

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014237.D
 Acq On : 19 Jun 2023 18:55
 Operator : KP/MD
 Sample : 03255-06RE
 Misc : 6.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-24-GRAB-7RE

Quant Time: Jun 20 05:00:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

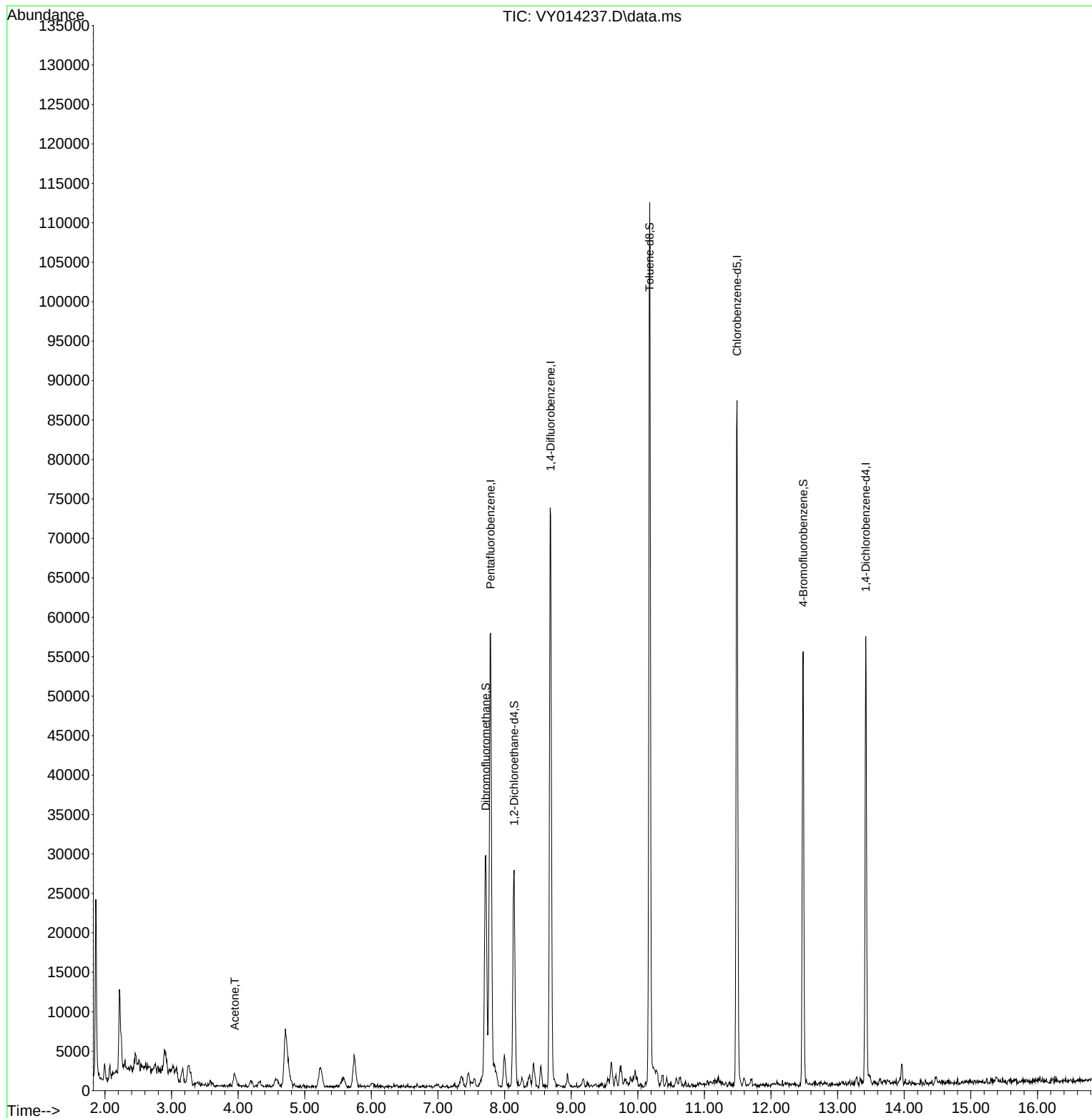
Internal Standards						
1) Pentafluorobenzene	7.789	168	43978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	61956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	48532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	22399	36.576	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.160%
35) Dibromofluoromethane	7.716	113	20413	46.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.920%
50) Toluene-d8	10.179	98	73648	44.835	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.660%
62) 4-Bromofluorobenzene	12.483	95	15313	26.242	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.480%
Target Compounds						
16) Acetone	3.948	43	2956	16.013	ug/l	Qvalue 98

