

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019604.D
 Acq On : 18 Sep 2024 14:34
 Operator : SY/MD
 Sample : P4089-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 365-351-294

Quant Time: Sep 19 01:25:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

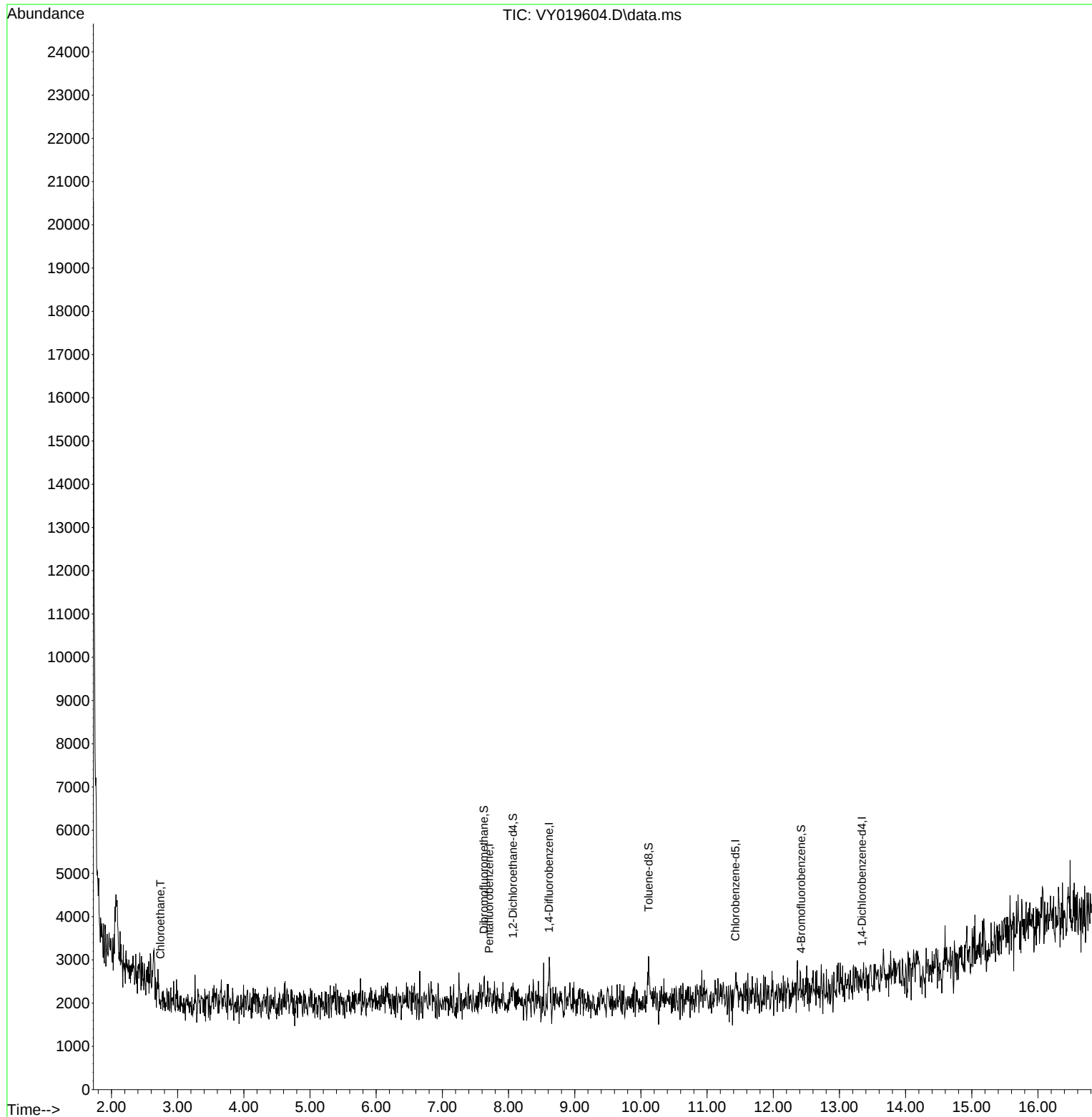
Internal Standards						
1) Pentafluorobenzene	7.707	168	331	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	315	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	27	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	400	130.506	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	261.020%#
35) Dibromofluoromethane	7.628	113	249	60.242	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.480%
50) Toluene-d8	10.115	98	549	35.910	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.820%
62) 4-Bromofluorobenzene	12.420	95	114	19.393	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	38.780%
Target Compounds						
					Qvalue	
6) Chloroethane	2.739	64	59	30.478	ug/l #	42

