

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
 Data File : VY012855.D
 Acq On : 07 Mar 2023 19:16
 Operator : KP/MD
 Sample : 01815-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-03032023RE

Quant Time: Mar 07 23:45:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

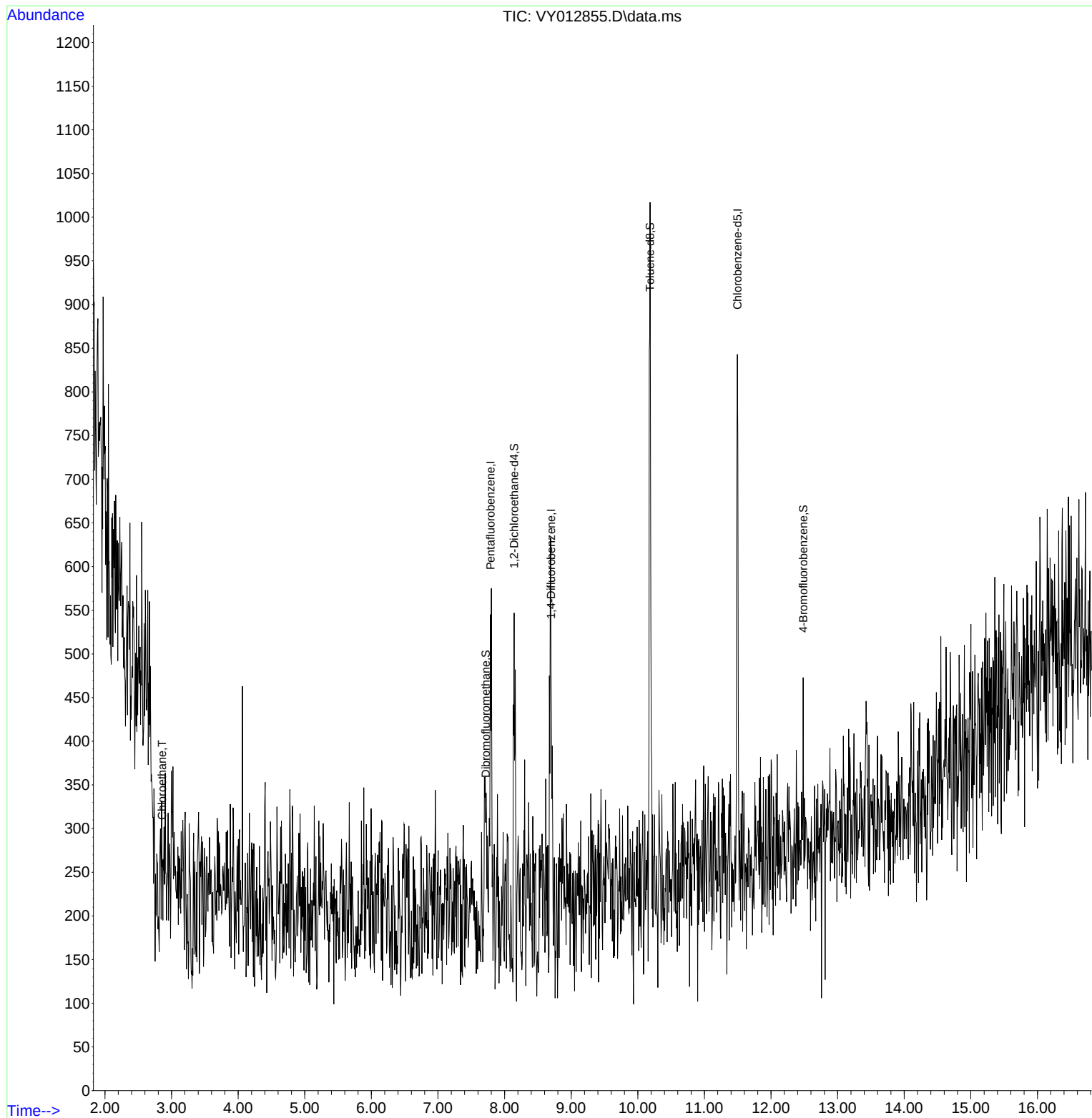
Internal Standards						
1) Pentafluorobenzene	7.789	168	419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	367	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	293	70.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.860%
35) Dibromofluoromethane	7.716	113	142	39.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.620%
50) Toluene-d8	10.185	98	602	46.169	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.340%
62) 4-Bromofluorobenzene	12.483	95	22	4.999	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.000%#
Target Compounds						Qvalue
6) Chloroethane	2.857	64	40	14.752	ug/l #	43

