

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010723.D
 Acq On : 28 Sep 2022 17:44
 Operator : KP/MD
 Sample : N4868-02
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ROLL-OFF-349-ETGI

Quant Time: Sep 29 01:14:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

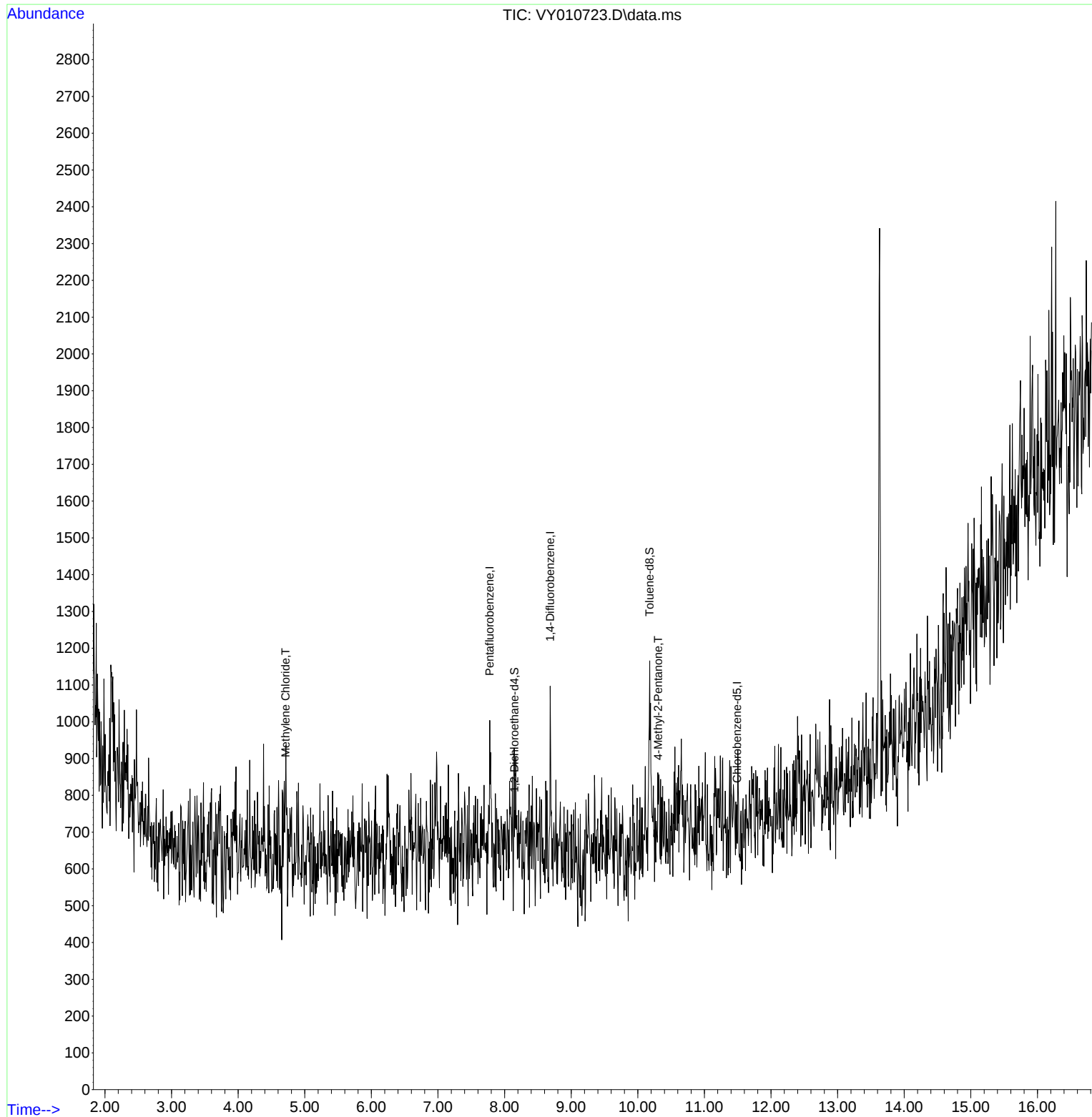
Internal Standards						
1) Pentafluorobenzene	7.777	168	322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	369	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	98	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98	31.820	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	63.640%
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.179	98	234	28.329	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	56.660%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	177	53.829	ug/l #	56
51) 4-Methyl-2-Pentanone	10.307	43	42	26.778	ug/l #	40