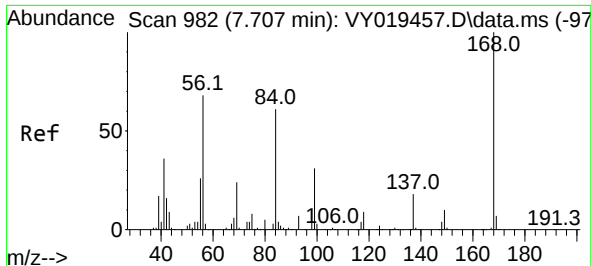
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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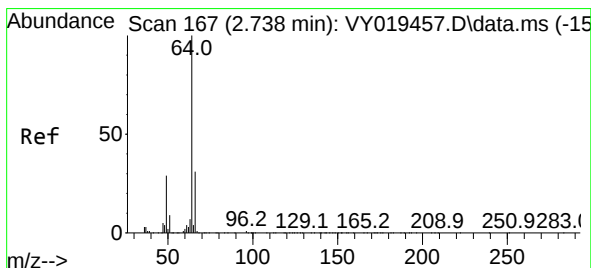
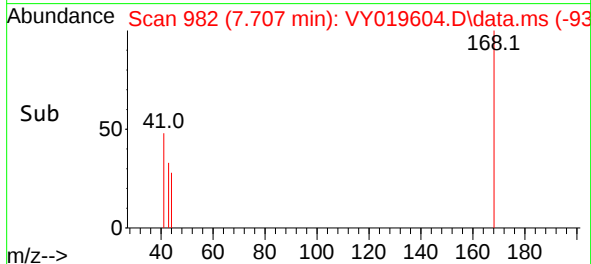
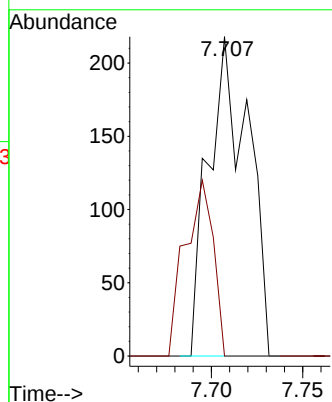
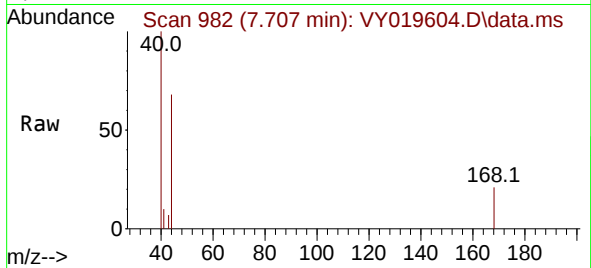




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

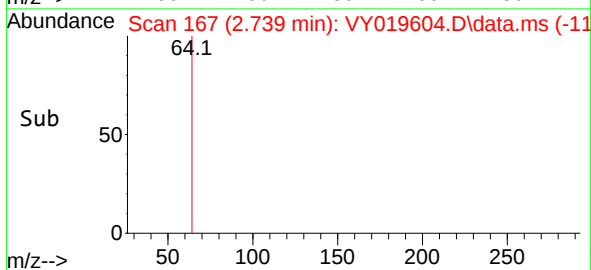
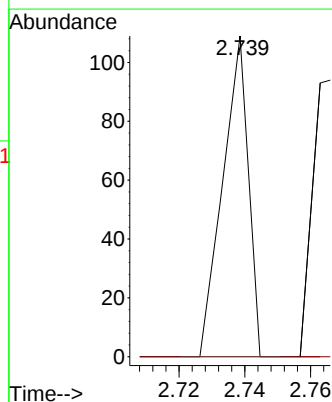
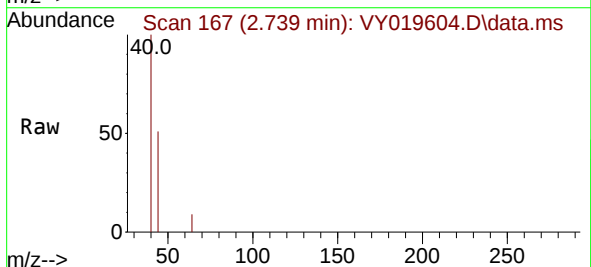
Instrument :
MSVOA_Y
ClientSampleId :
365-351-294