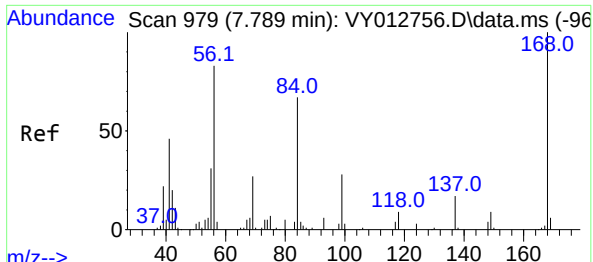
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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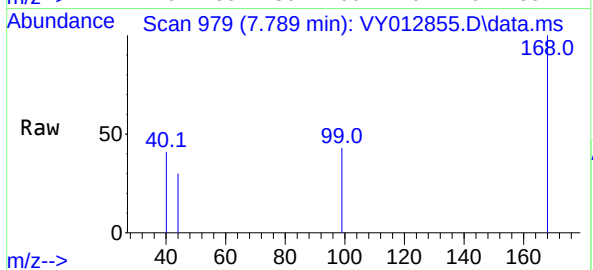
Quant Time: Mar 07 23:45:28 2023
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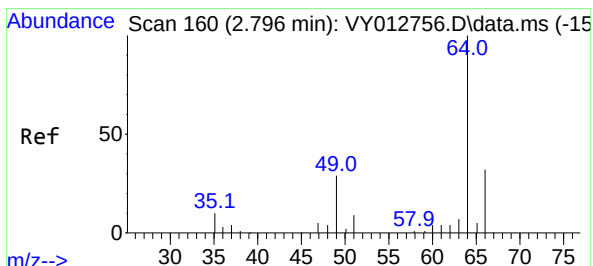
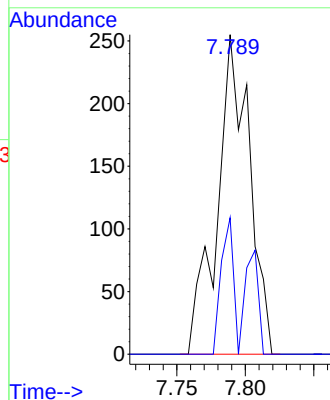
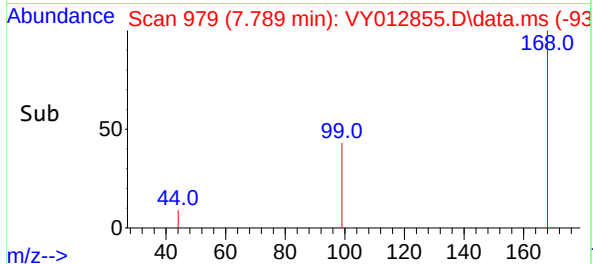


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012855.D
Acq: 07 Mar 2023 19:16

