

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014309.D
 Acq On : 21 Jun 2023 02:26
 Operator : KP/MD
 Sample : 03328-05
 Misc : 7.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW02-8-15-GRAB-6

Quant Time: Jun 21 05:09:26 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)

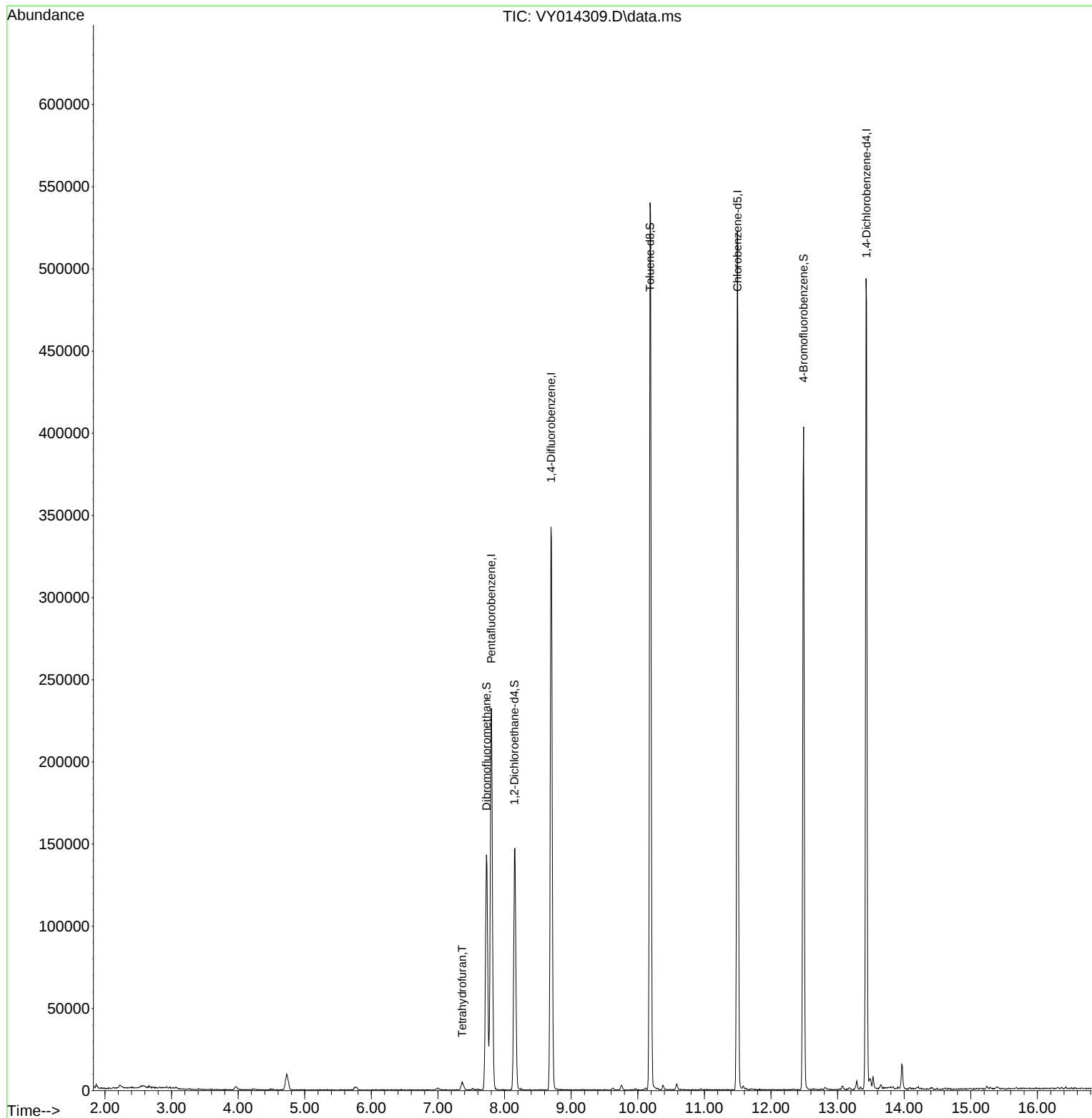
Internal Standards						
1) Pentafluorobenzene	7.801	168	179077	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	289573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	275383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	129472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	125995	50.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.060%
35) Dibromofluoromethane	7.728	113	98397	47.915	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.820%
50) Toluene-d8	10.185	98	358511	46.696	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.489	95	113135	41.483	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.960%
Target Compounds						
						Qvalue
29) Tetrahydrofuran	7.362	42	3669	6.253	ug/l	94

