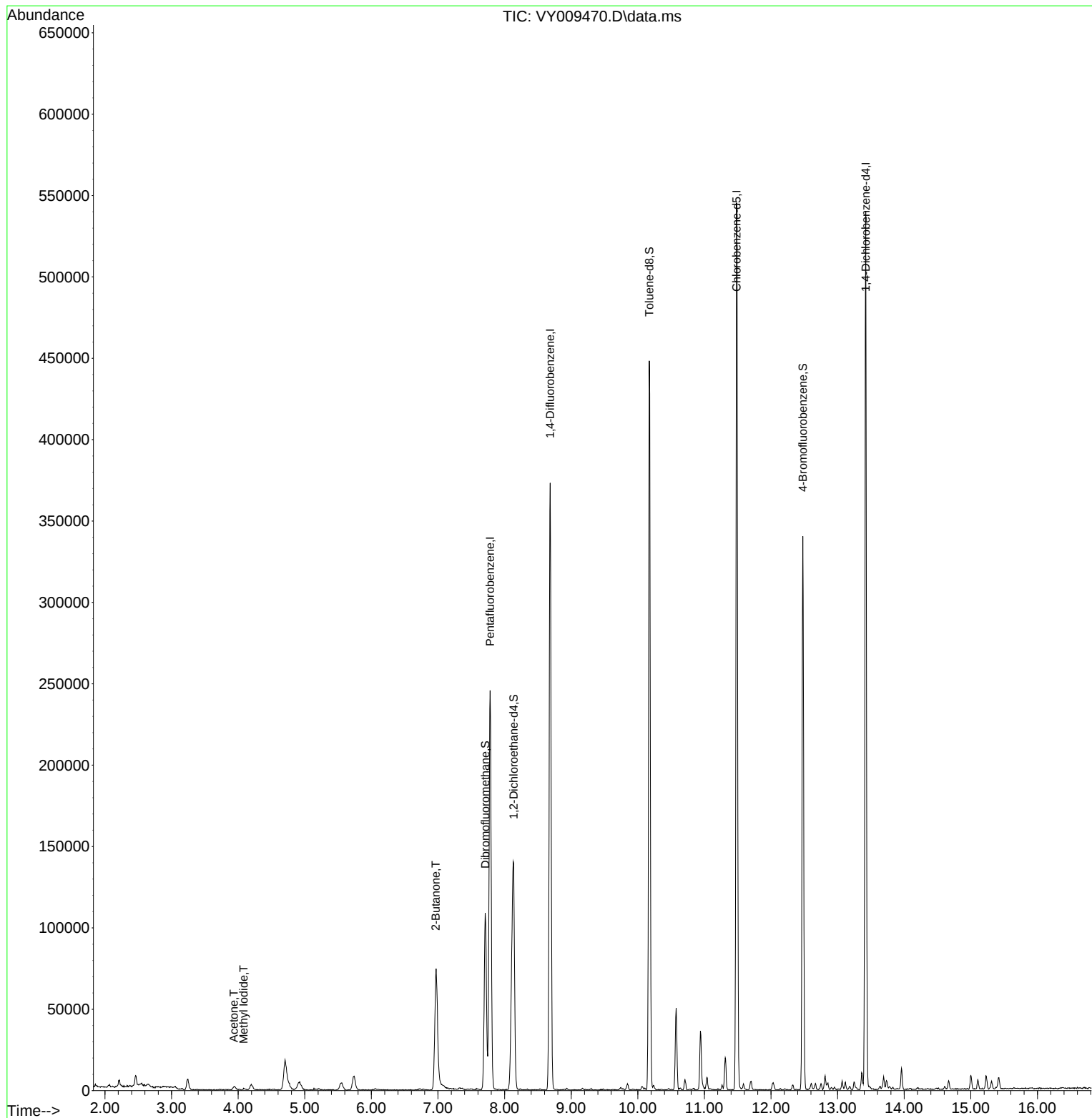
Internal Standards						
1) Pentafluorobenzene	7.783	168	192899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	297647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	136622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84806	64.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.520%
35) Dibromofluoromethane	7.710	113	75879	44.487	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.980%
50) Toluene-d8	10.173	98	290213	64.397	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	128.800%#
62) 4-Bromofluorobenzene	12.477	95	94879	39.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	78.820%
Target Compounds						
						Qvalue
10) Methyl Iodide	4.082	142	1417	4.730	ug/l #	58
16) Acetone	3.936	43	3901	18.575	ug/l	100
25) 2-Butanone	6.966	43	4613	6.077	ug/l	97

