

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014318.D
 Acq On : 21 Jun 2023 05:57
 Operator : KP/MD
 Sample : 03329-06
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW03-0-8-GRAB-7

Quant Time: Jun 21 06:21:36 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)

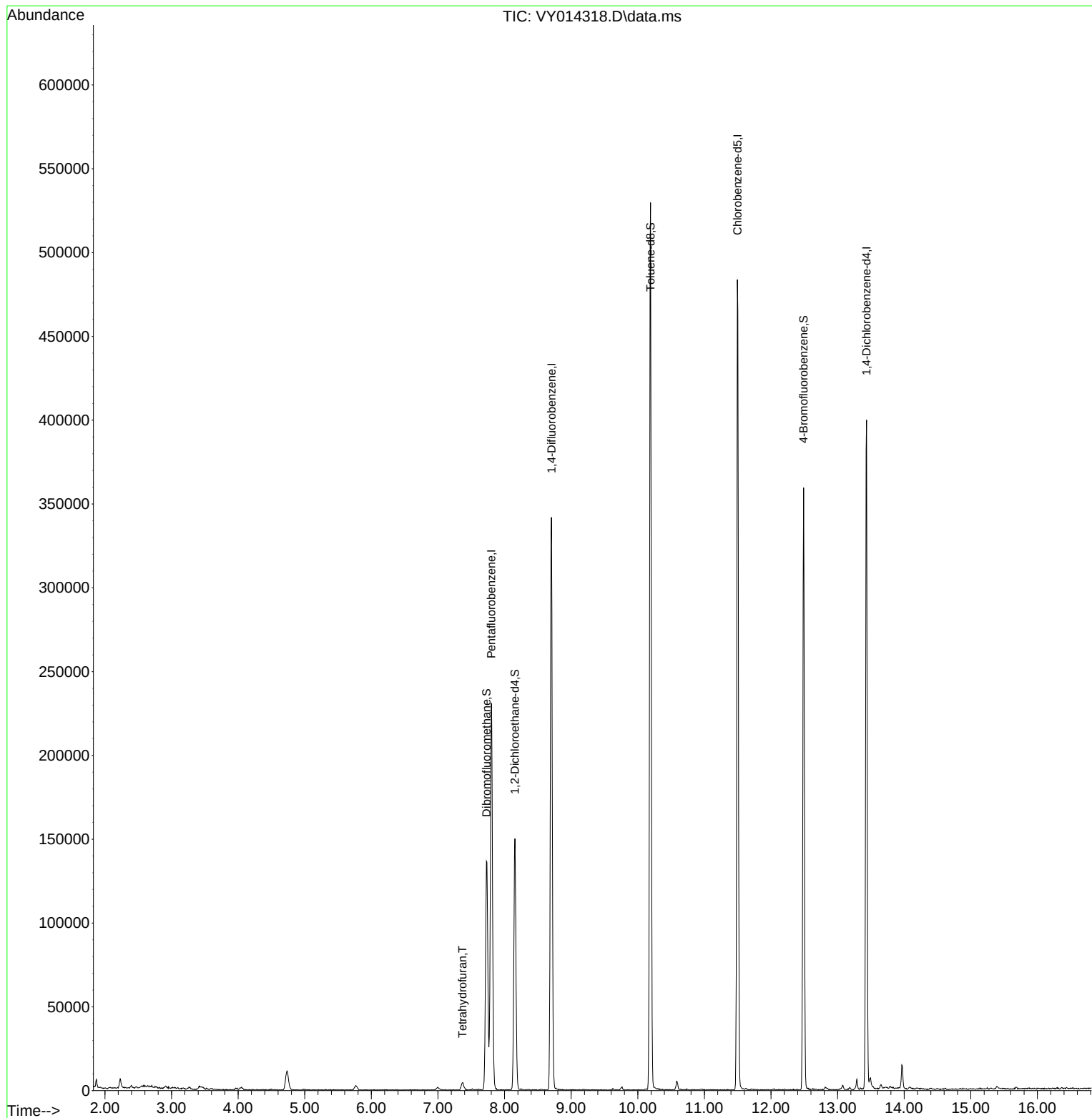
Internal Standards						
1) Pentafluorobenzene	7.801	168	178820	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	285575	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	260632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	105648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	124355	49.940	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.880%
35) Dibromofluoromethane	7.728	113	96258	47.529	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.060%
50) Toluene-d8	10.191	98	345319	45.608	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.489	95	99641	37.046	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.100%
Target Compounds						
29) Tetrahydrofuran	7.368	42	3553	6.064	ug/l	94