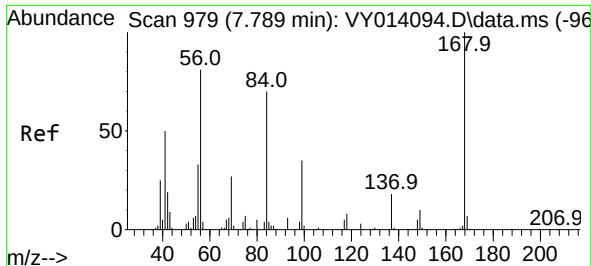
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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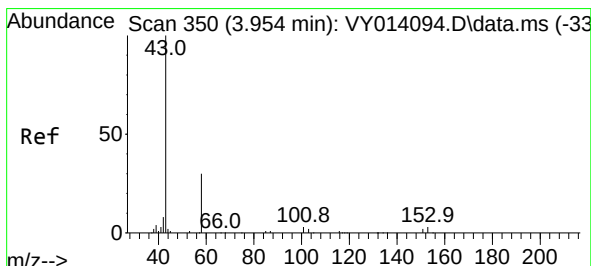
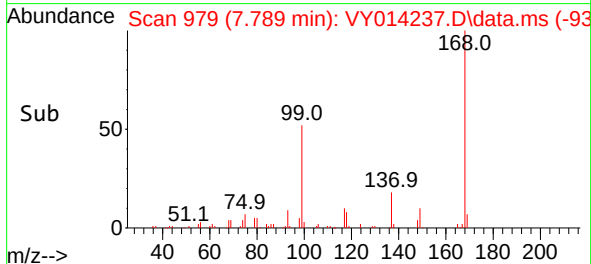
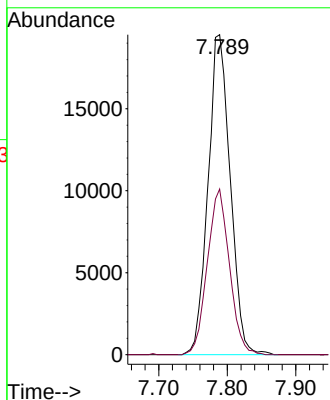
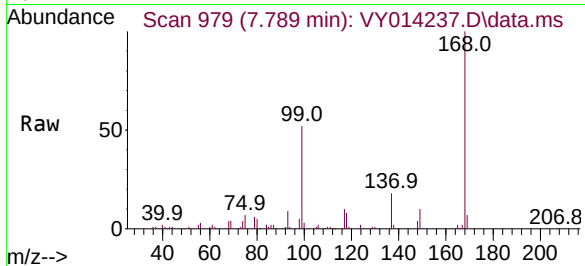




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

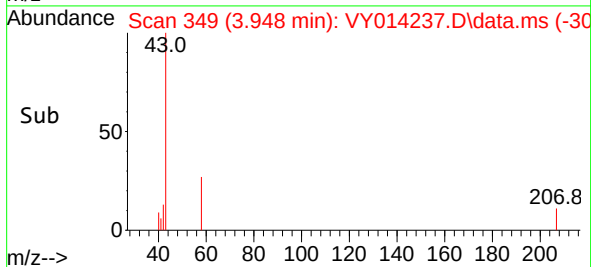
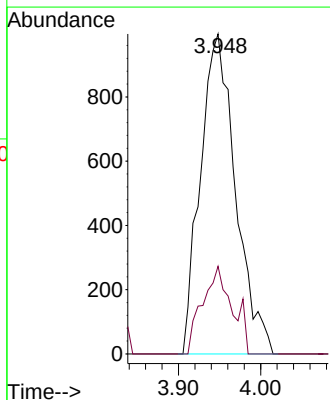
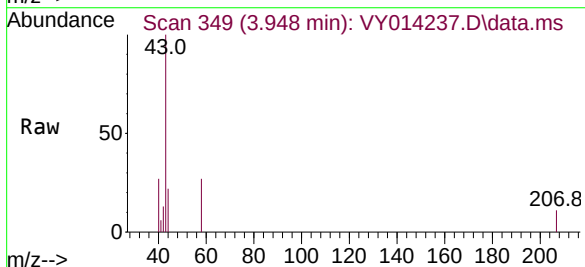
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-24-GRAB-7RE