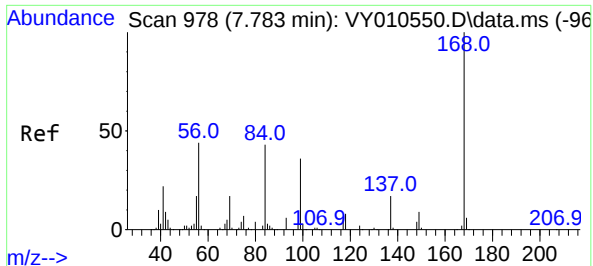
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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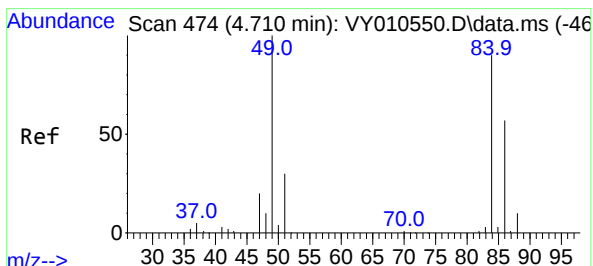
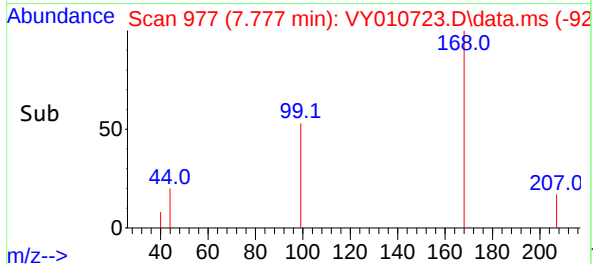
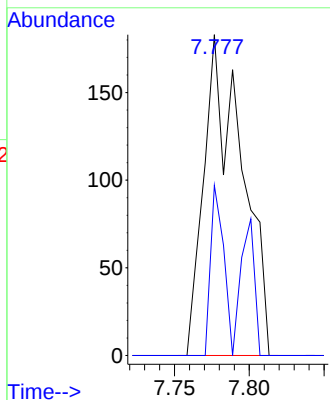
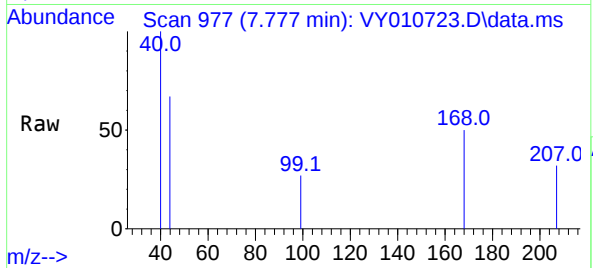




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010723.D
Acq: 28 Sep 2022 17:44

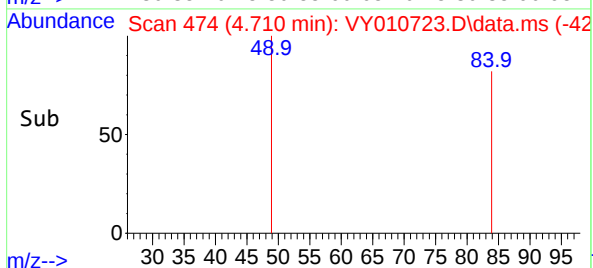
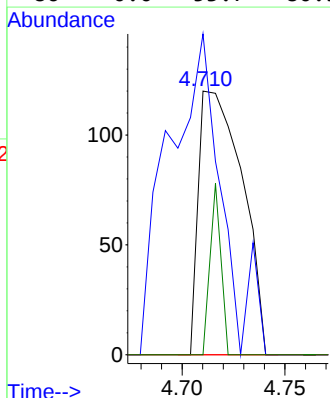
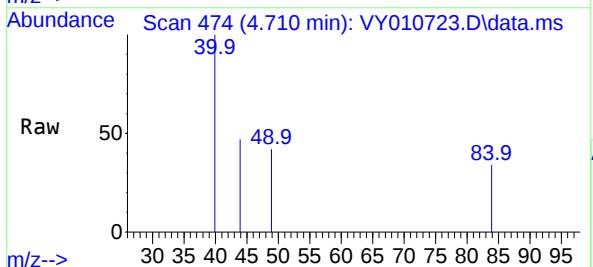
Instrument :
MSVOA_Y
ClientSampleId :
ROLL-OFF-349-ETGI