Instrument :
MSVOA_Y
ClientSampleId :
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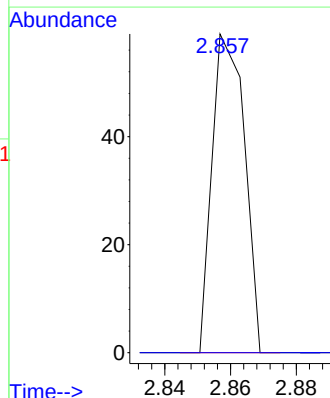
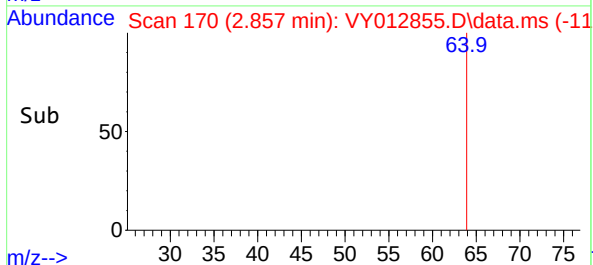
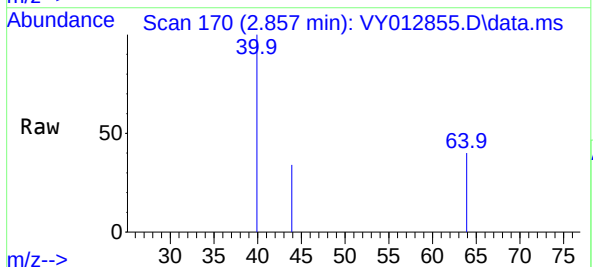


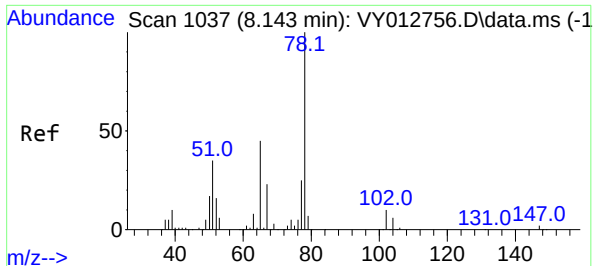
Tgt Ion:168 Resp: 419
Ion Ratio Lower Upper
168 100
99 42.7 41.7 62.5



#6
Chloroethane
Concen: 14.752 ug/l
RT: 2.857 min Scan# 170
Delta R.T. 0.061 min
Lab File: VY012855.D
Acq: 07 Mar 2023 19:16

Tgt Ion: 64 Resp: 40
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#





#33

1,2-Dichloroethane-d4

Concen: 70.431 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.001 min

Lab File: VY012855.D

Acq: 07 Mar 2023 19:16

Instrument :

MSVOA_Y

ClientSampleId :

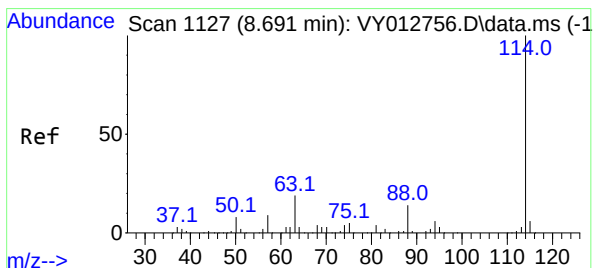
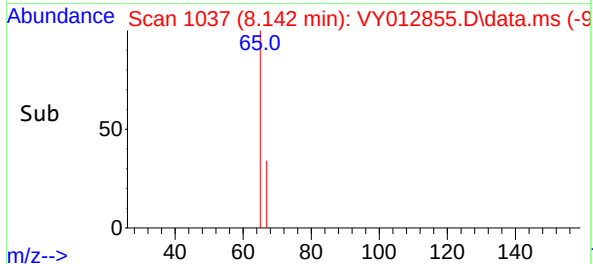
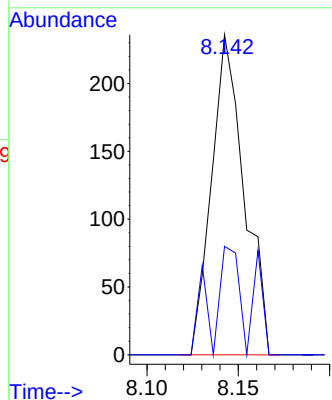
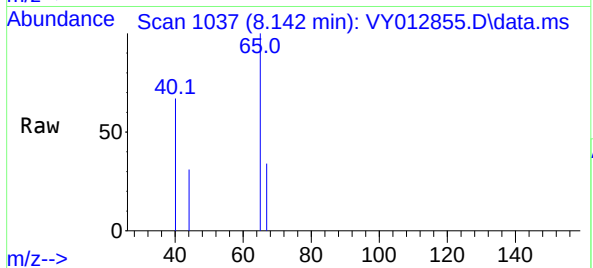
OK-01-03032023RE