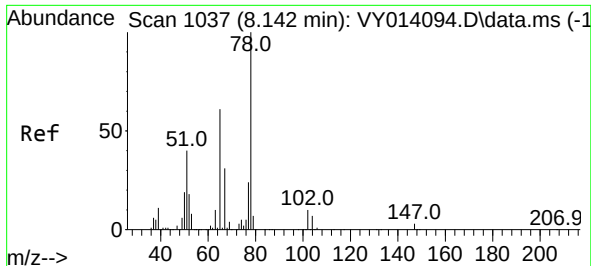
Tgt Ion:168 Resp: 43978
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.0



#16
Acetone
Concen: 16.013 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Tgt Ion: 43 Resp: 2956
Ion Ratio Lower Upper
43 100
58 27.4 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 36.576 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY014237.D

Acq: 19 Jun 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

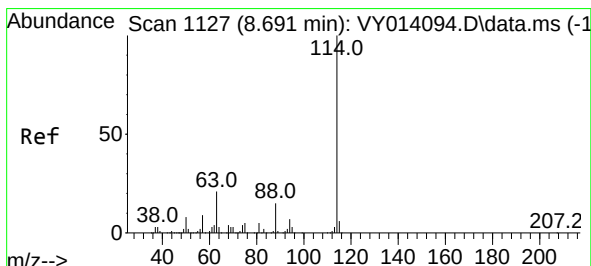
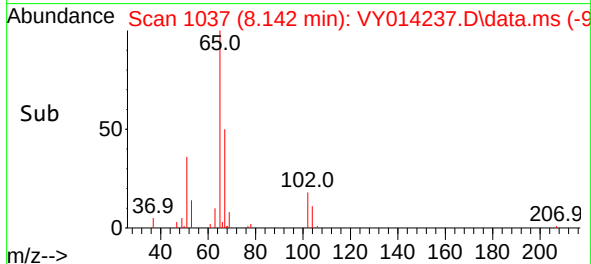
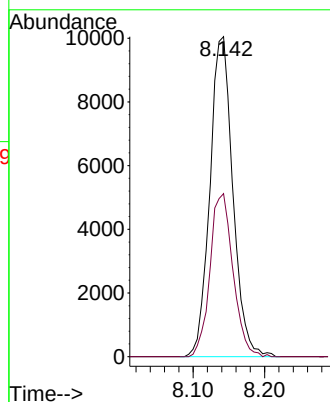
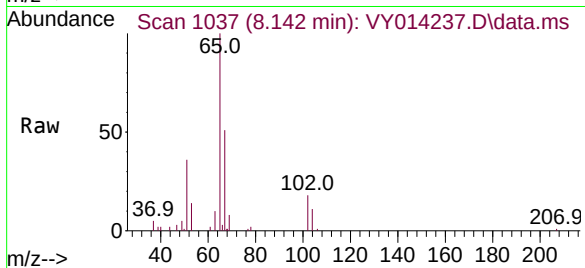
TOTAL-VOC-SB-24-GRAB-7RE

