

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014311.D
 Acq On : 21 Jun 2023 03:13
 Operator : KP/MD
 Sample : 03328-11
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SW04-0-8-GRAB-6

Quant Time: Jun 21 05:09:46 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)

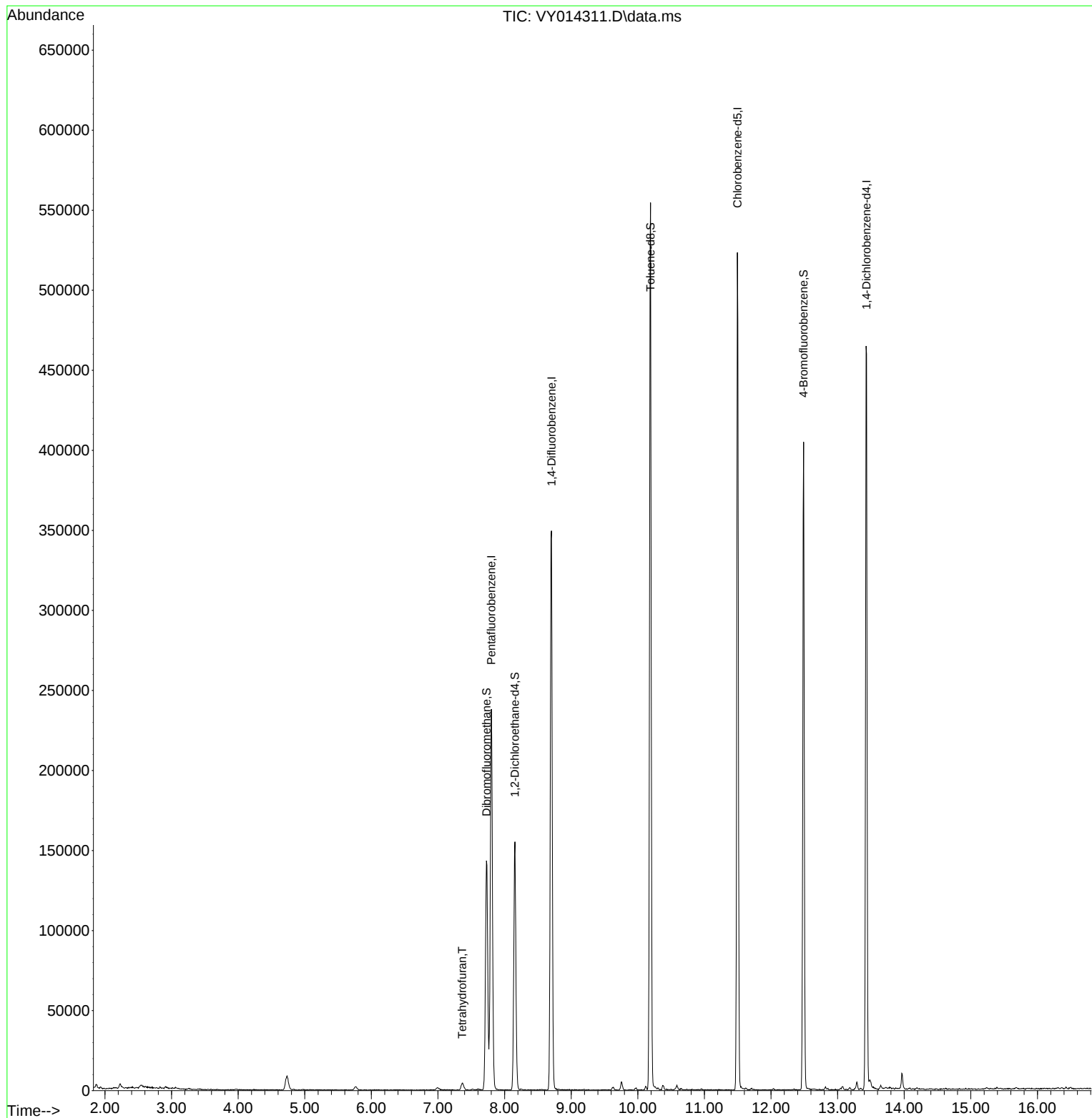
Internal Standards						
1) Pentafluorobenzene	7.801	168	181079	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	296404	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	277732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	125214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	128735	51.054	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.100%
35) Dibromofluoromethane	7.728	113	98128	46.682	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.360%
50) Toluene-d8	10.191	98	355555	45.244	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.480%
62) 4-Bromofluorobenzene	12.489	95	110876	39.717	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.440%
Target Compounds						
					Qvalue	
29) Tetrahydrofuran	7.362	42	3498	5.896	ug/l	94