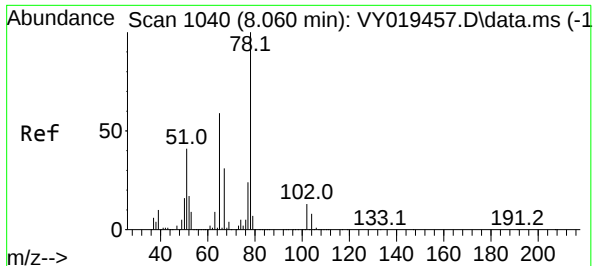
Tgt Ion:168 Resp: 331
Ion Ratio Lower Upper
168 100
99 0.0 39.1 58.7#



#6
Chloroethane
Concen: 30.478 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#





#33

1,2-Dichloroethane-d4

Concen: 130.506 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Instrument :

MSVOA_Y

ClientSampleId :

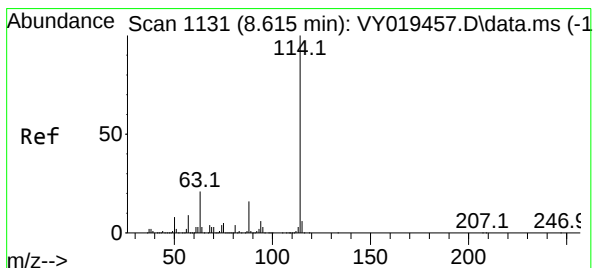
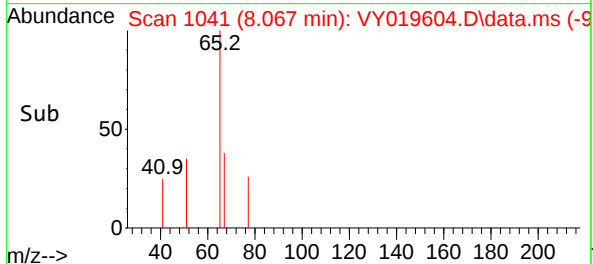
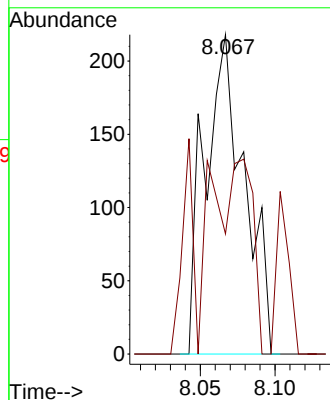
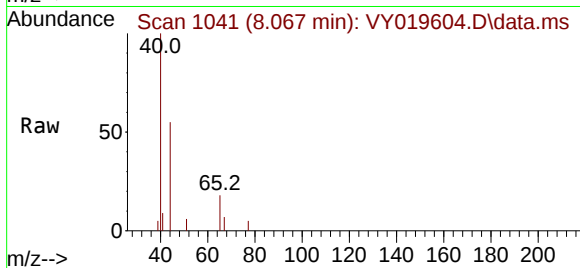
365-351-294