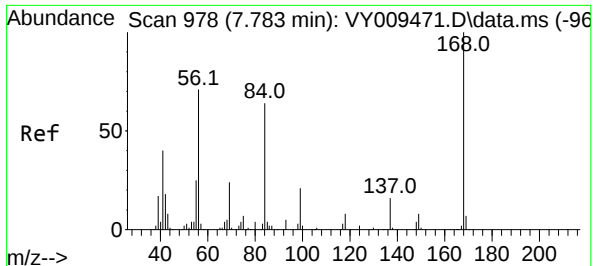
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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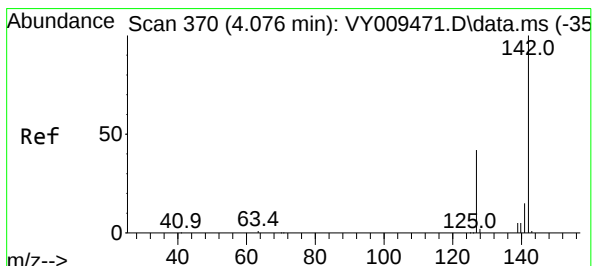
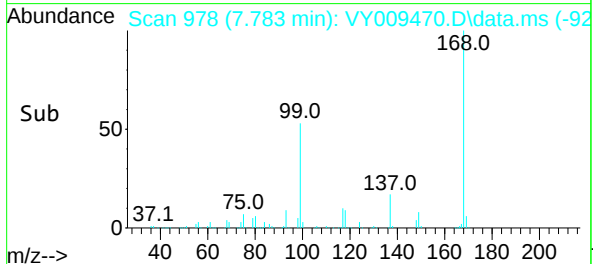
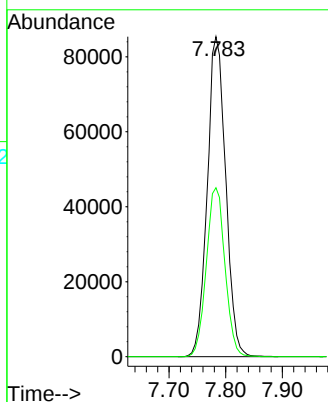
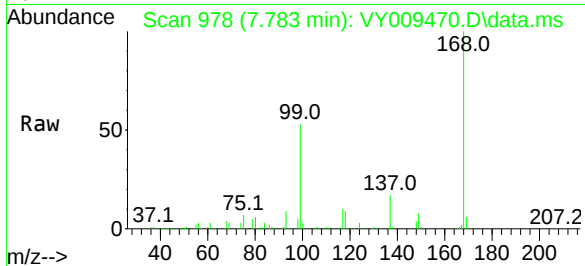




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009470.D
Acq: 07 Jul 2022 13:49

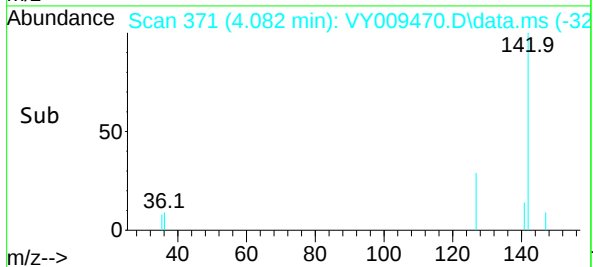
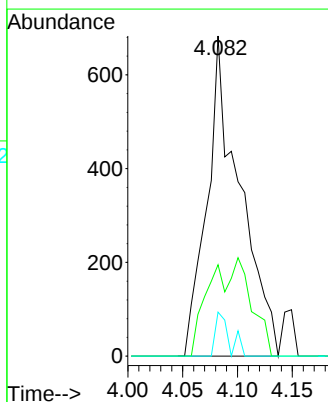
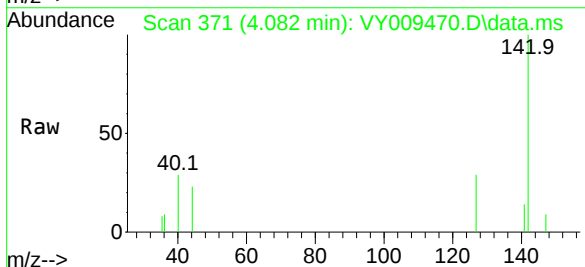
Instrument :
MSVOA_Y
ClientSampleId :
VIBK