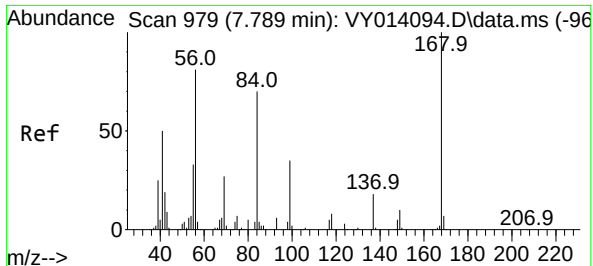
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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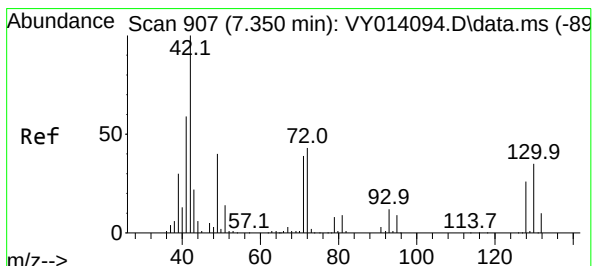
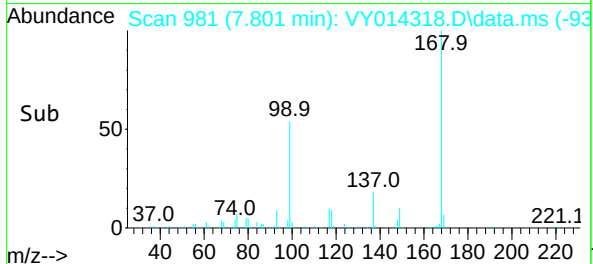
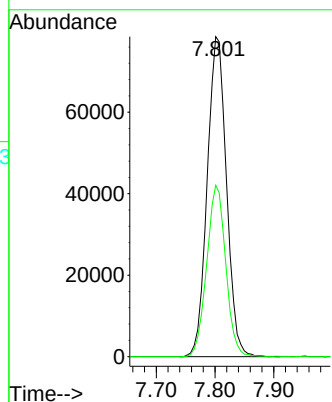
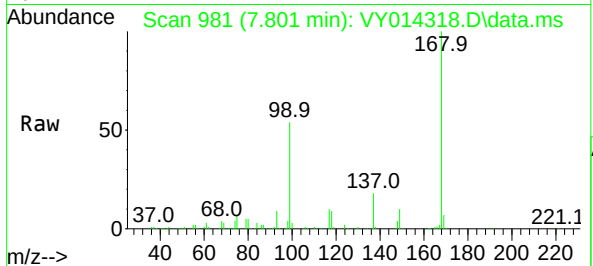




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY014318.D
Acq: 21 Jun 2023 05:57

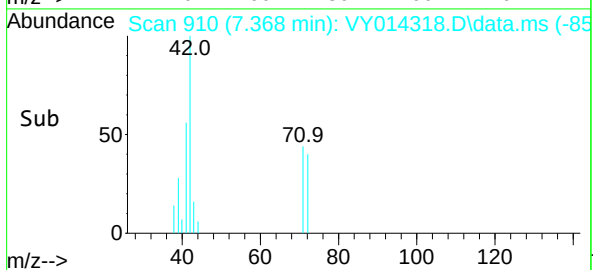
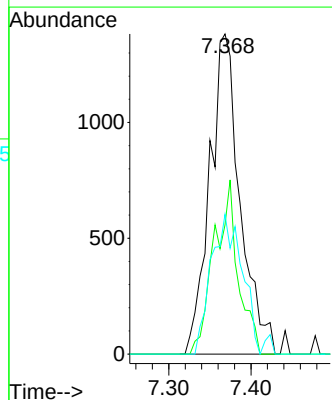
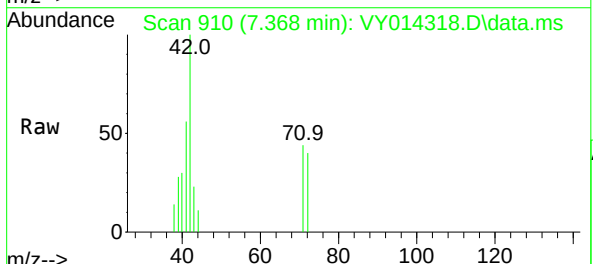
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW03-0-8-GRAB-7

