

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014324.D
 Acq On : 21 Jun 2023 08:17
 Operator : KP/MD
 Sample : 03329-24
 Misc : 9.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW01-8-15-GRAB-7

Quant Time: Jun 21 08:50:57 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)

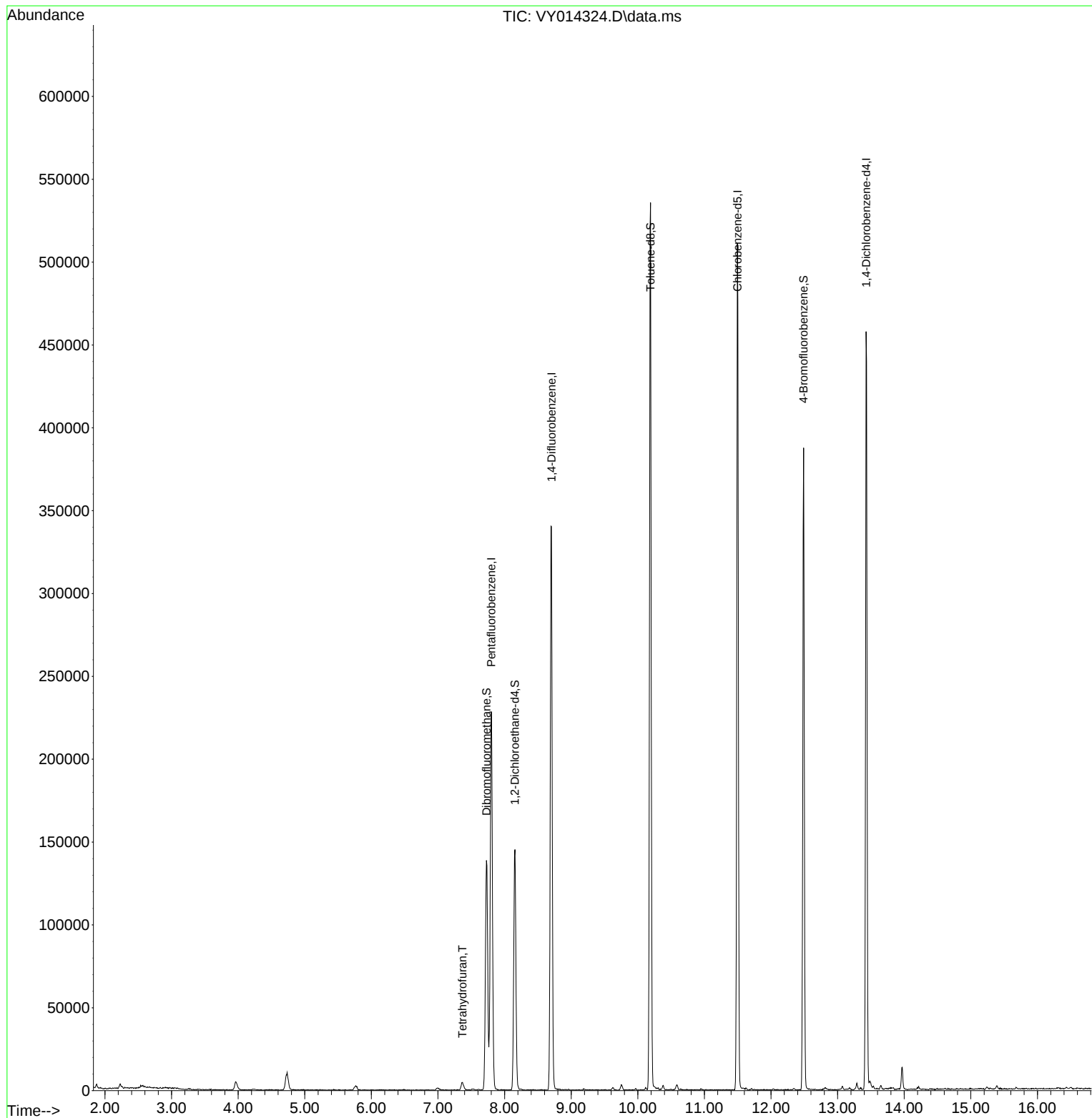
Internal Standards						
1) Pentafluorobenzene	7.801	168	177479	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	287229	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	271293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	124789	50.493	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.980%
35) Dibromofluoromethane	7.728	113	95772	47.017	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.040%
50) Toluene-d8	10.191	98	351285	46.128	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.260%
62) 4-Bromofluorobenzene	12.489	95	106996	39.552	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.100%
Target Compounds						
29) Tetrahydrofuran	7.368	42	3725	6.406	ug/l	98