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

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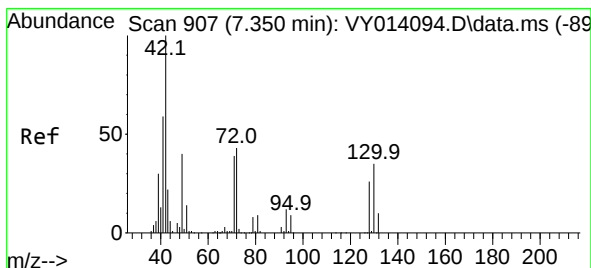
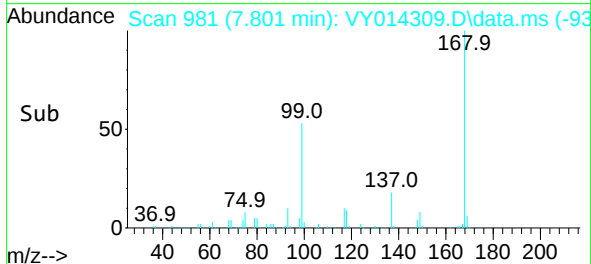
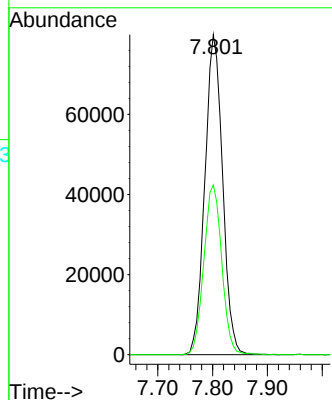
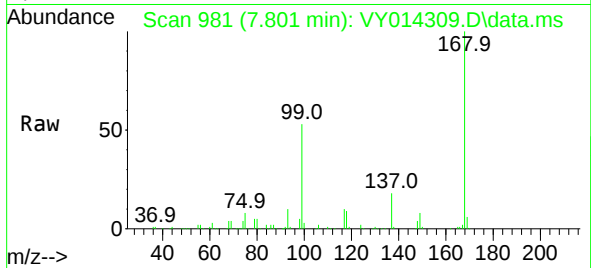




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014309.D
Acq: 21 Jun 2023 02:26

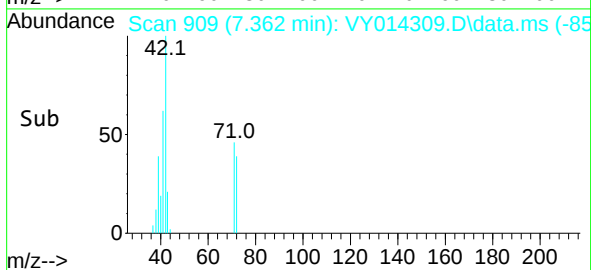
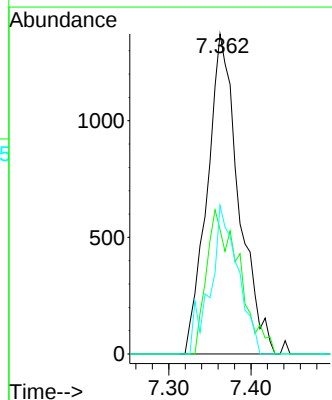
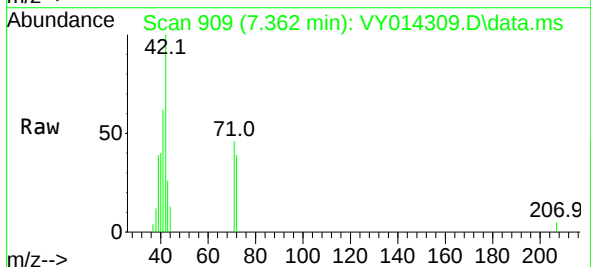
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW02-8-15-GRAB-6