Tgt Ion: 65 Resp: 293

Ion Ratio Lower Upper

65 100

67 37.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY012855.D

Acq: 07 Mar 2023 19:16

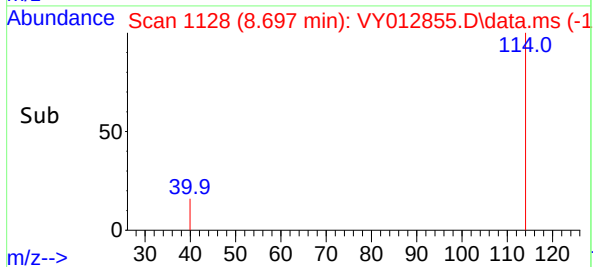
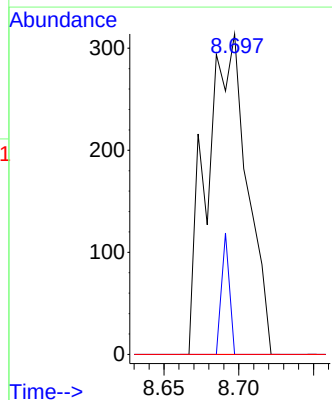
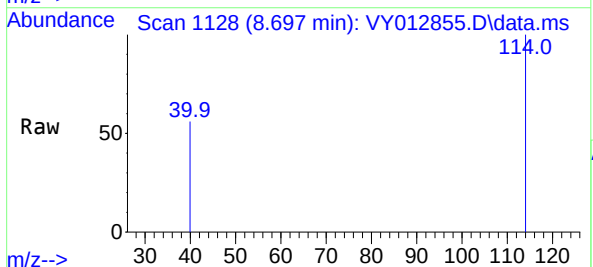
Tgt Ion: 114 Resp: 591

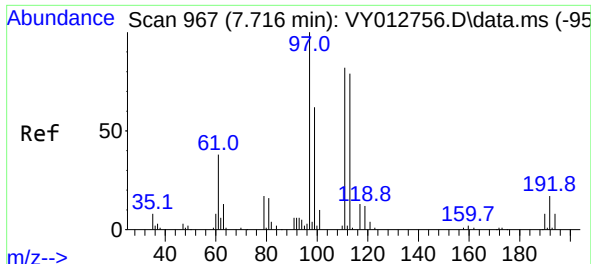
Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.4

88 0.0 0.0 28.6

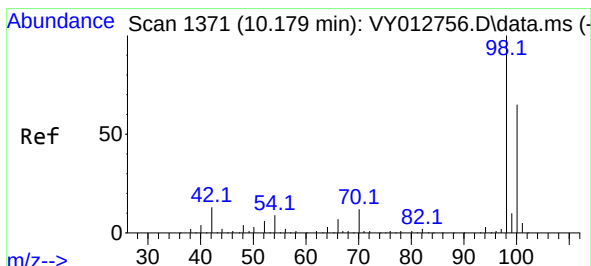
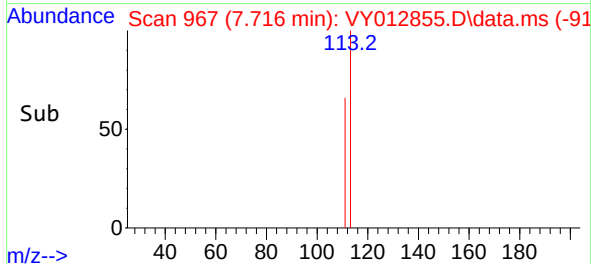
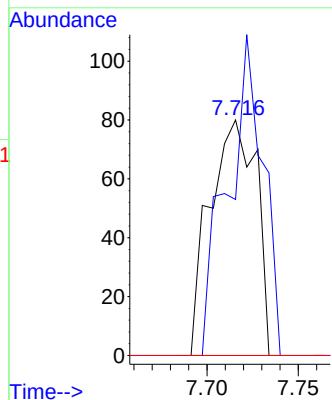
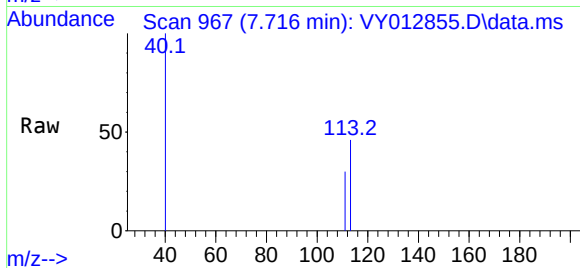