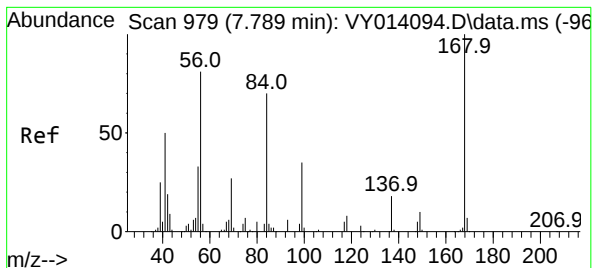
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 910

Delta R.T. 0.012 min

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MSVOA_Y

ClientSampleId :

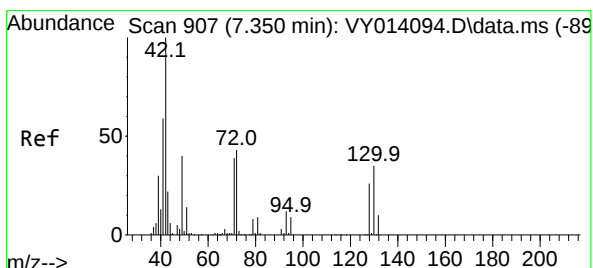
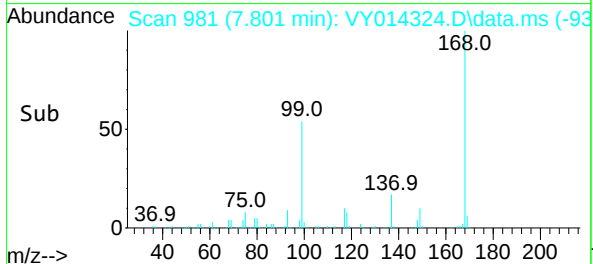
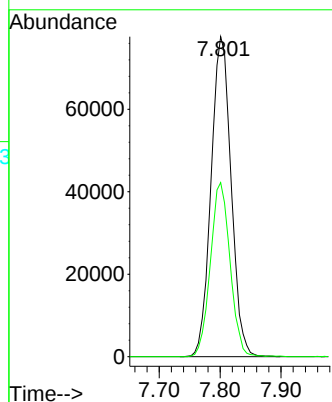
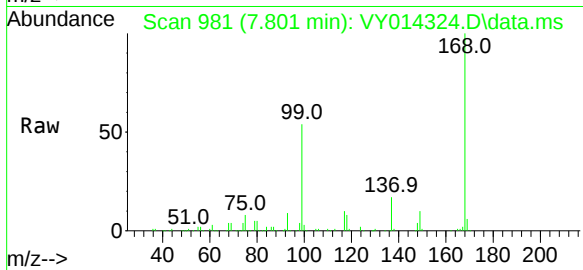
TOTAL-VOC-SW01-8-15-GRAB-7