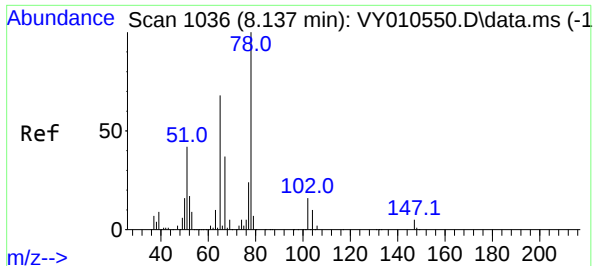
Tgt Ion:168 Resp: 322
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#20
Methylene Chloride
Concen: 53.829 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010723.D
Acq: 28 Sep 2022 17:44

Tgt Ion: 84 Resp: 177
Ion Ratio Lower Upper
84 100
49 121.7 114.4 171.6
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 31.820 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY010723.D

Acq: 28 Sep 2022 17:44

Instrument :

MSVOA_Y

ClientSampleId :

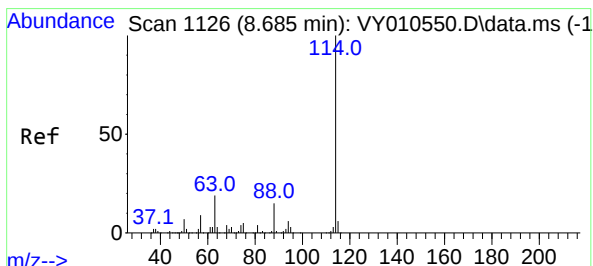
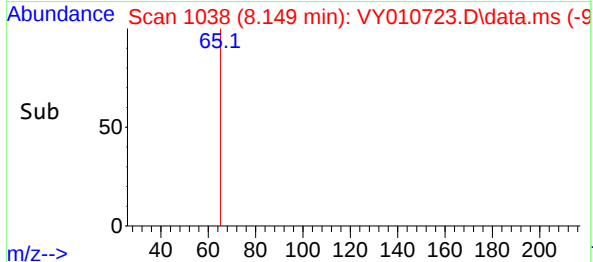
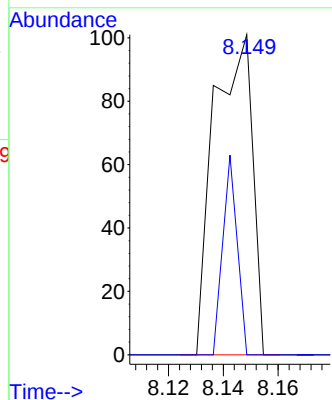
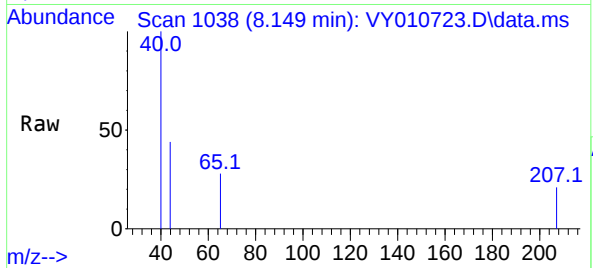
ROLL-OFF-349-ETGI