Tgt Ion: 65 Resp: 400

Ion Ratio Lower Upper

65 100

67 34.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

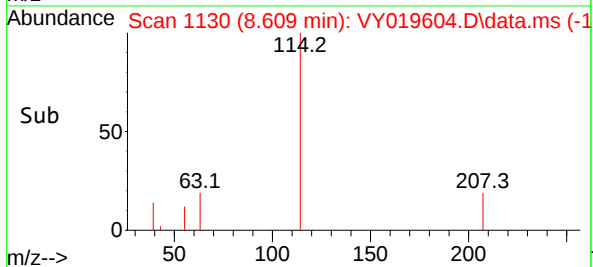
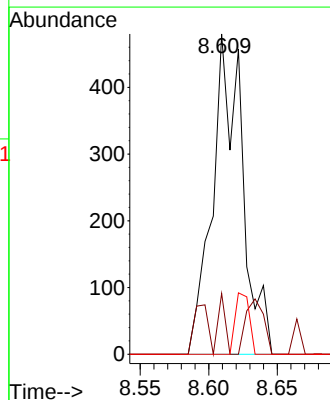
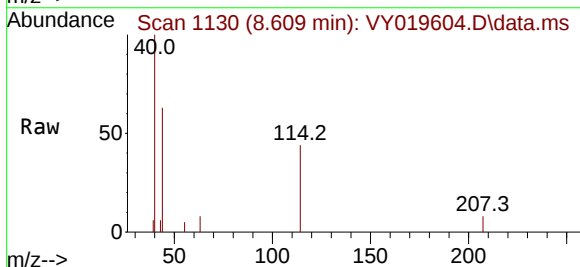
Tgt Ion: 114 Resp: 729

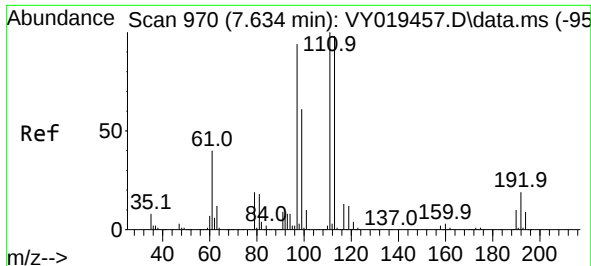
Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.0

88 0.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 60.242 ug/l

RT: 7.628 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY019604.D

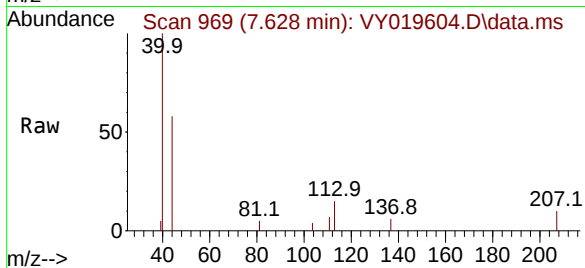
Acq: 18 Sep 2024 14:34

Instrument :

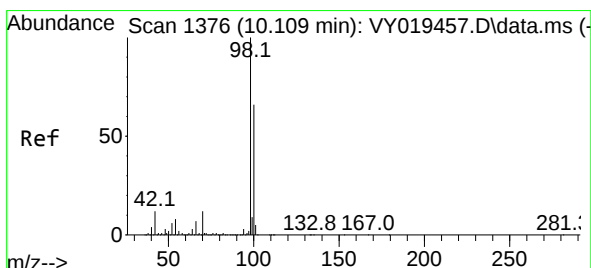
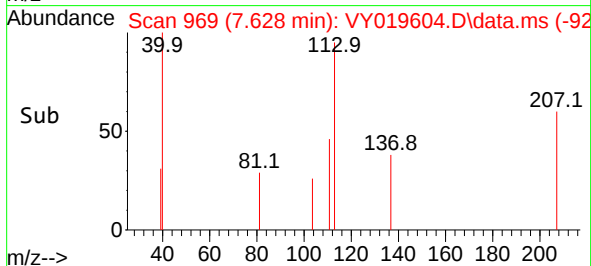
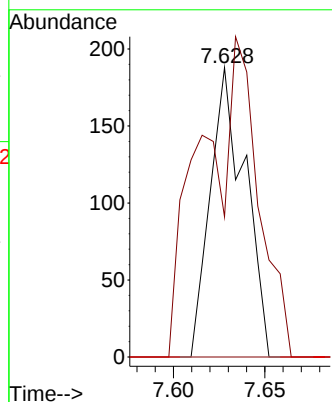
MSVOA_Y