Tgt Ion:168 Resp: 177479

Ion Ratio Lower Upper

168 100

99 54.4 43.4 65.0



#29

Tetrahydrofuran

Concen: 6.406 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY014324.D

Acq: 21 Jun 2023 08:17

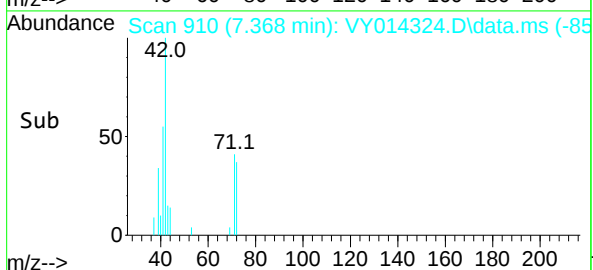
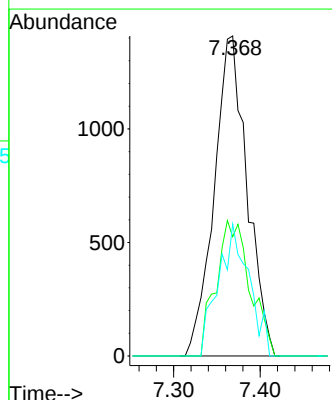
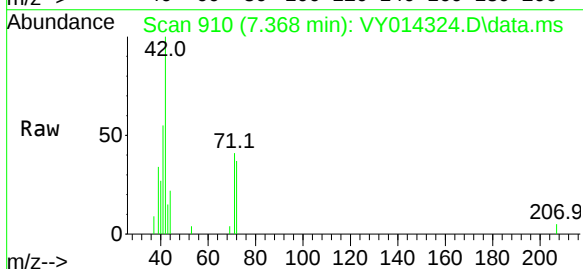
Tgt Ion: 42 Resp: 3725

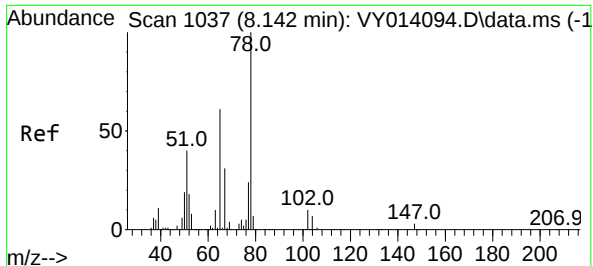
Ion Ratio Lower Upper

42 100

72 43.7 32.8 49.2

71 38.4 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 50.493 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.013 min

Lab File: VY014324.D

Acq: 21 Jun 2023 08:17

Instrument :

MSVOA_Y

ClientSampleId :

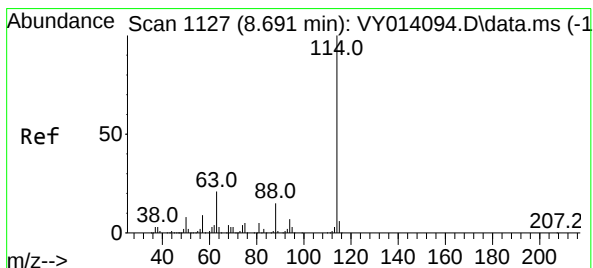
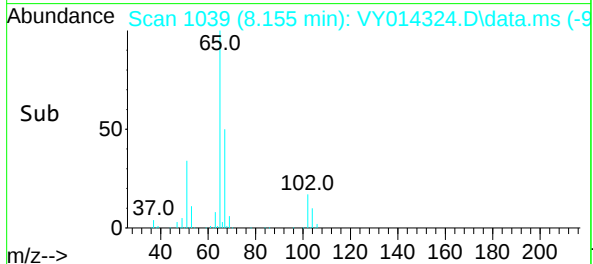
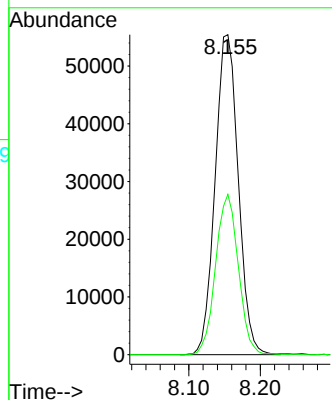
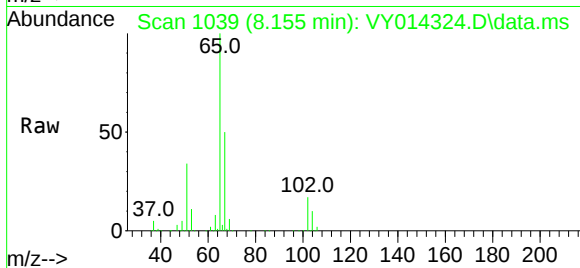
TOTAL-VOC-SW01-8-15-GRAB-7