Tgt Ion: 65 Resp: 98

Ion Ratio Lower Upper

65 100

67 23.5 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: VY010723.D

Acq: 28 Sep 2022 17:44

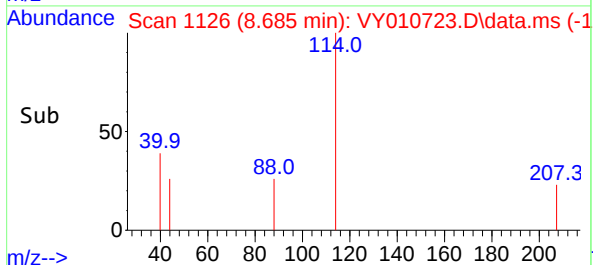
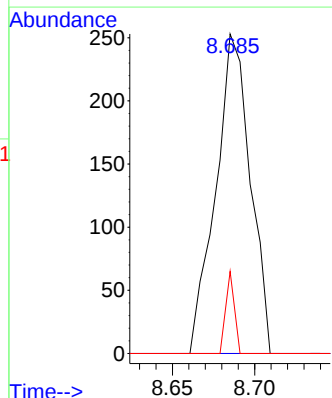
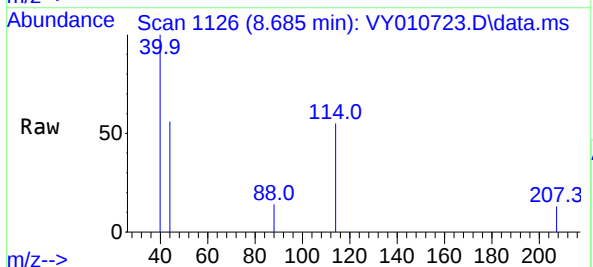
Tgt Ion: 114 Resp: 369

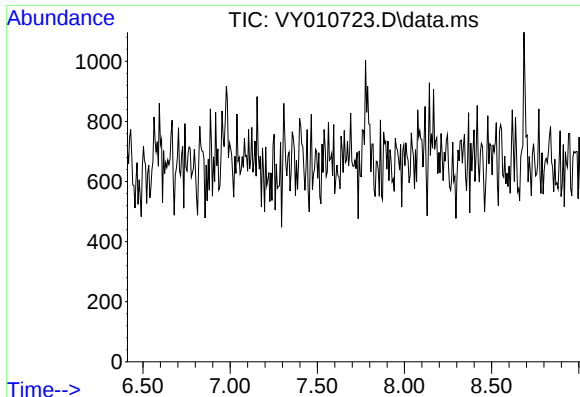
Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 25.7 0.0 31.8



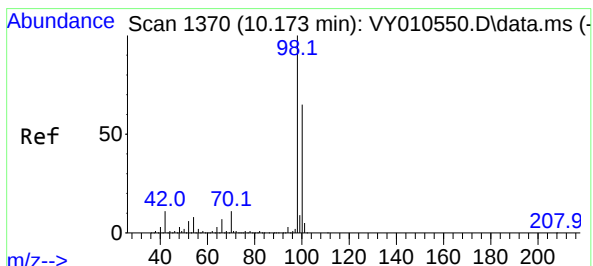
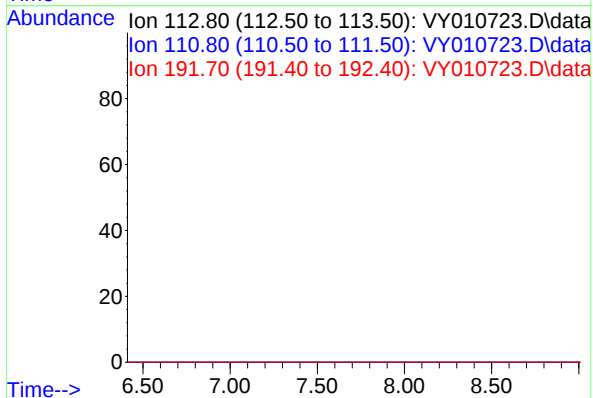