Tgt Ion:168 Resp: 179077
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#29
Tetrahydrofuran
Concen: 6.253 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY014309.D
Acq: 21 Jun 2023 02:26

Tgt Ion: 42 Resp: 3669
Ion Ratio Lower Upper
42 100
72 46.4 32.8 49.2
71 40.4 31.0 46.4





#33

1,2-Dichloroethane-d4

Concen: 50.526 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY014309.D

Acq: 21 Jun 2023 02:26

Instrument :

MSVOA_Y

ClientSampleId :

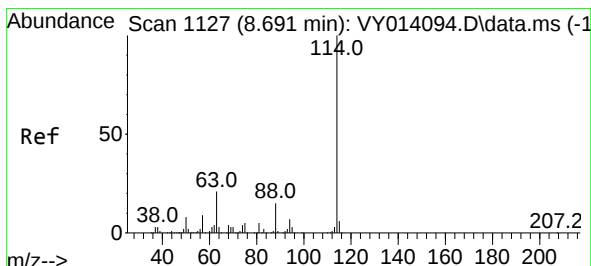
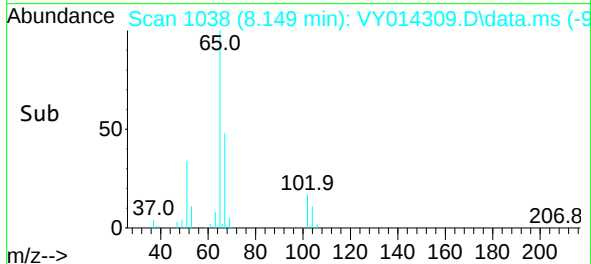
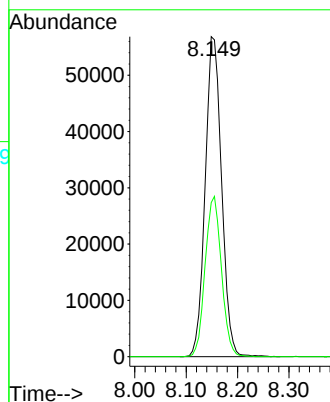
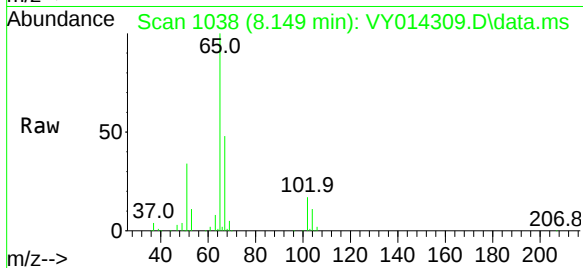
TOTAL-VOC-SW02-8-15-GRAB-6