Tgt Ion: 65 Resp: 22399

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014237.D

Acq: 19 Jun 2023 18:55

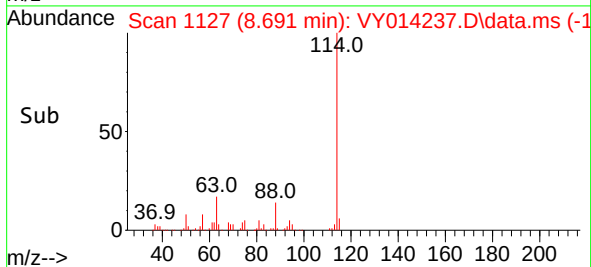
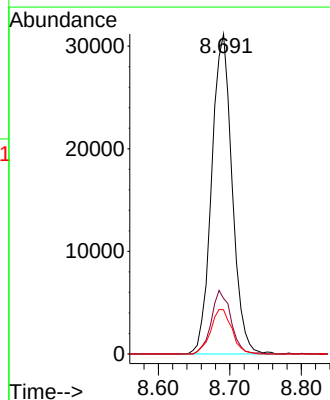
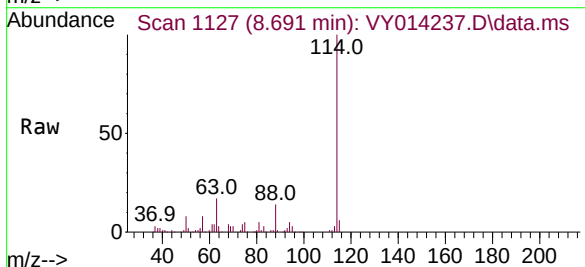
Tgt Ion: 114 Resp: 61956

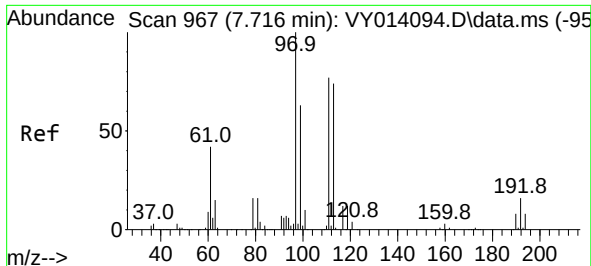
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 13.8 0.0 30.6

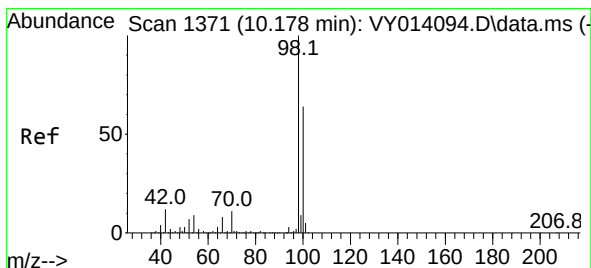
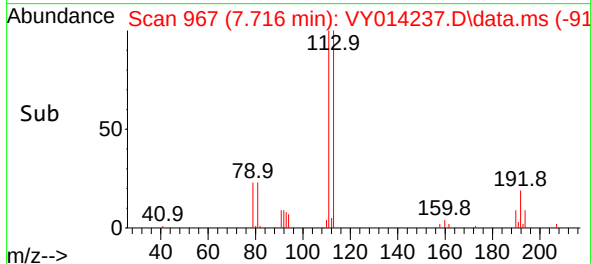
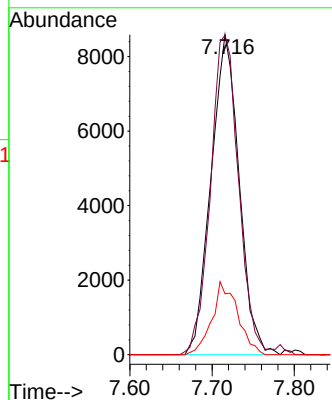
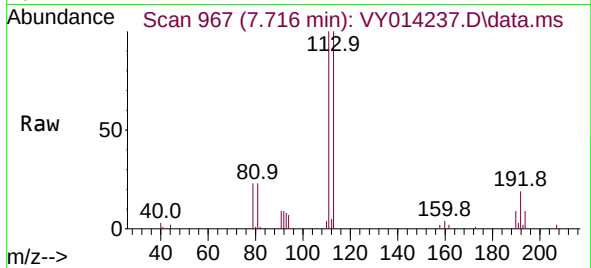