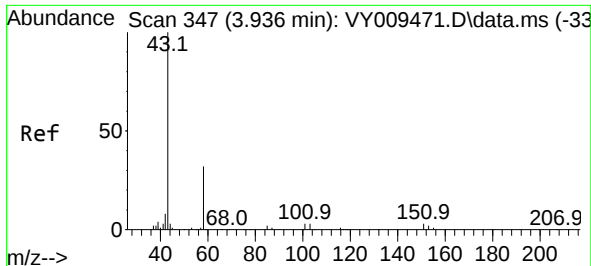
Tgt Ion:168 Resp: 192899
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#10
Methyl Iodide
Concen: 4.730 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.006 min
Lab File: VY009470.D
Acq: 07 Jul 2022 13:49

Tgt Ion:142 Resp: 1417
Ion Ratio Lower Upper
142 100
127 18.3 41.5 62.3#
141 5.8 11.9 17.9#

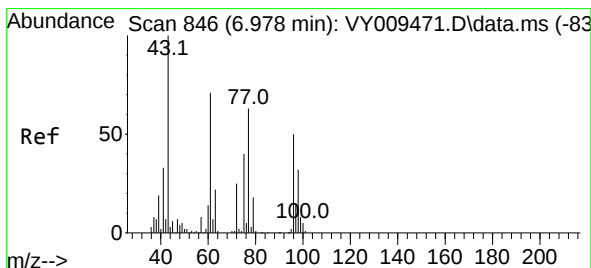
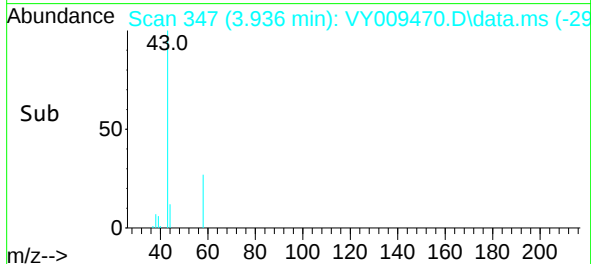
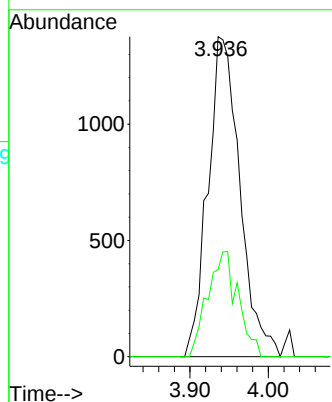
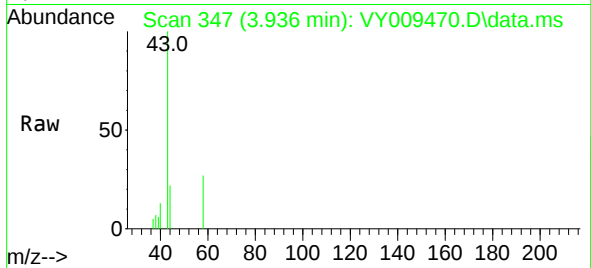




#16
Acetone
Concen: 18.575 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY009470.D
Acq: 07 Jul 2022 13:49