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

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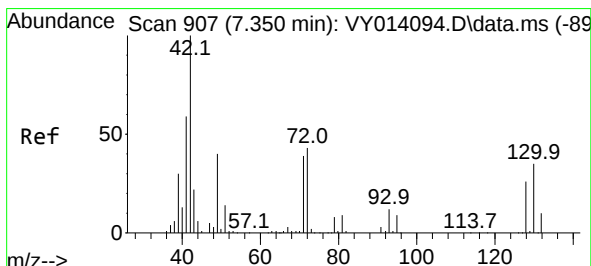
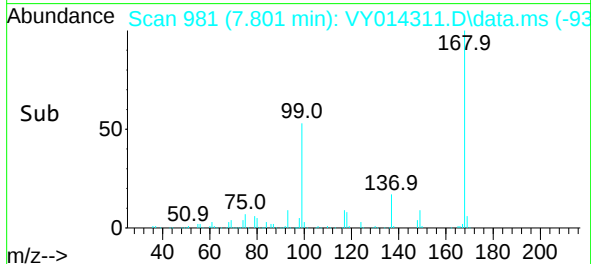
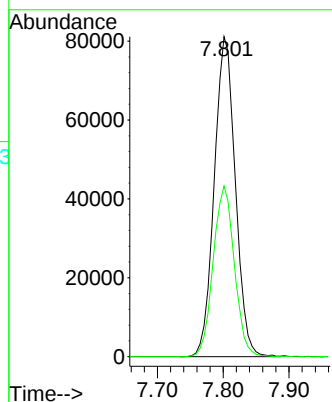
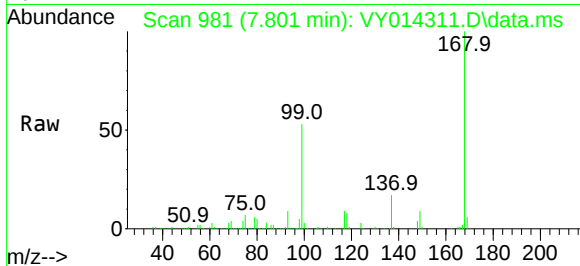




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014311.D
Acq: 21 Jun 2023 03:13

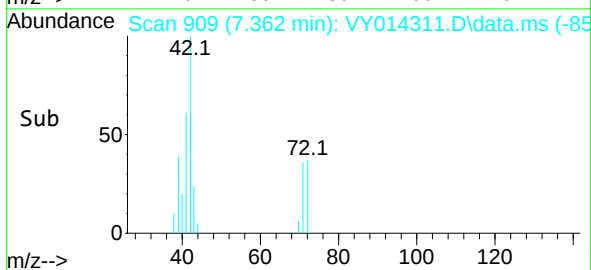
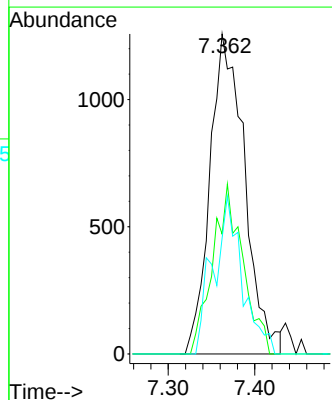
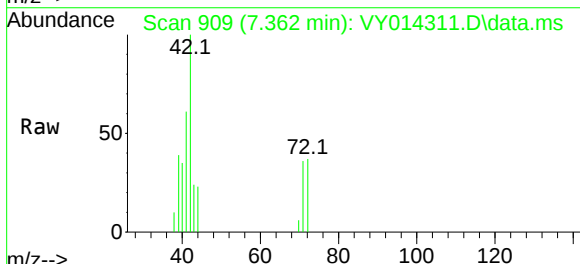
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SW04-0-8-GRAB-6

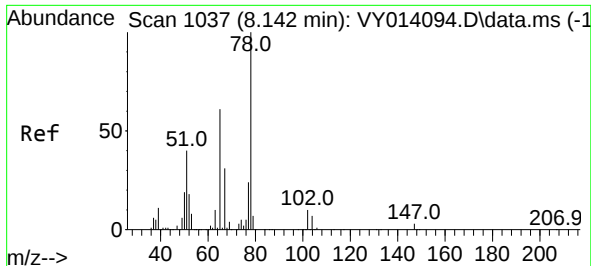
Tgt Ion:168 Resp: 181079
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#29
Tetrahydrofuran
Concen: 5.896 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.012 min
Lab File: VY014311.D
Acq: 21 Jun 2023 03:13

