

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014322.D
 Acq On : 21 Jun 2023 07:31
 Operator : KP/MD
 Sample : 03329-18
 Misc : 7.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW01-0-8-GRAB-7

Quant Time: Jun 21 07:48:42 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)

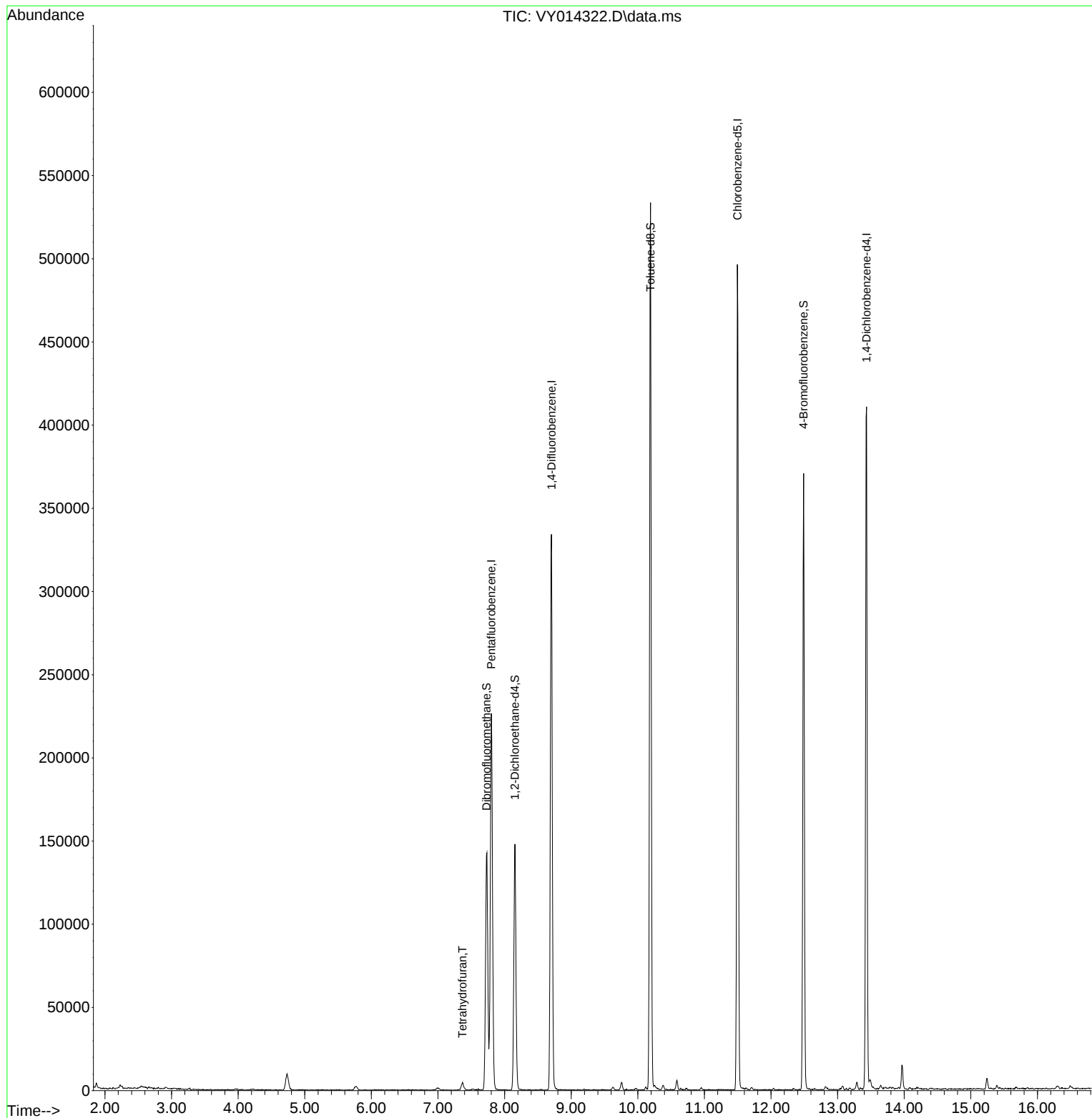
Internal Standards						
1) Pentafluorobenzene	7.801	168	175992	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	283426	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	265721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	110809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	122116	49.829	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.660%
35) Dibromofluoromethane	7.728	113	96487	48.004	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.000%
50) Toluene-d8	10.191	98	347527	46.247	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.500%
62) 4-Bromofluorobenzene	12.489	95	101467	38.011	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.020%
Target Compounds						
29) Tetrahydrofuran	7.368	42	3325	5.766	ug/l	Qvalue 93