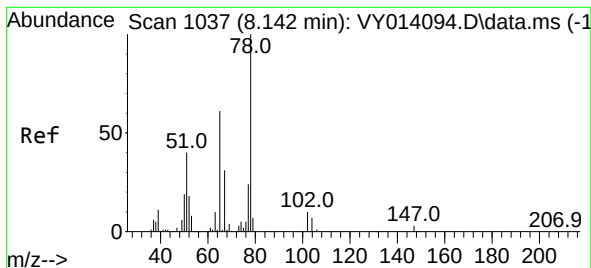
Tgt Ion:168 Resp: 178820
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.064 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.018 min
Lab File: VY014318.D
Acq: 21 Jun 2023 05:57

Tgt Ion: 42 Resp: 3553
Ion Ratio Lower Upper
42 100
72 43.1 32.8 49.2
71 44.4 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 49.940 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY014318.D

Acq: 21 Jun 2023 05:57

Instrument :

MSVOA_Y

ClientSampleId :

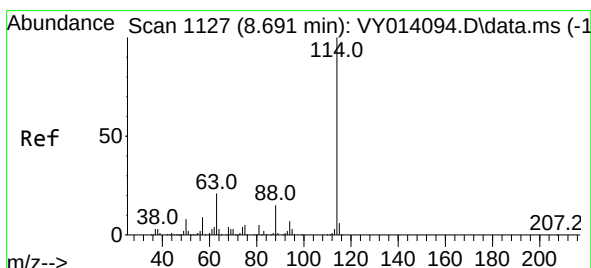
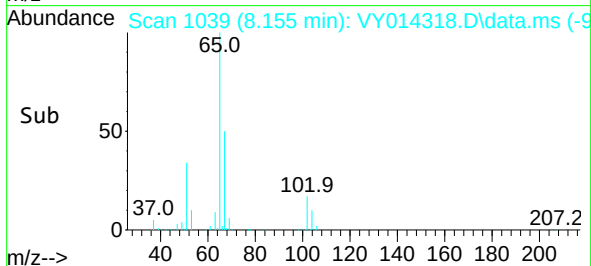
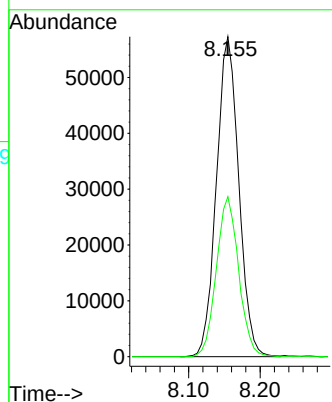
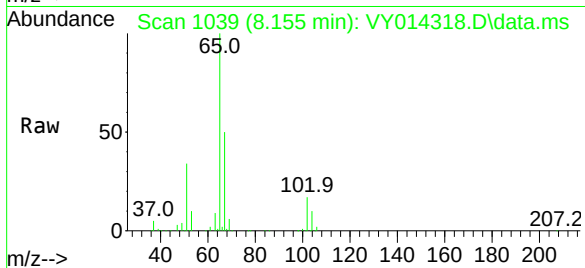
TOTAL-VOC-SW03-0-8-GRAB-7