Tgt Ion: 42 Resp: 3498
Ion Ratio Lower Upper
42 100
72 46.2 32.8 49.2
71 41.3 31.0 46.4

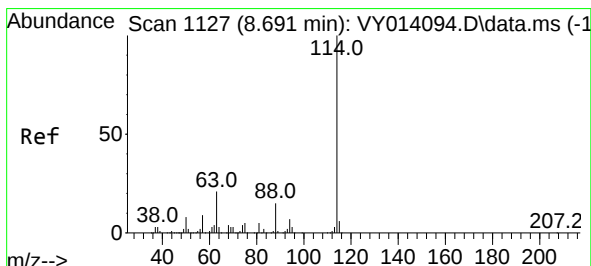
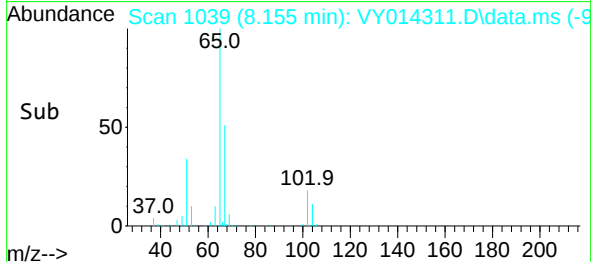
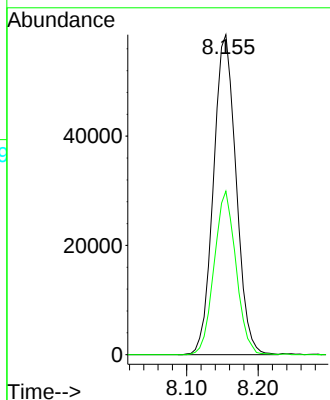
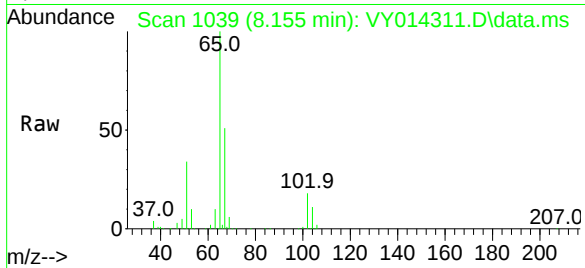




#33
 1,2-Dichloroethane-d4
 Concen: 51.054 ug/l
 RT: 8.155 min Scan# 1109
 Delta R.T. 0.013 min
 Lab File: VY014311.D
 Acq: 21 Jun 2023 03:13

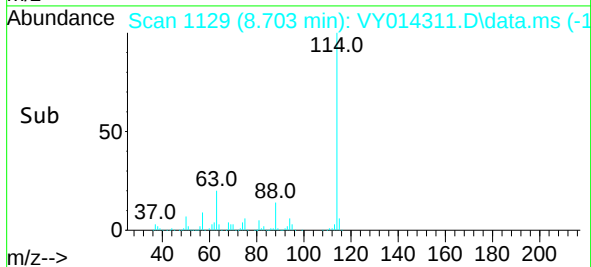
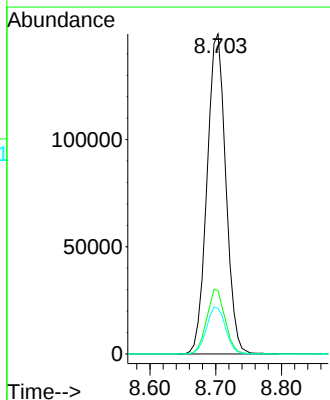
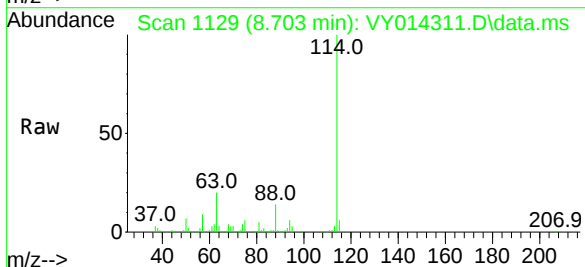
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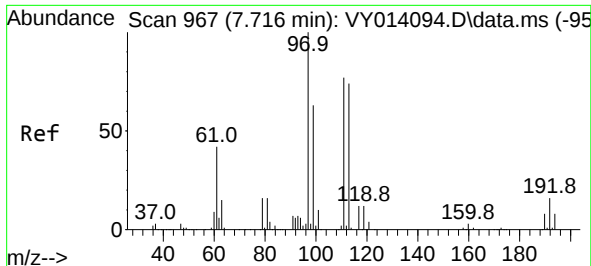
Tgt Ion: 65 Resp: 128735
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.012 min
 Lab File: VY014311.D
 Acq: 21 Jun 2023 03:13