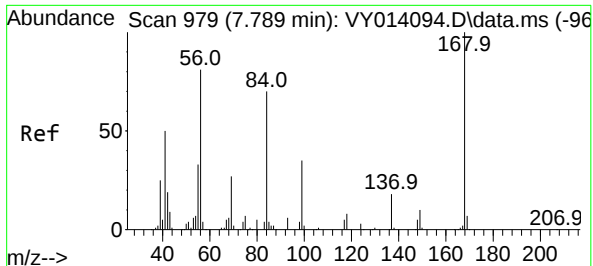
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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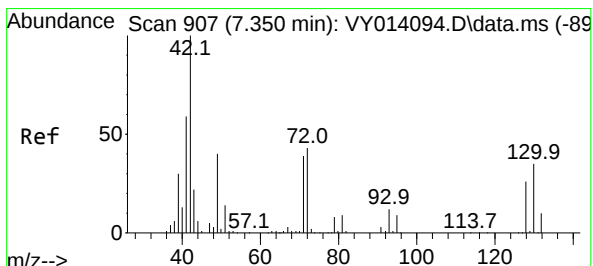
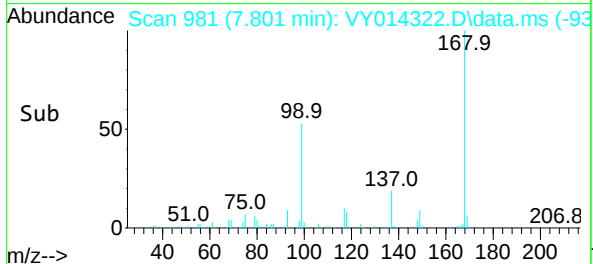
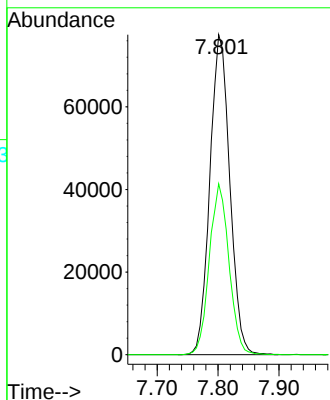
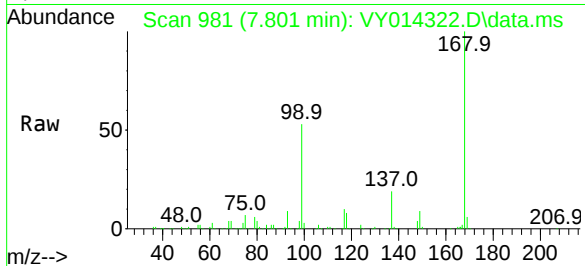




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY014322.D
Acq: 21 Jun 2023 07:31