Tgt Ion: 65 Resp: 124789

Ion Ratio Lower Upper

65 100

67 49.1 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: VY014324.D

Acq: 21 Jun 2023 08:17

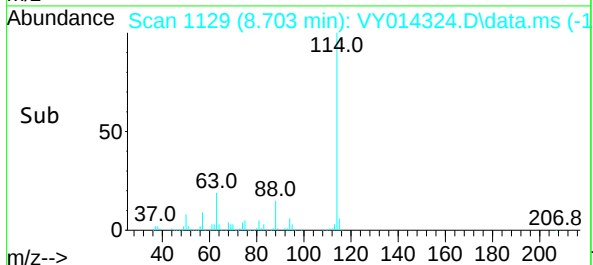
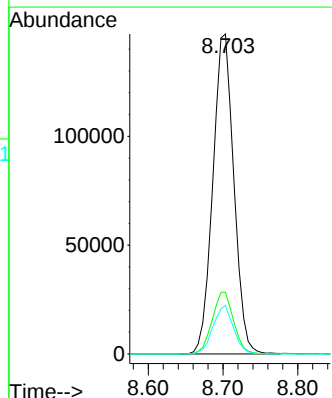
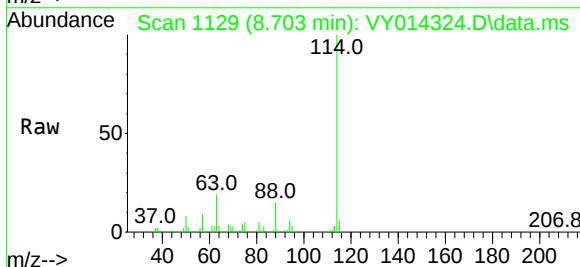
Tgt Ion: 114 Resp: 287229

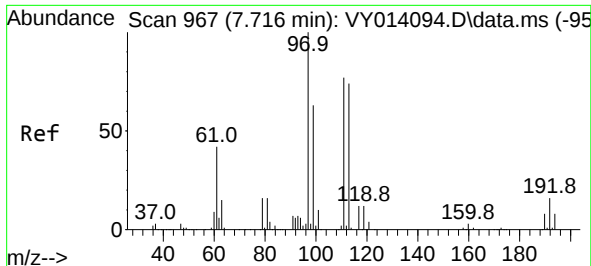
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.2 0.0 30.6

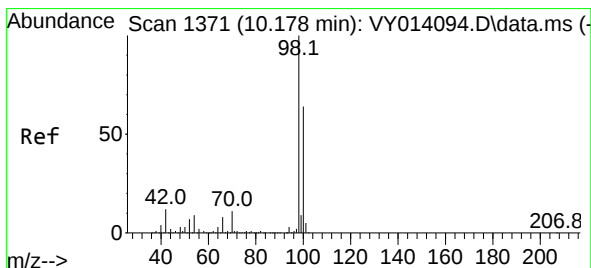
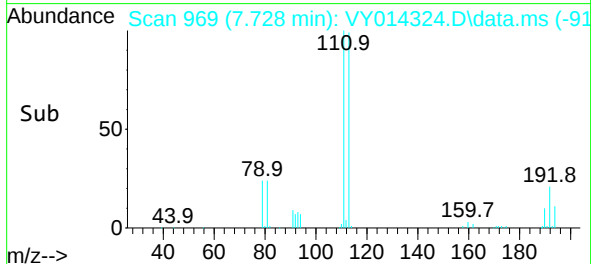
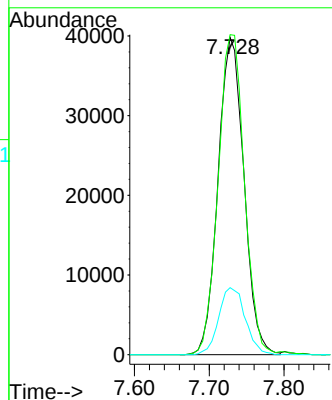
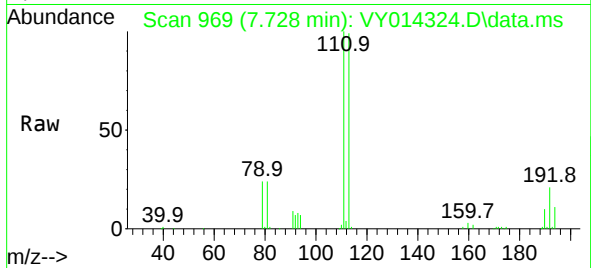