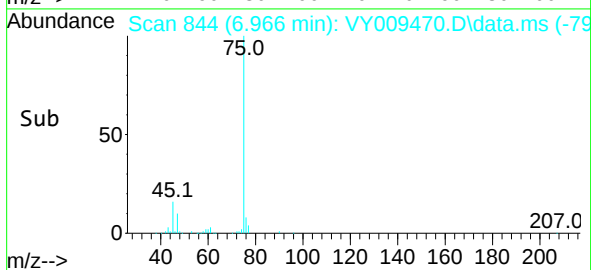
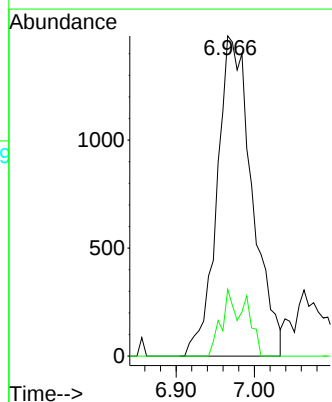
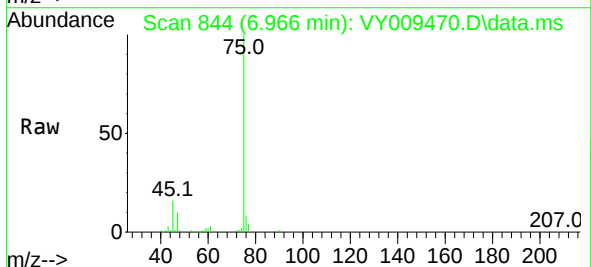
Instrument :
MSVOA_Y
ClientSampleId :
VIBK

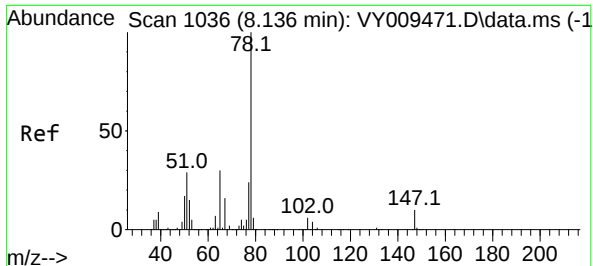
Tgt Ion: 43 Resp: 3901
Ion Ratio Lower Upper
43 100
58 27.3 22.0 33.0



#25
2-Butanone
Concen: 6.077 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY009470.D
Acq: 07 Jul 2022 13:49

Tgt Ion: 43 Resp: 4613
Ion Ratio Lower Upper
43 100
72 20.9 17.7 26.5

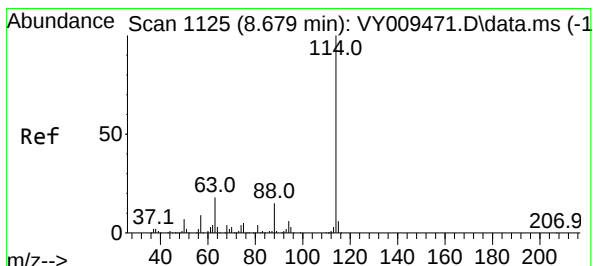
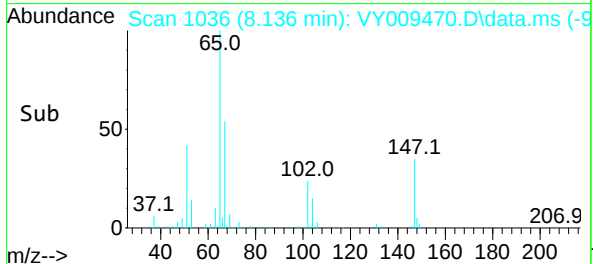
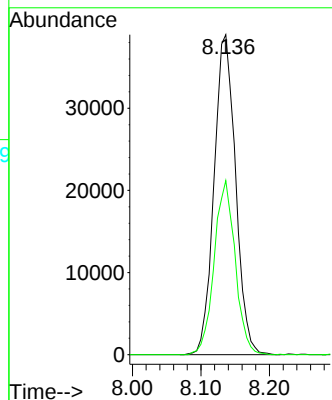
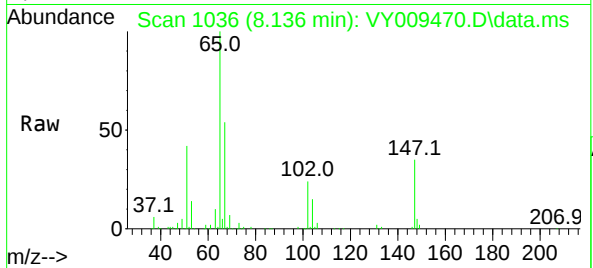