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.71 min

Lab File: VY010723.D
Acq: 28 Sep 2022 17:44

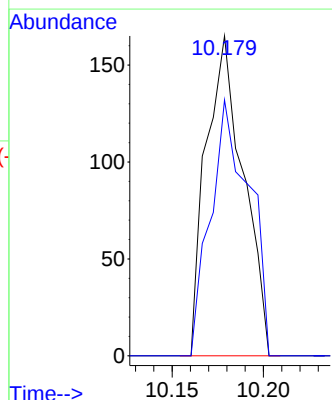
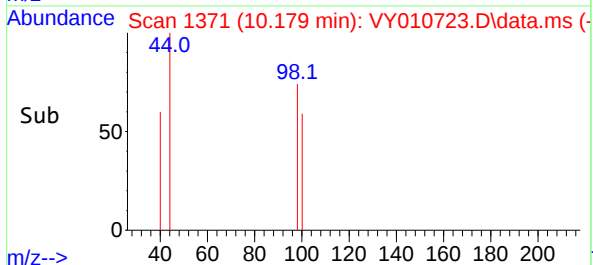
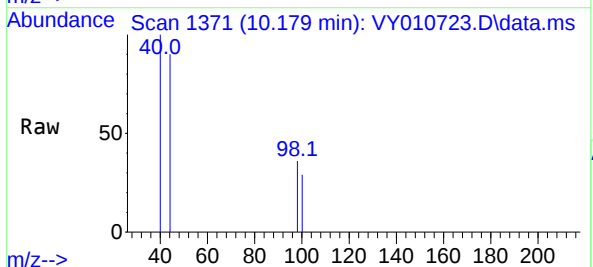
Instrument :
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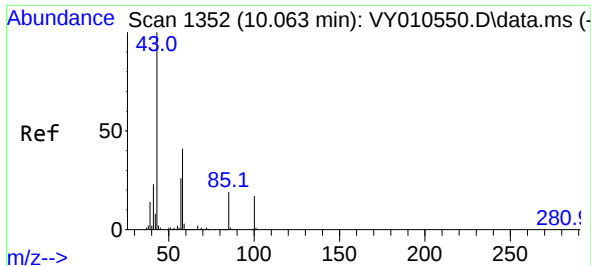
Tgt Ion: 113
Sig Exp Ratio
113 100
111 103.3
192 22.0



#50
Toluene-d8
Concen: 28.329 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010723.D
Acq: 28 Sep 2022 17:44

Tgt Ion: 98 Resp: 234
Ion Ratio Lower Upper
98 100
100 82.9 50.2 75.2#

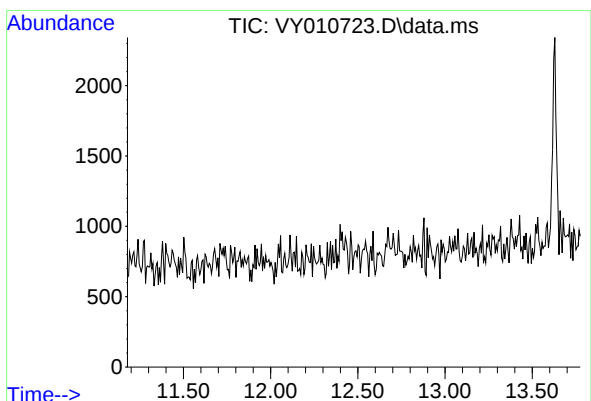
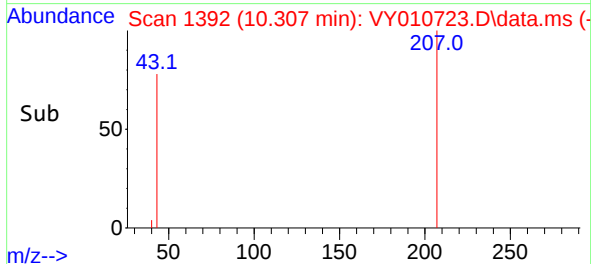
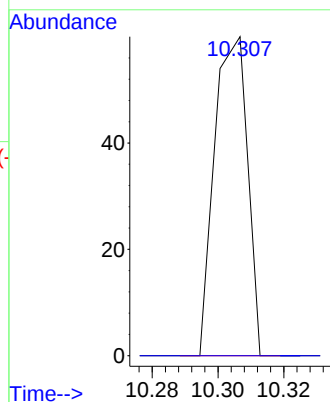
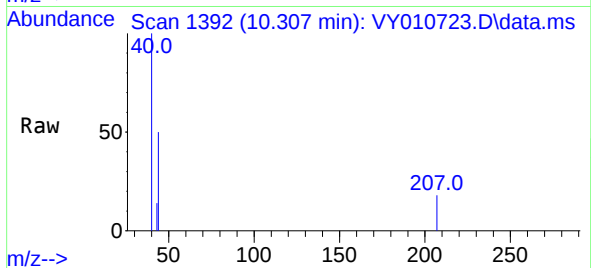




#51
4-Methyl-2-Pentanone
Concen: 26.778 ug/l
RT: 10.307 min Scan# 11
Delta R.T. 0.244 min
Lab File: VY010723.D
Acq: 28 Sep 2022 17:44