Tgt Ion: 65 Resp: 124355

Ion Ratio Lower Upper

65 100

67 49.8 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: VY014318.D

Acq: 21 Jun 2023 05:57

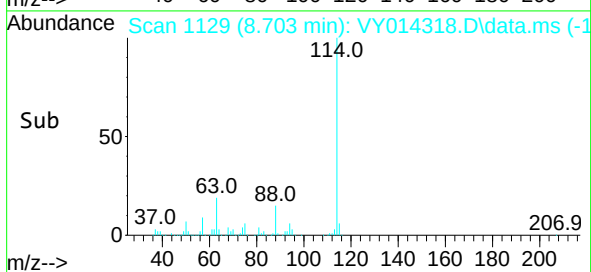
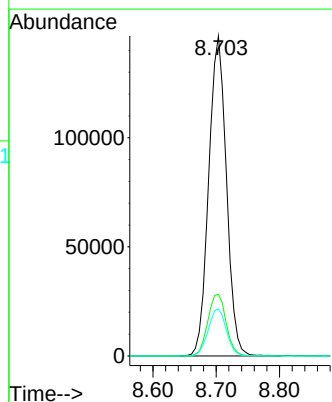
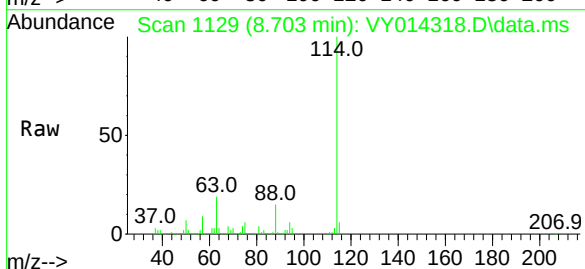
Tgt Ion: 114 Resp: 285575

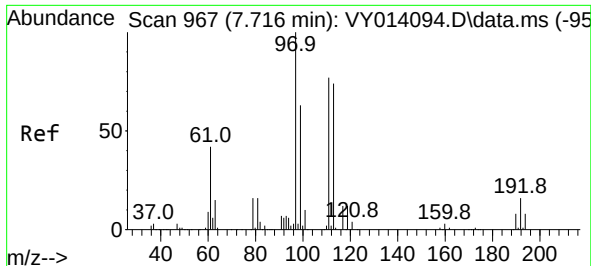
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 14.7 0.0 30.6

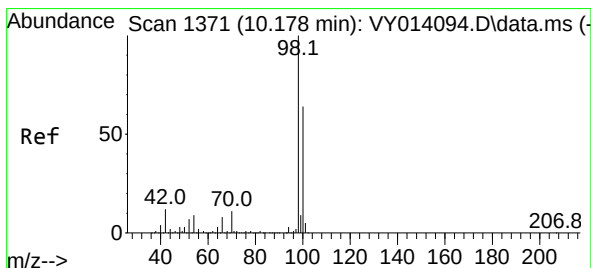
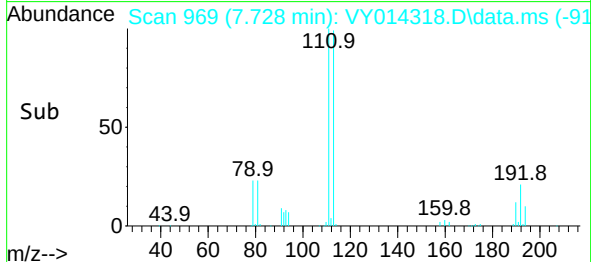
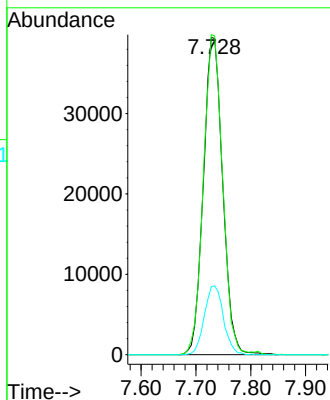
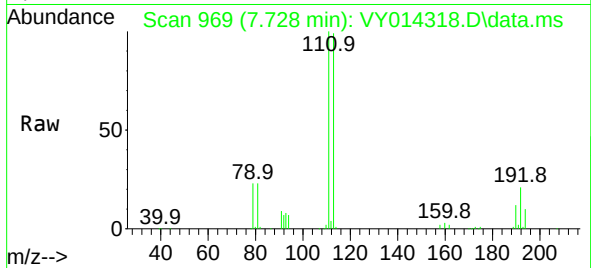