#35
Dibromofluoromethane
Concen: 46.459 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

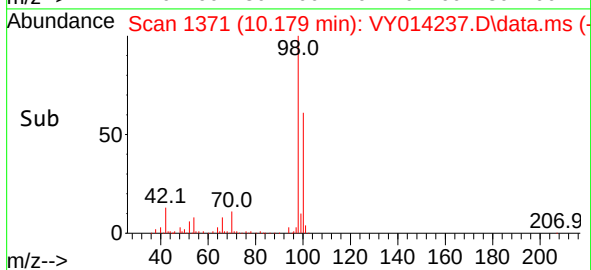
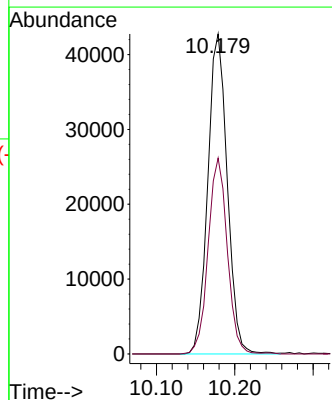
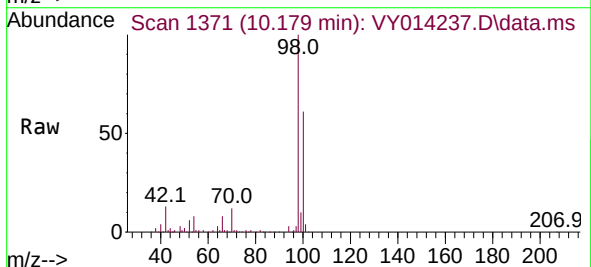
Instrument :
MSVOA_Y
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TOTAL-VOC-SB-24-GRAB-7RE

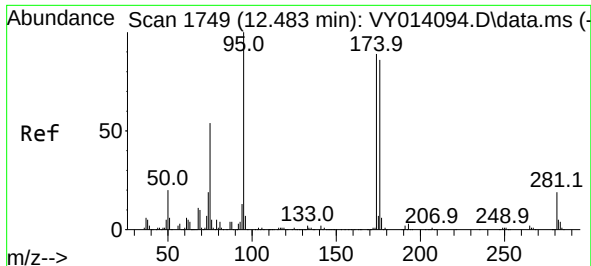
Tgt Ion:113 Resp: 20413
Ion Ratio Lower Upper
113 100
111 100.0 81.3 121.9
192 20.9 16.9 25.3



#50
Toluene-d8
Concen: 44.835 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Tgt Ion: 98 Resp: 73648
Ion Ratio Lower Upper
98 100
100 60.2 50.1 75.1

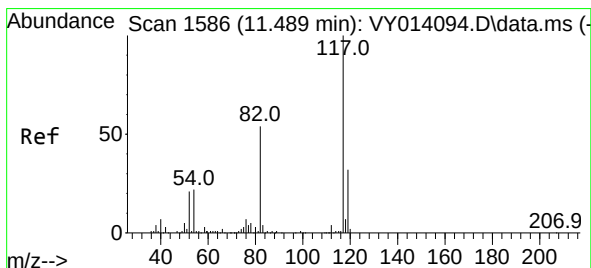
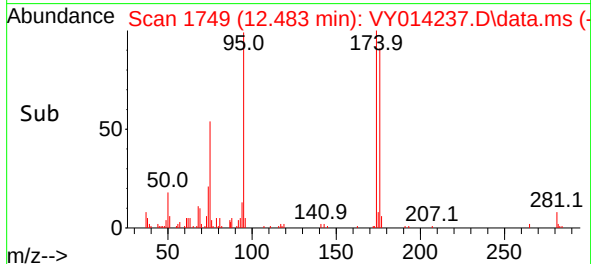
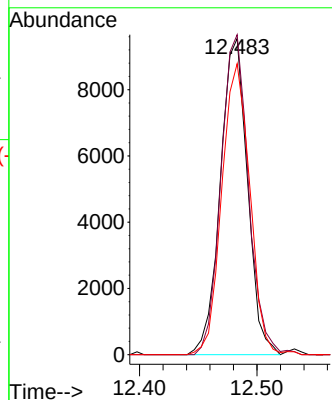
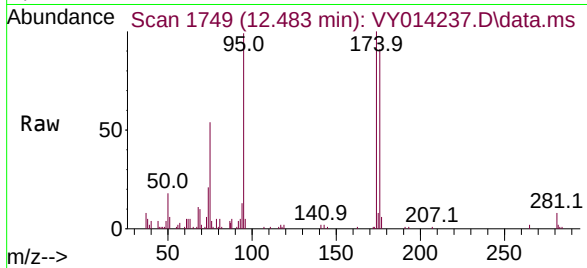