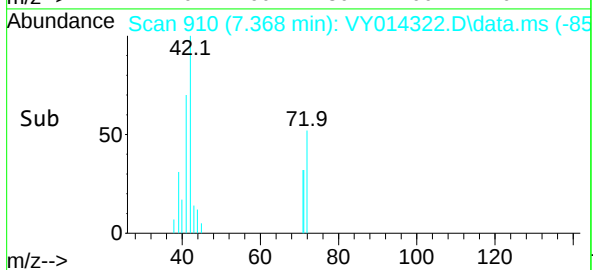
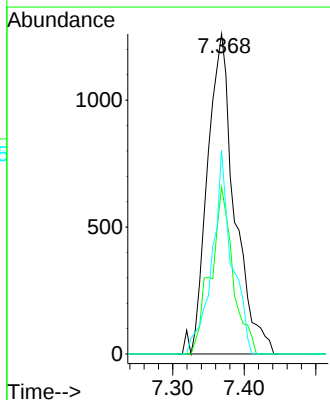
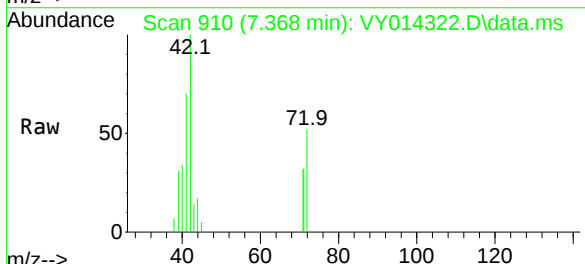
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-0-8-GRAB-7

Tgt Ion:168 Resp: 175992
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#29
Tetrahydrofuran
Concen: 5.766 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY014322.D
Acq: 21 Jun 2023 07:31

Tgt Ion: 42 Resp: 3325
Ion Ratio Lower Upper
42 100
72 42.8 32.8 49.2
71 46.2 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 49.829 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY014322.D

Acq: 21 Jun 2023 07:31

Instrument :

MSVOA_Y

ClientSampleId :

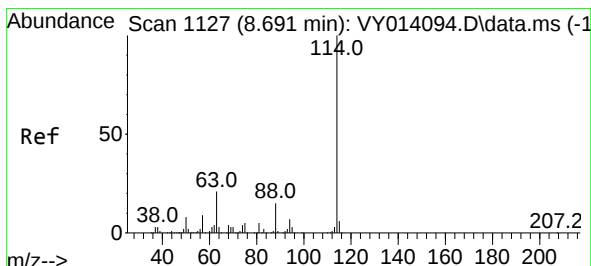
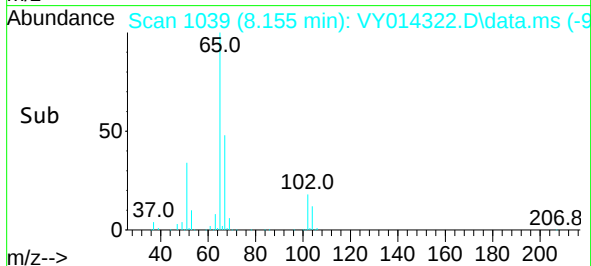
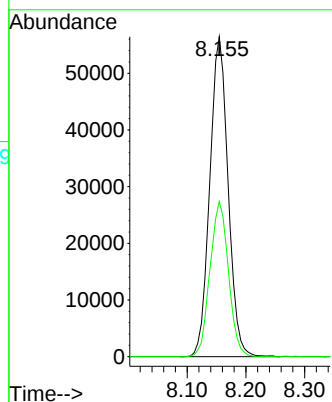
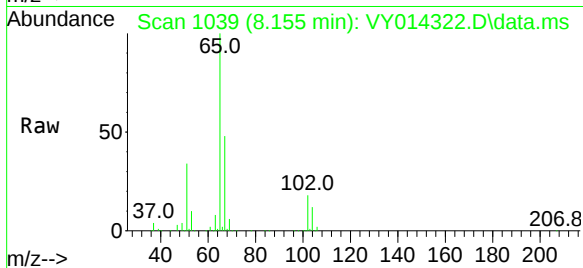
TOTAL-VOC-SW01-0-8-GRAB-7