#35
Dibromofluoromethane
Concen: 47.529 ug/l
RT: 7.728 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY014318.D
Acq: 21 Jun 2023 05:57

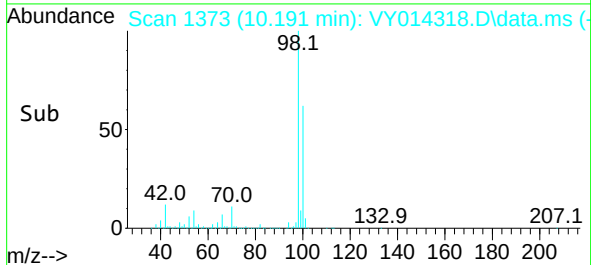
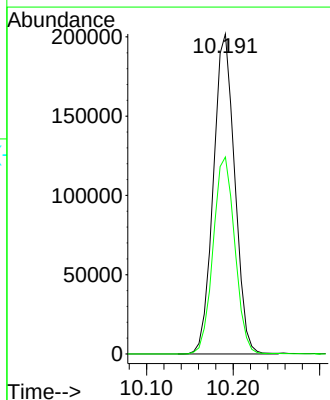
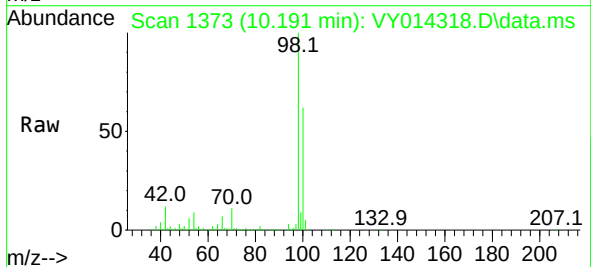
Instrument :
MSVOA_Y
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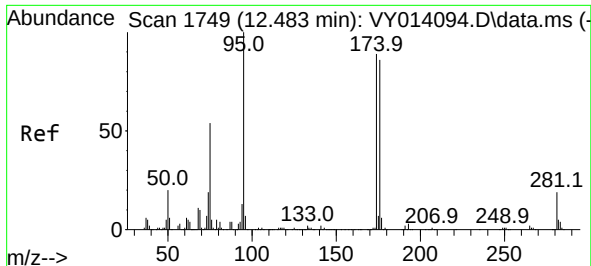
Tgt Ion:113 Resp: 96258
Ion Ratio Lower Upper
113 100
111 100.3 81.3 121.9
192 21.5 16.9 25.3



#50
Toluene-d8
Concen: 45.608 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.013 min
Lab File: VY014318.D
Acq: 21 Jun 2023 05:57

Tgt Ion: 98 Resp: 345319
Ion Ratio Lower Upper
98 100
100 62.6 50.1 75.1

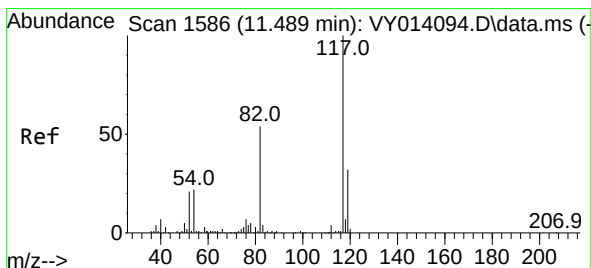
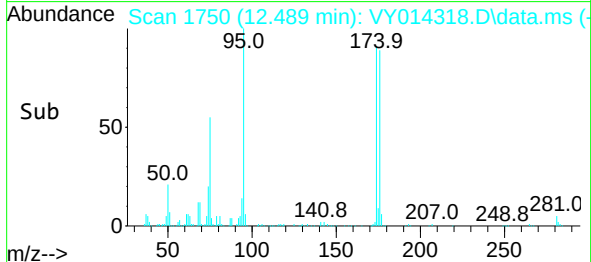
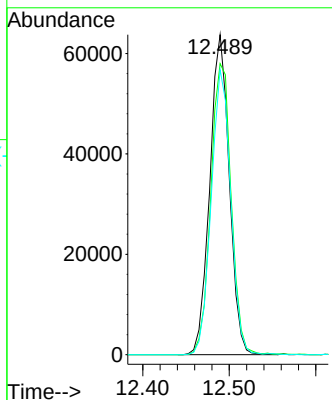
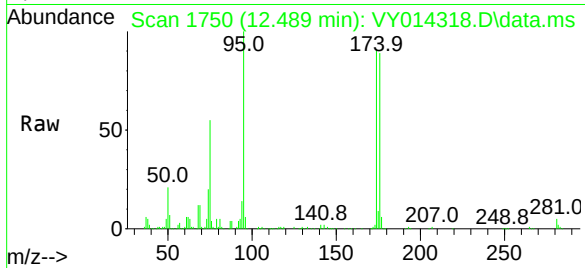