#35
Dibromofluoromethane
Concen: 47.017 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014324.D
Acq: 21 Jun 2023 08:17

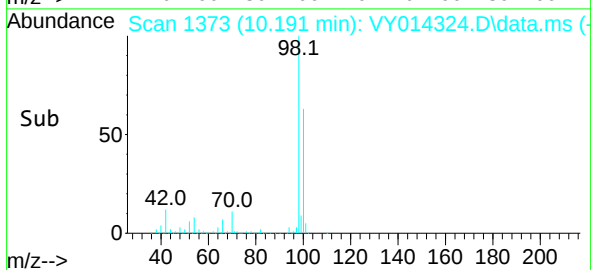
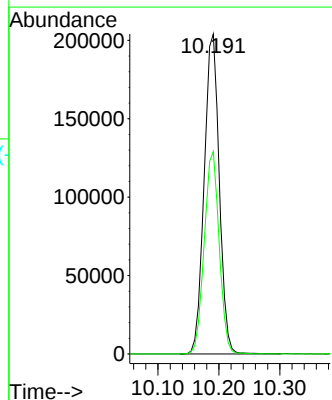
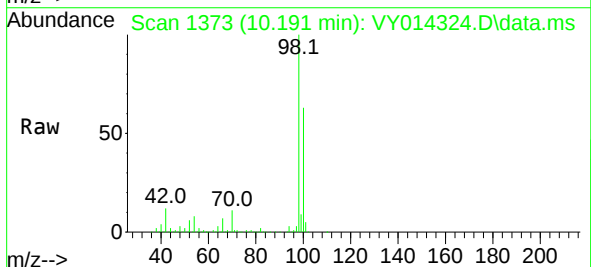
Instrument :
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TOTAL-VOC-SW01-8-15-GRAB-7

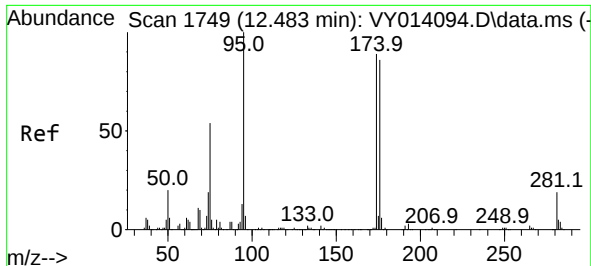
Tgt Ion:113 Resp: 95772
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 21.7 16.9 25.3



#50
Toluene-d8
Concen: 46.128 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.013 min
Lab File: VY014324.D
Acq: 21 Jun 2023 08:17

Tgt Ion: 98 Resp: 351285
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

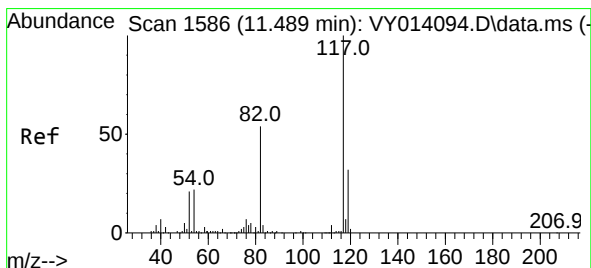
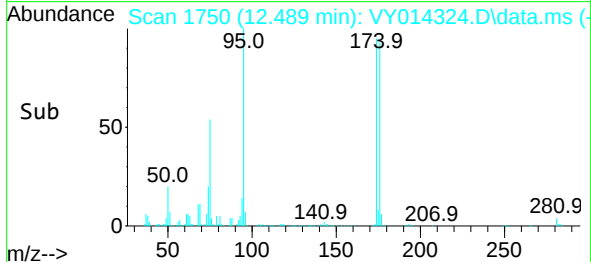
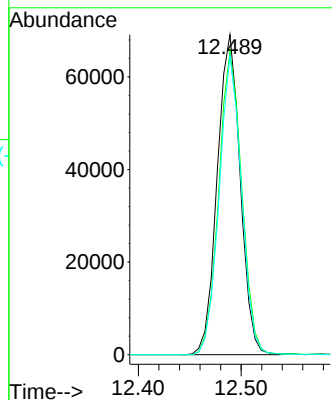
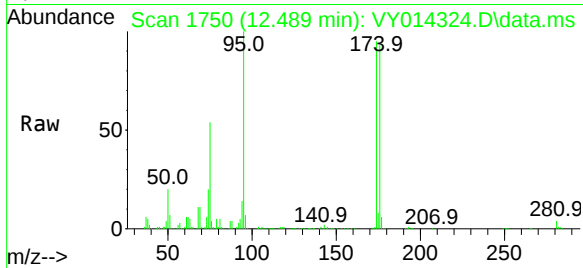