Instrument :
MSVOA_Y
ClientSampleId :
ROLL-OFF-349-ETGI

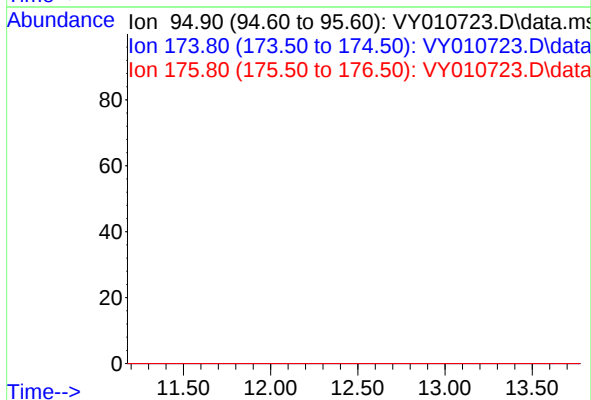
Tgt Ion: 43 Resp: 42
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#

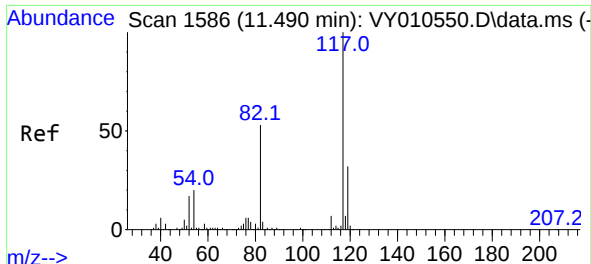


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY010723.D
Acq: 28 Sep 2022 17:44

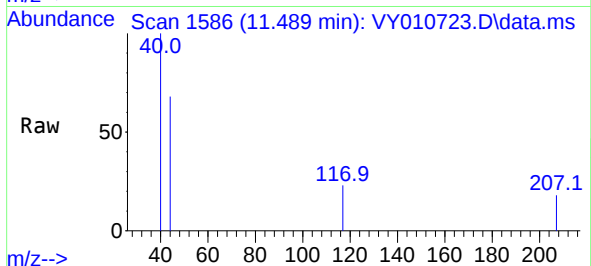
Tgt Ion: 95
Sig Exp Ratio
95 100
174 88.5
176 87.9



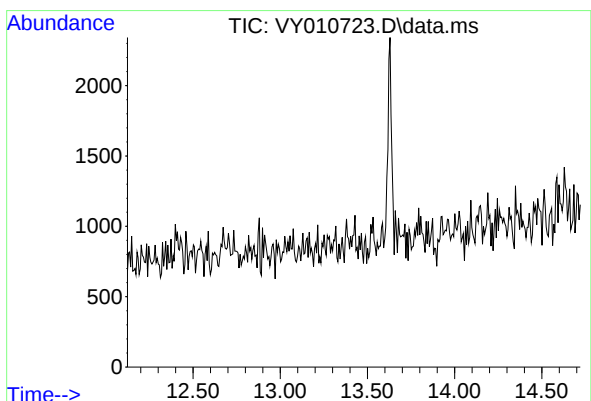
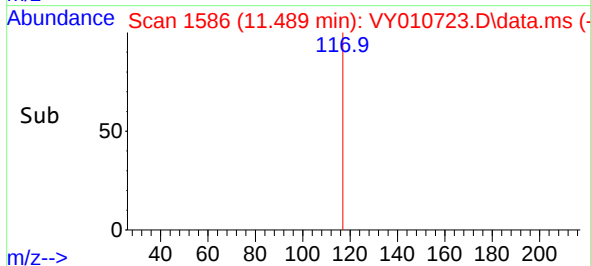
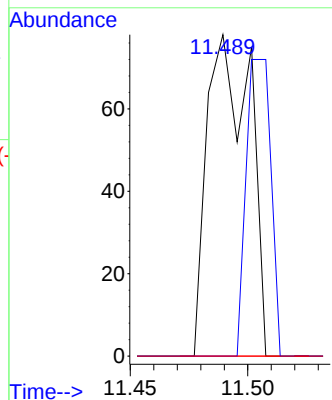


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010723.D
Acq: 28 Sep 2022 17:44

Instrument :
MSVOA_Y
ClientSampleId :
ROLL-OFF-349-ETGI



Tgt Ion:117 Resp: 98
Ion Ratio Lower Upper
117 100
82 0.0 43.0 64.4#
119 0.0 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.42 min

Lab File: VY010723.D
Acq: 28 Sep 2022 17:44

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 173.8