Tgt Ion: 65 Resp: 122116

Ion Ratio Lower Upper

65 100

67 48.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY014322.D

Acq: 21 Jun 2023 07:31

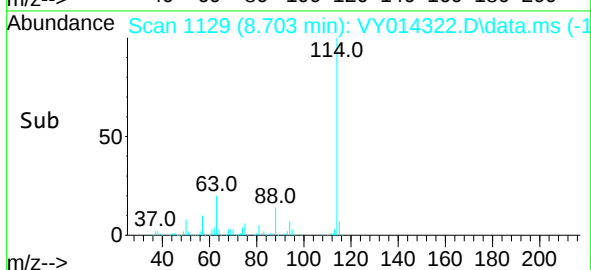
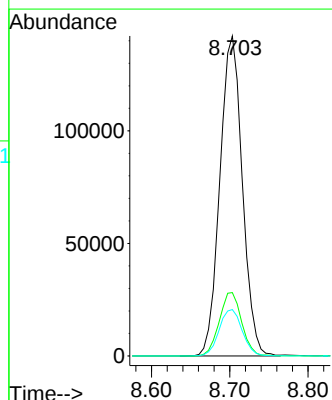
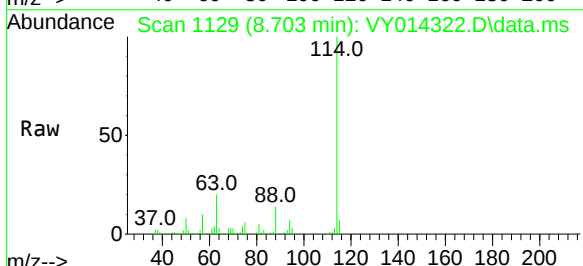
Tgt Ion: 114 Resp: 283426

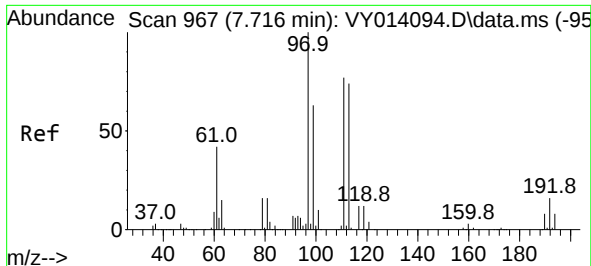
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.004 ug/l

RT: 7.728 min Scan# 967

Delta R.T. 0.012 min

Lab File: VY014322.D

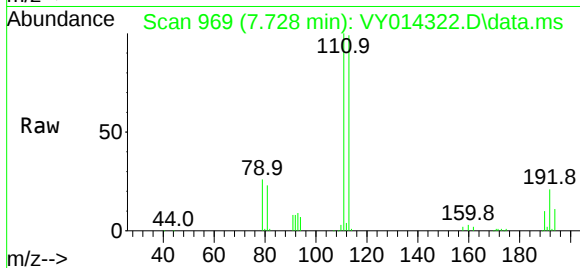
Acq: 21 Jun 2023 07:31

Instrument :

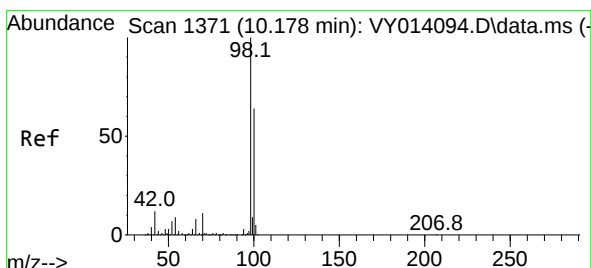
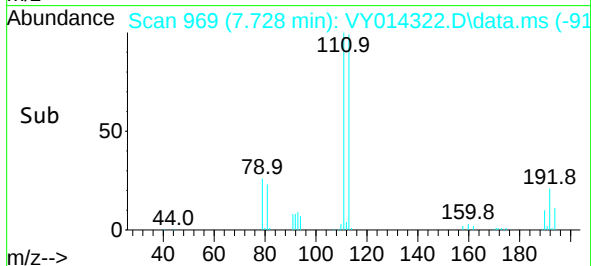
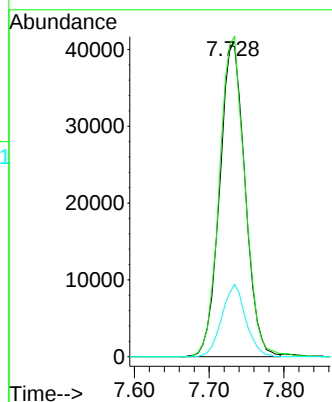
MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW01-0-8-GRAB-7