Tgt Ion: 65 Resp: 125995

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY014309.D

Acq: 21 Jun 2023 02:26

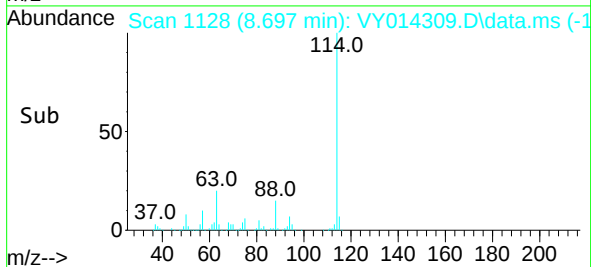
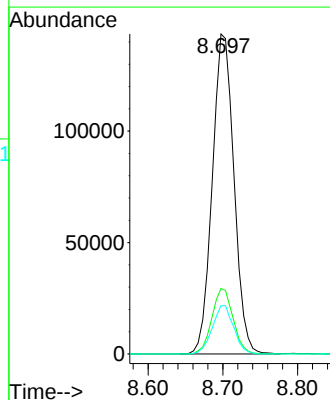
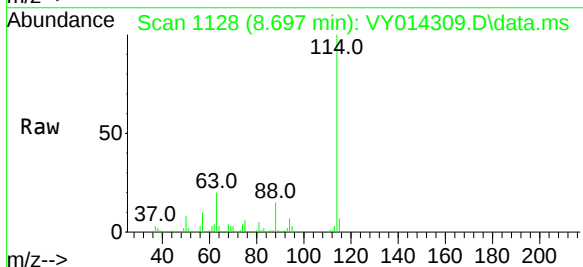
Tgt Ion: 114 Resp: 289573

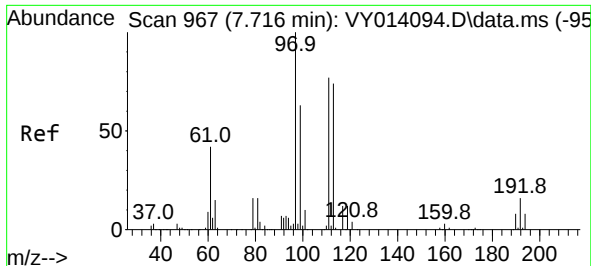
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.4

88 15.1 0.0 30.6

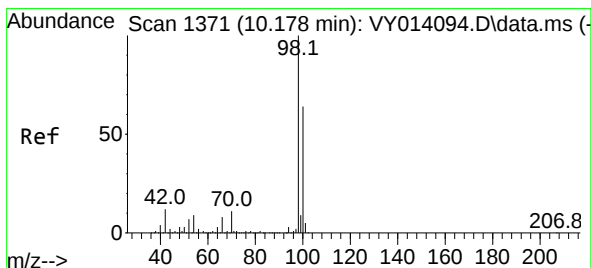
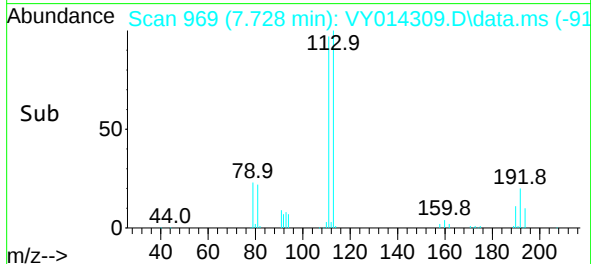
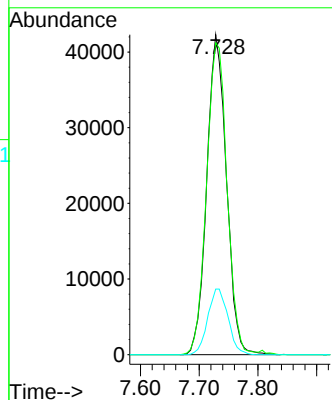
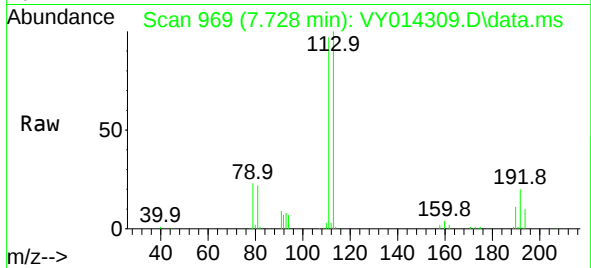




#35
Dibromofluoromethane
Concen: 47.915 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014309.D
Acq: 21 Jun 2023 02:26