#62
4-Bromofluorobenzene
Concen: 37.046 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014318.D
Acq: 21 Jun 2023 05:57

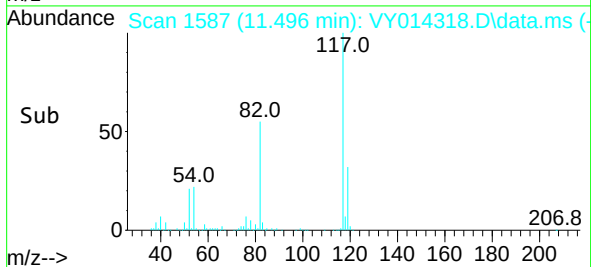
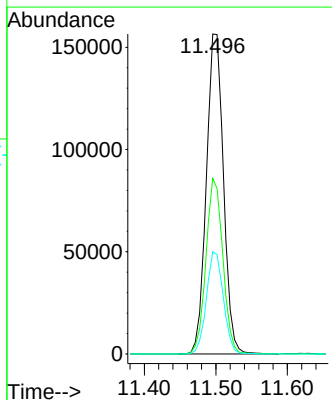
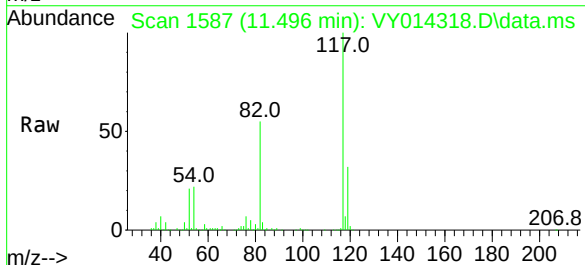
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MSVOA_Y
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TOTAL-VOC-SW03-0-8-GRAB-7

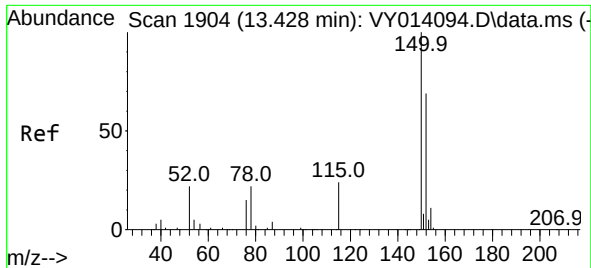
Tgt Ion:	95	Resp:	99641
Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	178.2
176	89.1	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014318.D
Acq: 21 Jun 2023 05:57

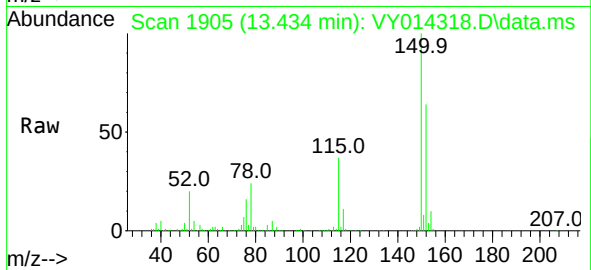
Tgt Ion:	117	Resp:	260632
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.4	65.0
119	32.0	26.3	39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY014318.D
 Acq: 21 Jun 2023 05:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW03-0-8-GRAB-7



Tgt Ion:152 Resp: 105648
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.8 86.5
 150 156.0 0.0 348.8