#33
1,2-Dichloroethane-d4
Concen: 64.260 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009470.D
Acq: 07 Jul 2022 13:49

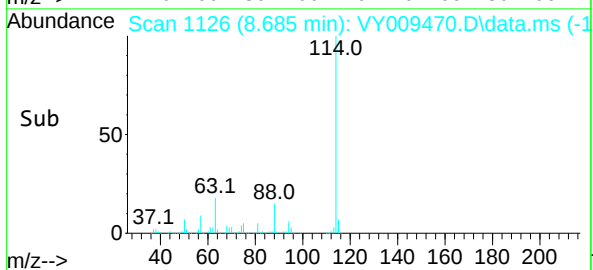
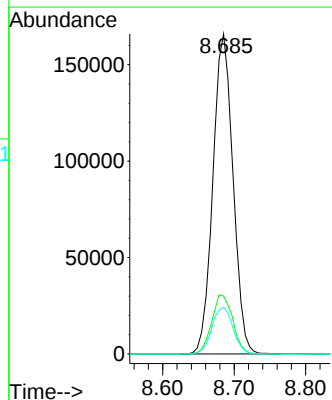
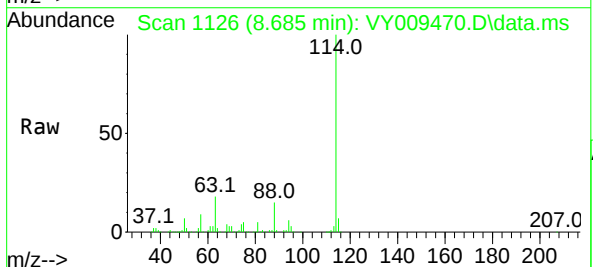
Instrument :
MSVOA_Y
ClientSampleId :
VIBK

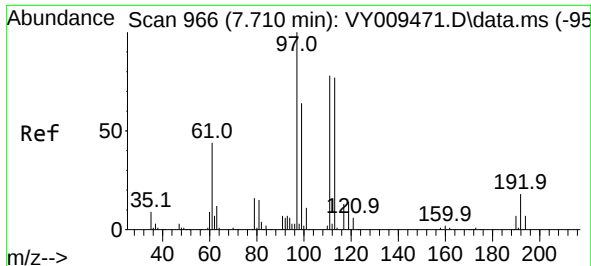
Tgt Ion: 65 Resp: 84806
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY009470.D
Acq: 07 Jul 2022 13:49

Tgt Ion: 114 Resp: 324160
Ion Ratio Lower Upper
114 100
63 18.1 0.0 43.2
88 14.6 0.0 31.8

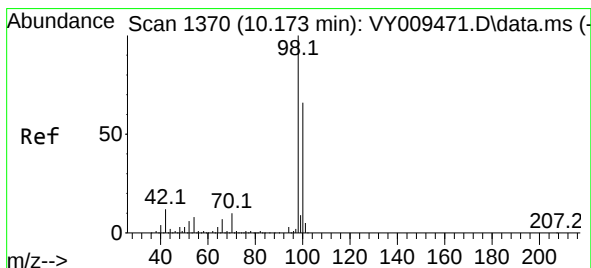
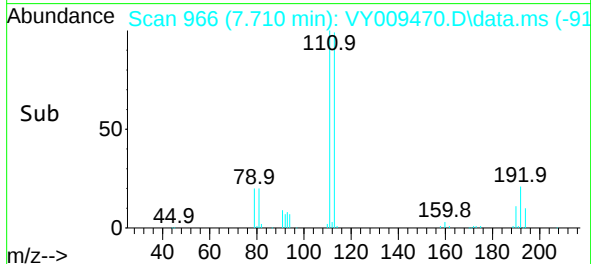
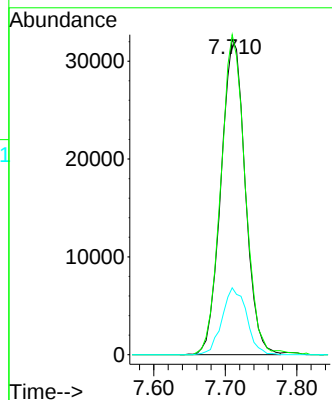
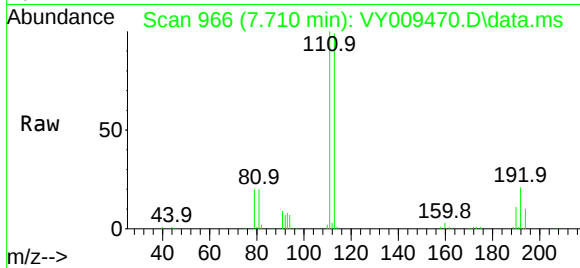