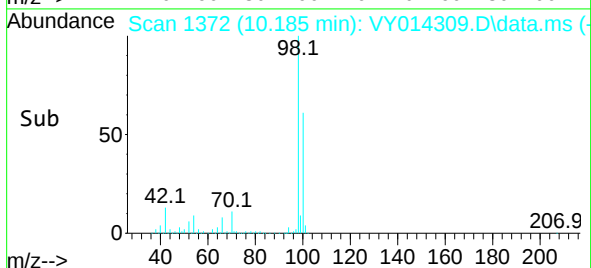
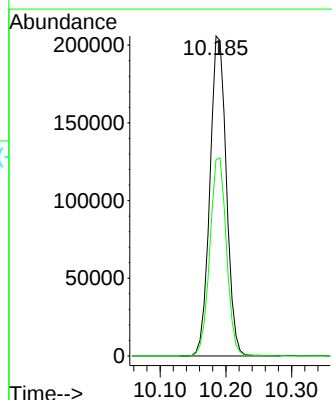
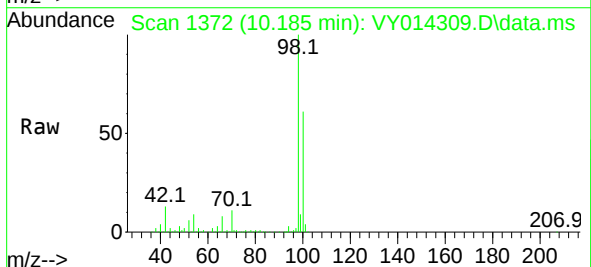
Instrument :
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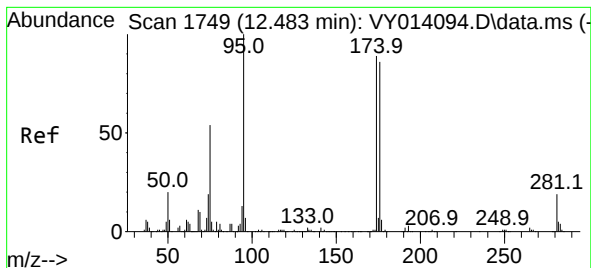
Tgt Ion:113 Resp: 98397
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 21.1 16.9 25.3



#50
Toluene-d8
Concen: 46.696 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014309.D
Acq: 21 Jun 2023 02:26

Tgt Ion: 98 Resp: 358511
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1

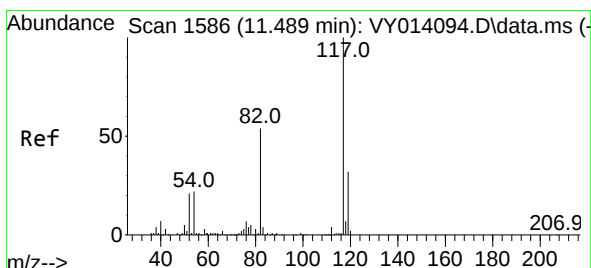
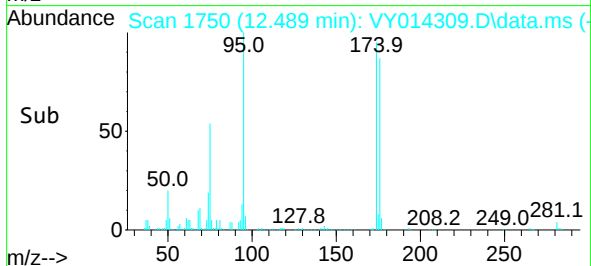
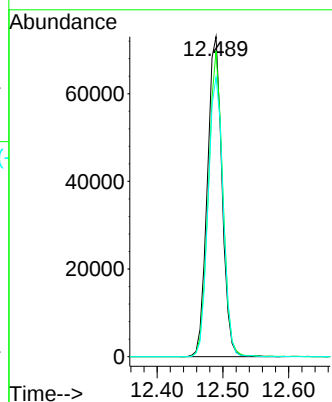
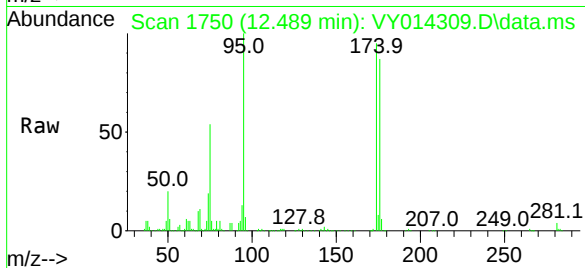