#62
4-Bromofluorobenzene
Concen: 26.242 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

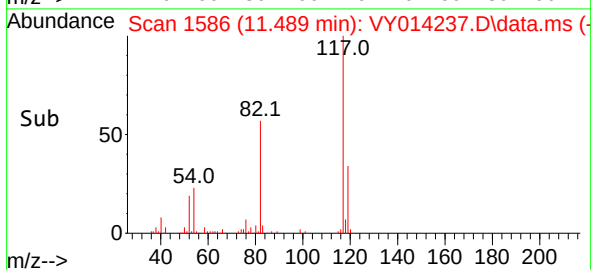
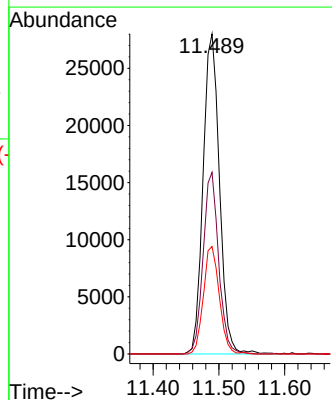
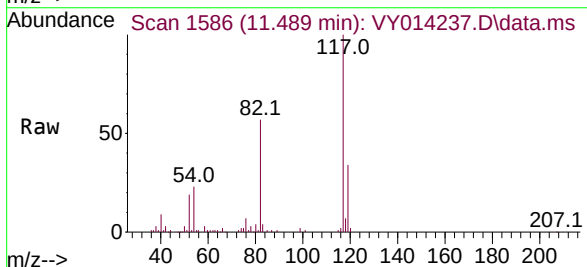
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MSVOA_Y
ClientSampleId :
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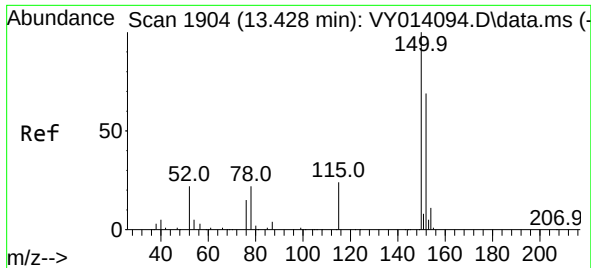
Tgt Ion: 95 Resp: 15313
Ion Ratio Lower Upper
95 100
174 102.8 0.0 178.2
176 94.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014237.D
Acq: 19 Jun 2023 18:55

Tgt Ion: 117 Resp: 48532
Ion Ratio Lower Upper
117 100
82 56.7 43.4 65.0
119 33.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014237.D

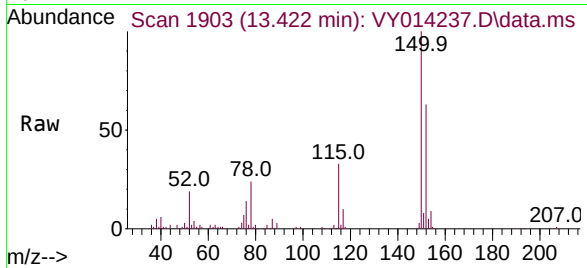
Acq: 19 Jun 2023 18:55

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 14513

Ion Ratio Lower Upper

152 100

115 55.5 28.8 86.5

150 167.2 0.0 348.8