#35
Dibromofluoromethane
Concen: 44.487 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009470.D
Acq: 07 Jul 2022 13:49

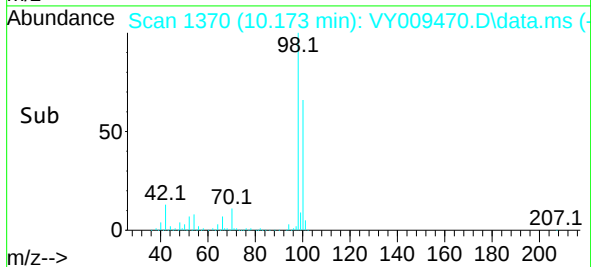
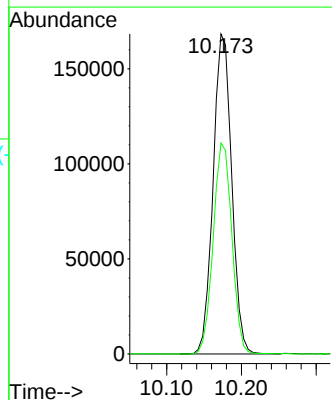
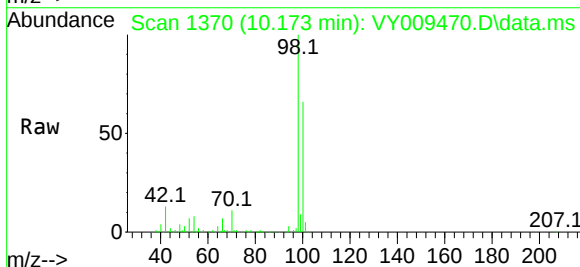
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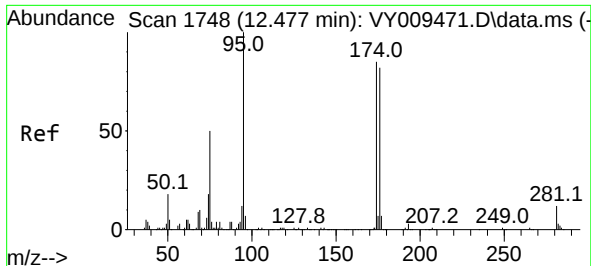
Tgt Ion:113 Resp: 75879
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 21.5 17.6 26.4



#50
Toluene-d8
Concen: 64.397 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009470.D
Acq: 07 Jul 2022 13:49

Tgt Ion: 98 Resp: 290213
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2

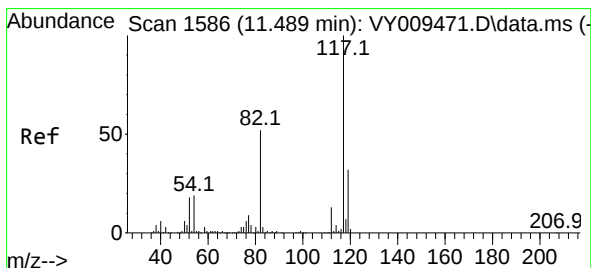
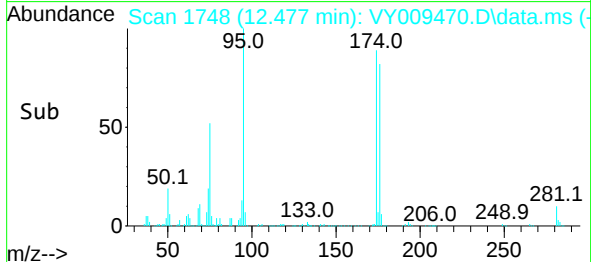
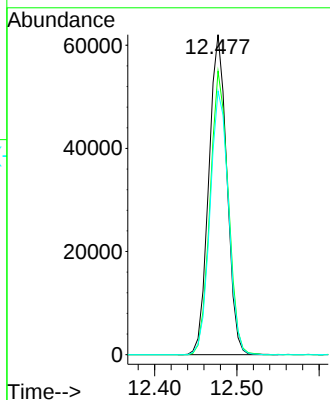
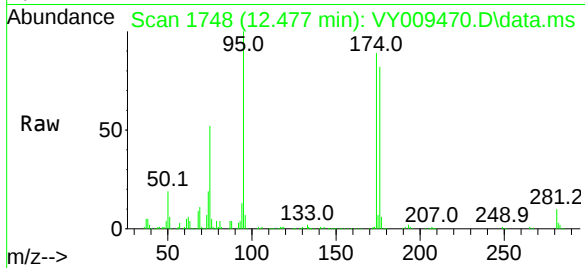