#35
Dibromofluoromethane
Concen: 39.813 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012855.D
Acq: 07 Mar 2023 19:16

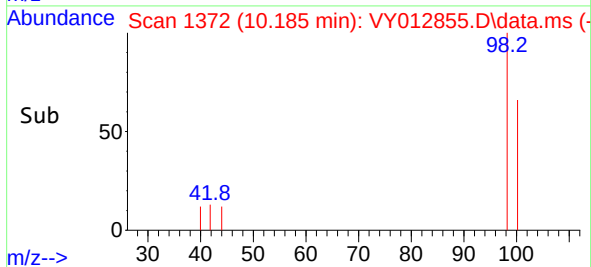
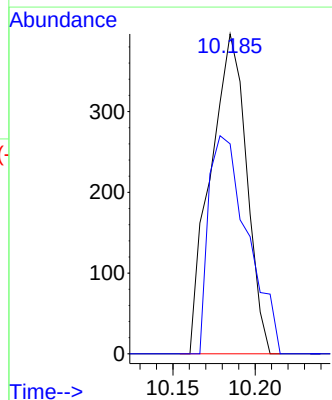
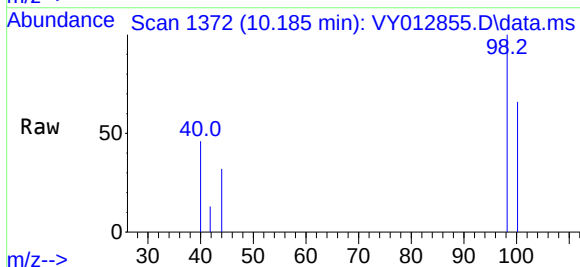
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-03032023RE

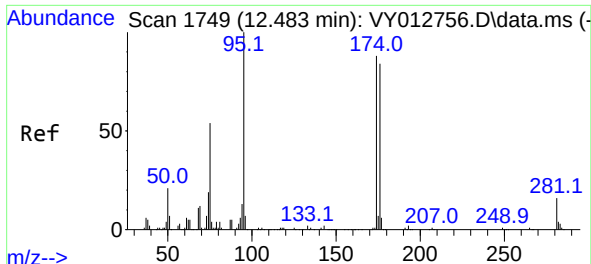
Tgt Ion:113 Resp: 142
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 0.0 16.8 25.2#



#50
Toluene-d8
Concen: 46.169 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012855.D
Acq: 07 Mar 2023 19:16