ClientSampleId :

365-351-294



Tgt Ion:	113	Resp:	249
Ion	Ratio	Lower	Upper
113	100		
111	178.3	82.2	123.4#
192	0.0	15.9	23.9#



#50

Toluene-d8

Concen: 35.910 ug/l

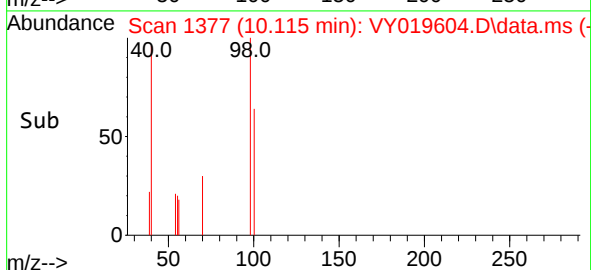
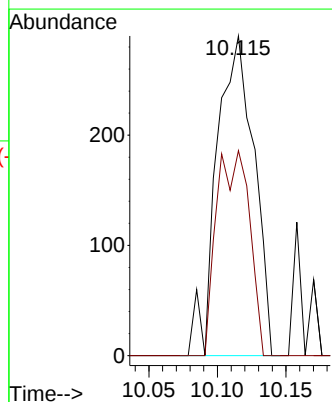
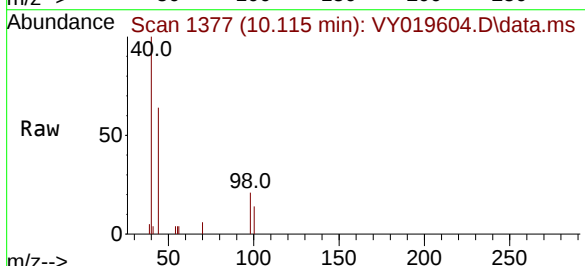
RT: 10.115 min Scan# 1377

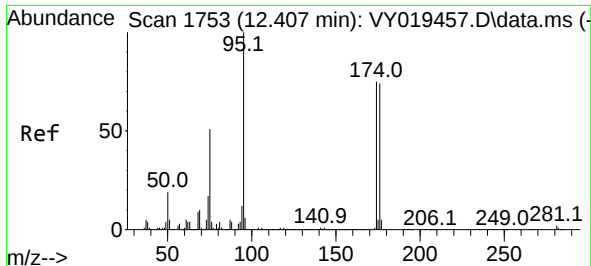
Delta R.T. 0.006 min

Lab File: VY019604.D

Acq: 18 Sep 2024 14:34

Tgt Ion:	98	Resp:	549
Ion	Ratio	Lower	Upper
98	100		
100	56.6	52.0	78.0

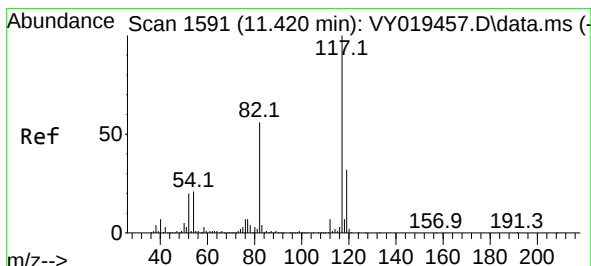
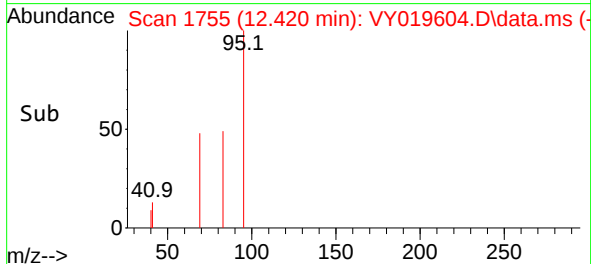
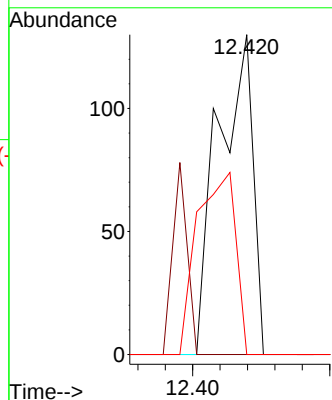
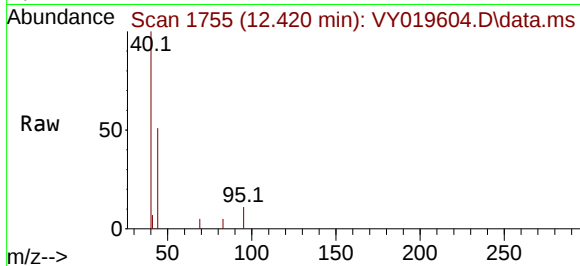