#62
4-Bromofluorobenzene
Concen: 41.483 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014309.D
Acq: 21 Jun 2023 02:26

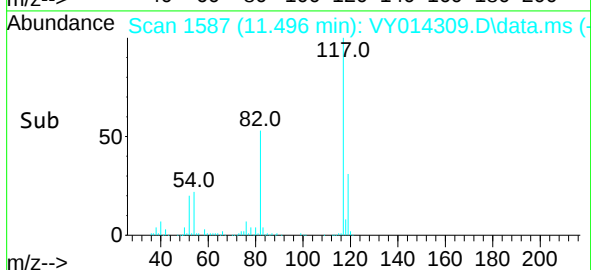
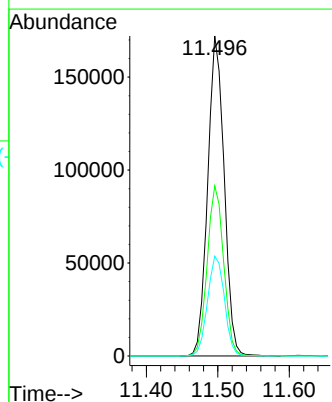
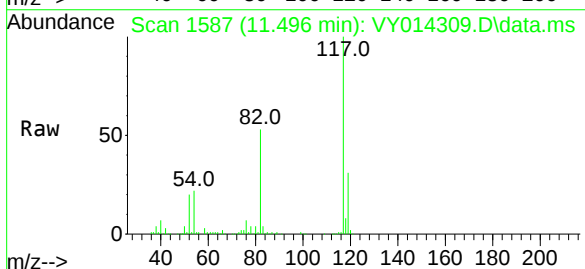
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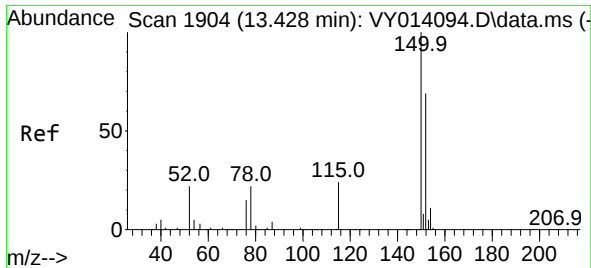
Tgt Ion: 95 Resp: 113135
Ion Ratio Lower Upper
95 100
174 94.0 0.0 178.2
176 89.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014309.D
Acq: 21 Jun 2023 02:26

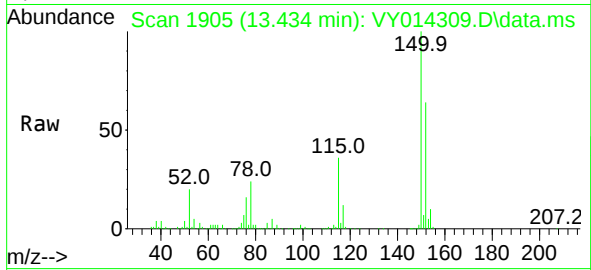
Tgt Ion: 117 Resp: 275383
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY014309.D
 Acq: 21 Jun 2023 02:26

Instrument : MSVOA_Y
 ClientSampleId : TOTAL-VOC-SW02-8-15-GRAB-6



Tgt Ion:152 Resp: 129472
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.8 86.5
 150 155.9 0.0 348.8