#62
4-Bromofluorobenzene
Concen: 39.407 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009470.D
Acq: 07 Jul 2022 13:49

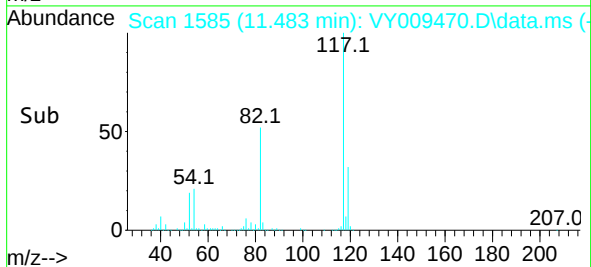
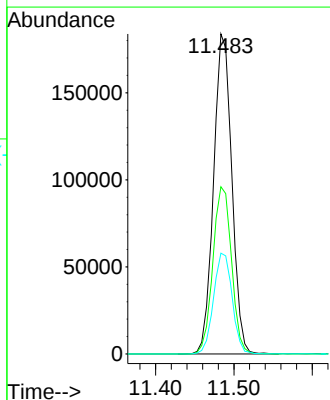
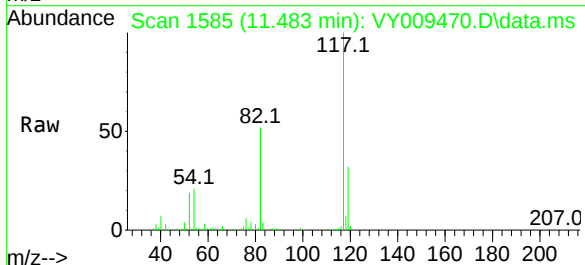
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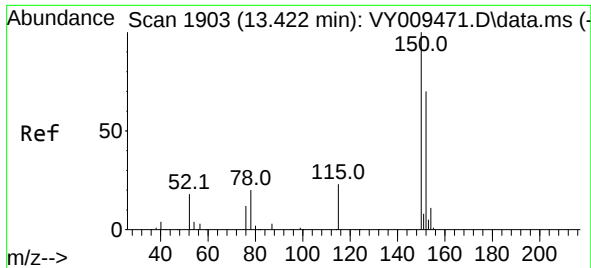
Tgt Ion: 95 Resp: 94879
Ion Ratio Lower Upper
95 100
174 88.7 0.0 177.0
176 83.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY009470.D
Acq: 07 Jul 2022 13:49

Tgt Ion: 117 Resp: 297647
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009470.D

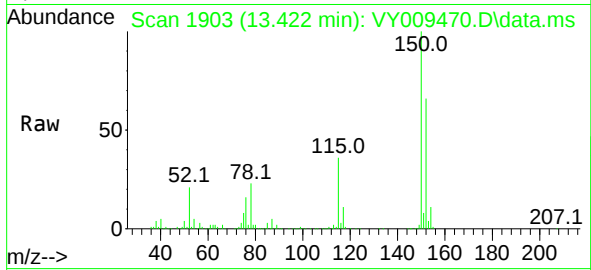
Acq: 07 Jul 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

VIBK



Tgt Ion:152 Resp: 136622

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.7

150 153.6 0.0 347.6