#62
4-Bromofluorobenzene
Concen: 39.552 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014324.D
Acq: 21 Jun 2023 08:17

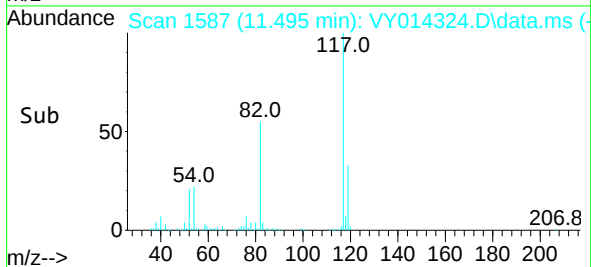
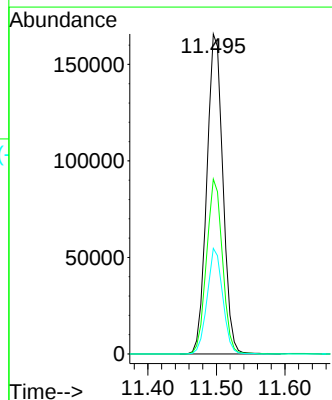
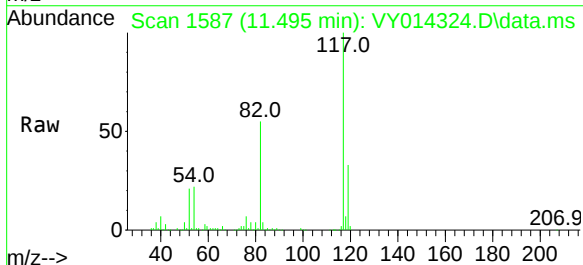
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW01-8-15-GRAB-7

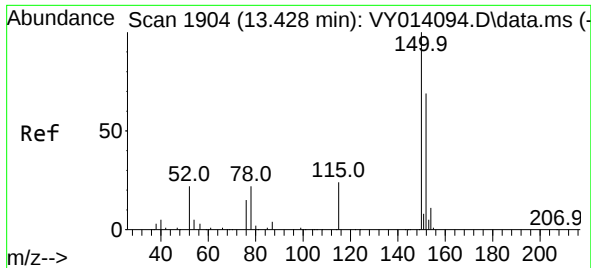
Tgt Ion: 95 Resp: 106996
Ion Ratio Lower Upper
95 100
174 95.2 0.0 178.2
176 90.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014324.D
Acq: 21 Jun 2023 08:17

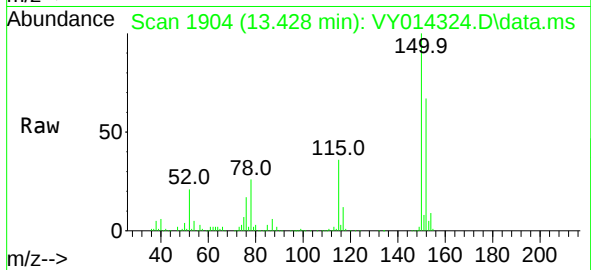
Tgt Ion: 117 Resp: 271293
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 33.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY014324.D
 Acq: 21 Jun 2023 08:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW01-8-15-GRAB-7



Tgt Ion:152 Resp: 120761
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.8 86.5
 150 155.1 0.0 348.8