Tgt Ion:	113	Resp:	96487
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.3	121.9
192	21.7	16.9	25.3



#50

Toluene-d8

Concen: 46.247 ug/l

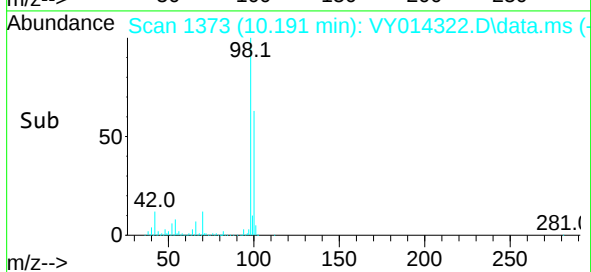
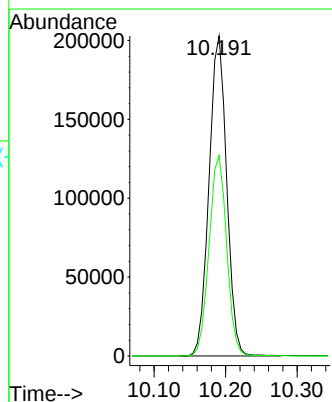
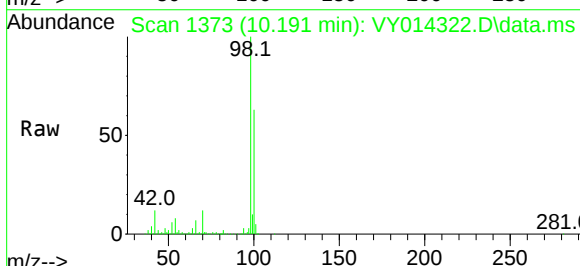
RT: 10.191 min Scan# 1373

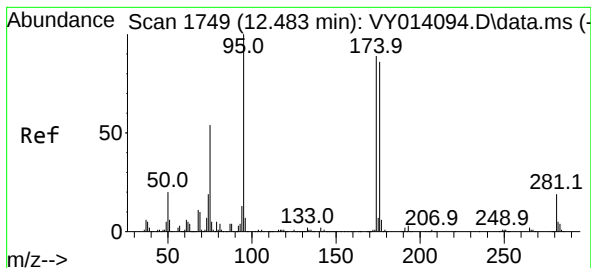
Delta R.T. 0.013 min

Lab File: VY014322.D

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Tgt Ion:	98	Resp:	347527
Ion Ratio	Lower	Upper	
98	100		
100	62.6	50.1	75.1

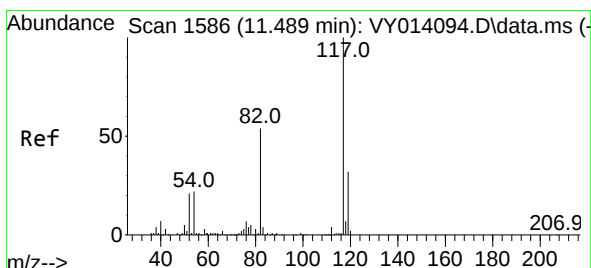
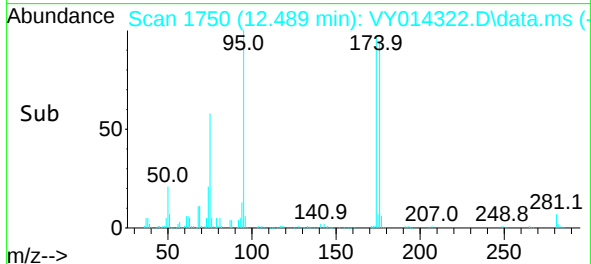
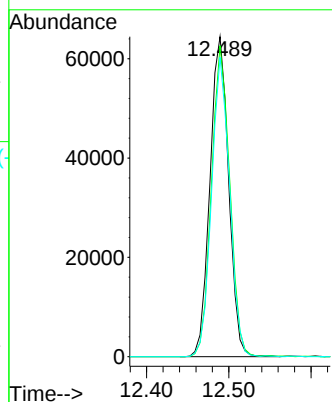
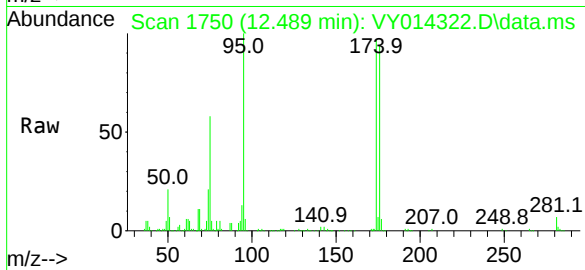