Tgt Ion: 98 Resp: 602
Ion Ratio Lower Upper
98 100
100 73.8 50.9 76.3

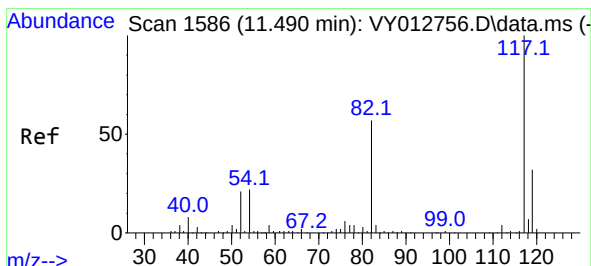
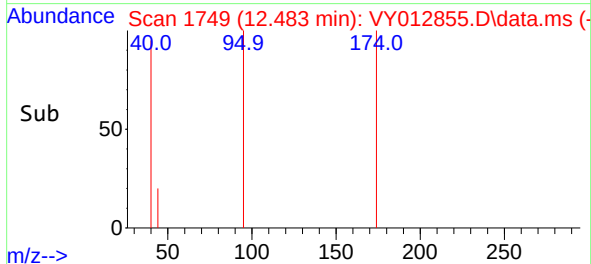
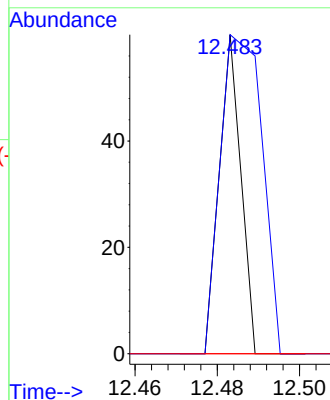
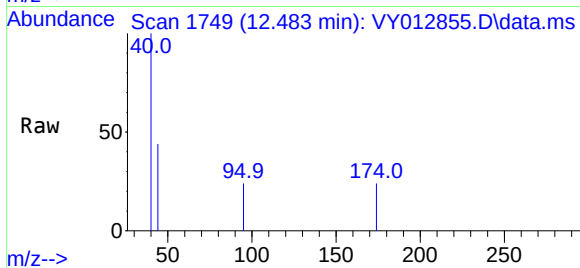




#62
4-Bromofluorobenzene
Concen: 4.999 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012855.D
Acq: 07 Mar 2023 19:16

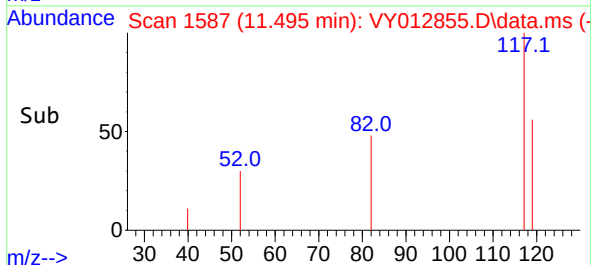
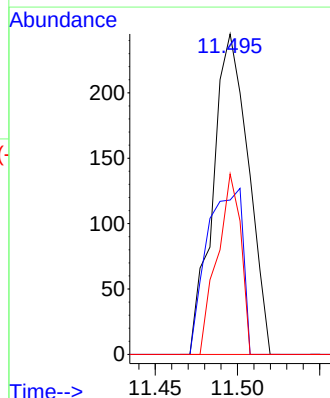
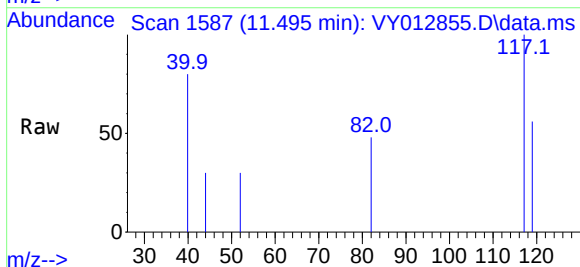
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-03032023RE

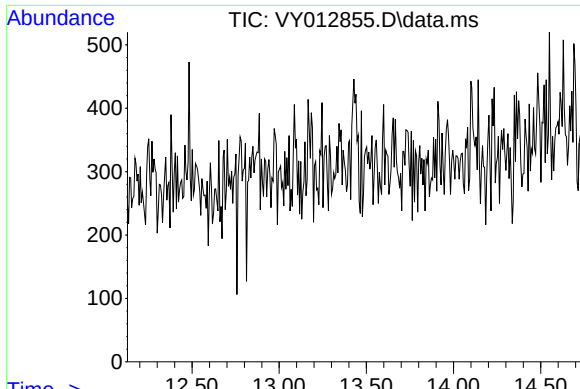
Tgt Ion:	95	Resp:	22
Ion	Ratio	Lower	Upper
95	100		
174	190.9	0.0	176.6#
176	0.0	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012855.D
Acq: 07 Mar 2023 19:16

Tgt Ion:	117	Resp:	367
Ion	Ratio	Lower	Upper
117	100		
82	48.2	45.4	68.0
119	56.3	25.6	38.4#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min
Lab File: VY012855.D
Acq: 07 Mar 2023 19:16

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-03032023RE

Tgt Ion: 152
Sig Exp Ratio
152 100
115 54.2
150 173.9