#62
4-Bromofluorobenzene
Concen: 19.393 ug/l
RT: 12.420 min Scan# 1114
Delta R.T. 0.012 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

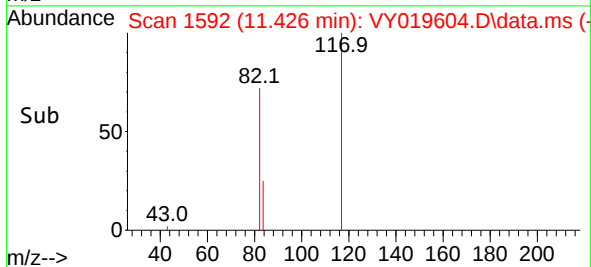
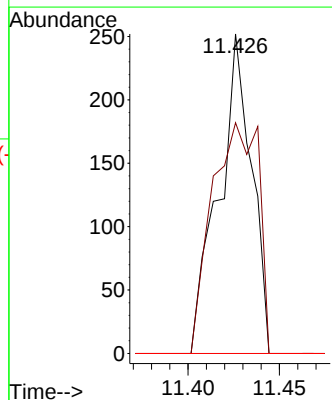
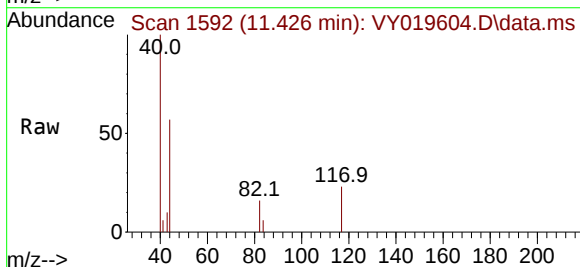
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ClientSampleId :
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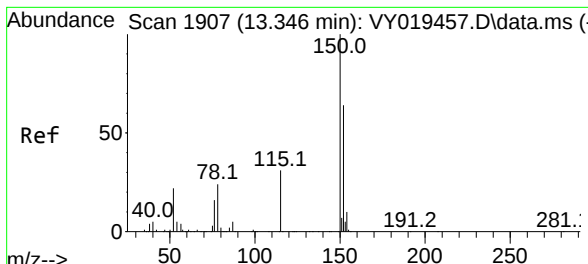
Tgt Ion:	95	Resp:	114
Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	175.6
176	63.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY019604.D
Acq: 18 Sep 2024 14:34

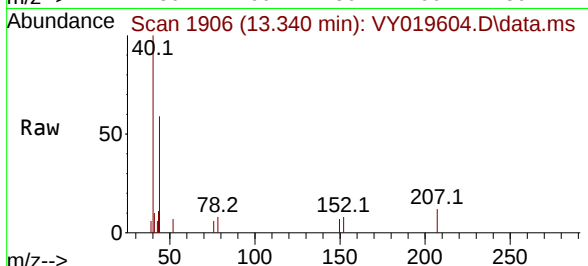
Tgt Ion:	117	Resp:	315
Ion	Ratio	Lower	Upper
117	100		
82	72.2	42.4	63.6#
119	0.0	25.9	38.9#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.340 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY019604.D
 Acq: 18 Sep 2024 14:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 365-351-294



Tgt Ion:	152	Resp:	27
Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.2	84.7#
150	988.9	0.0	345.6#