#62
4-Bromofluorobenzene
Concen: 38.011 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014322.D
Acq: 21 Jun 2023 07:31

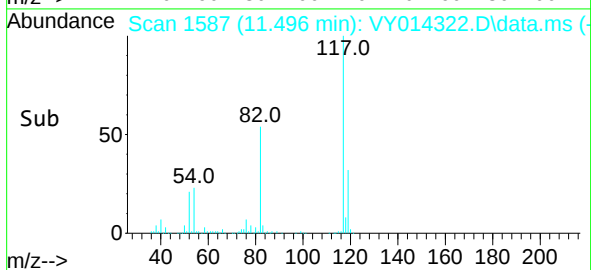
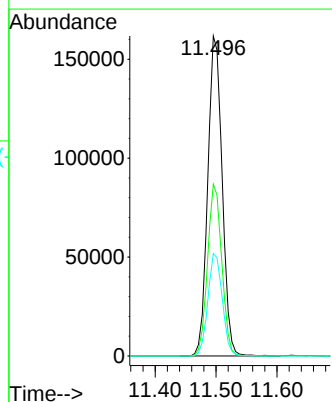
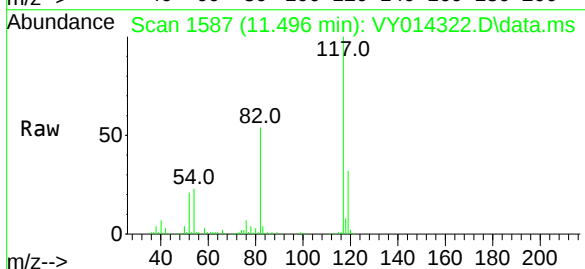
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TOTAL-VOC-SW01-0-8-GRAB-7

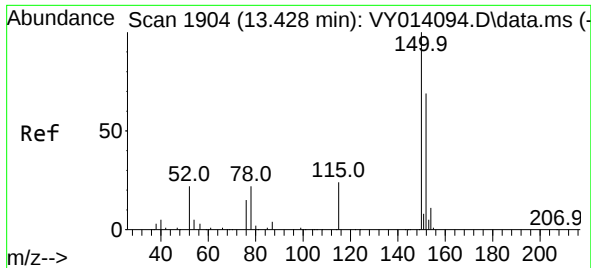
Tgt Ion: 95 Resp: 101467
Ion Ratio Lower Upper
95 100
174 95.1 0.0 178.2
176 90.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014322.D
Acq: 21 Jun 2023 07:31

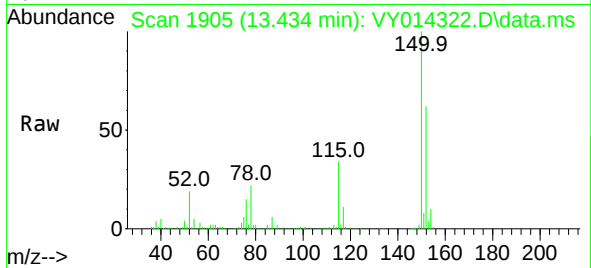
Tgt Ion: 117 Resp: 265721
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY014322.D
 Acq: 21 Jun 2023 07:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW01-0-8-GRAB-7



Tgt Ion:152 Resp: 110809
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.8 86.5
 150 158.3 0.0 348.8