Tgt Ion: 114 Resp: 296404
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 14.2 0.0 30.6

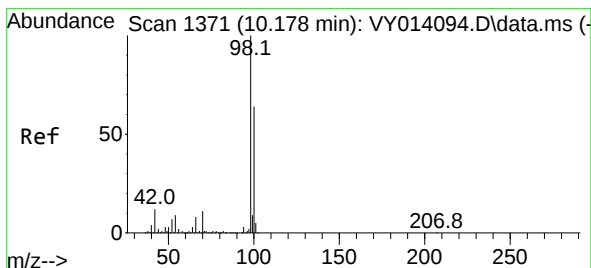
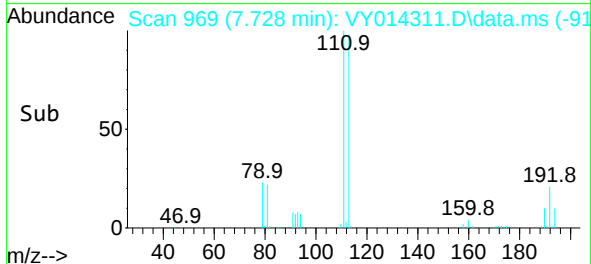
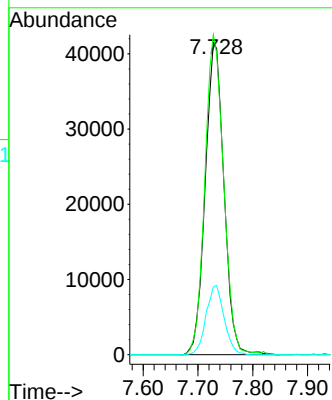
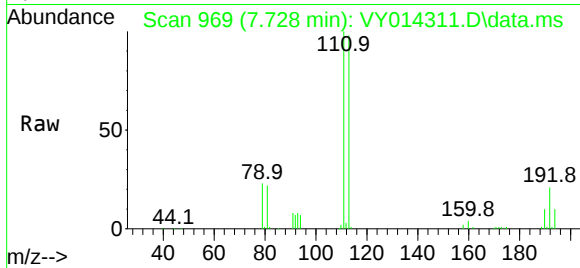




#35
Dibromofluoromethane
Concen: 46.682 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014311.D
Acq: 21 Jun 2023 03:13

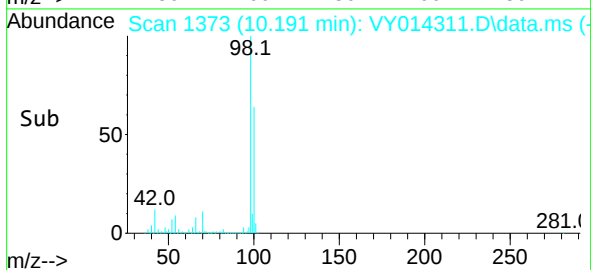
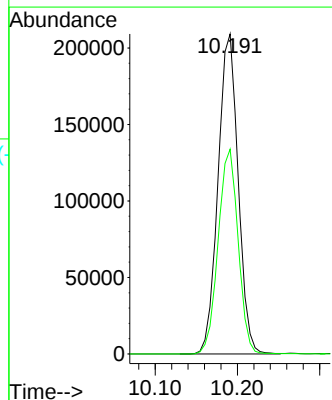
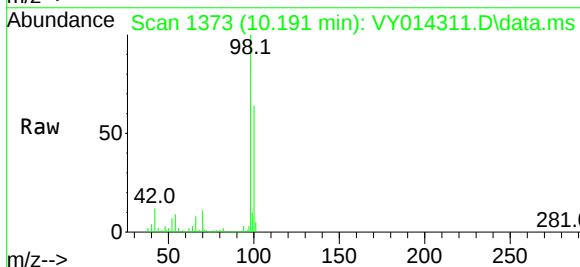
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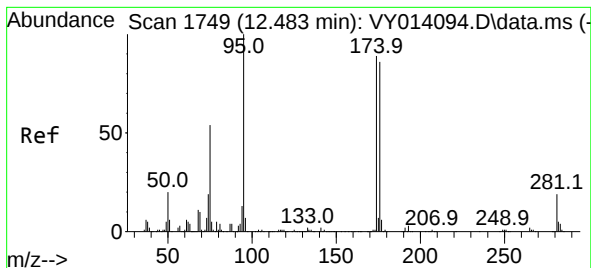
Tgt Ion:113 Resp: 98128
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 21.4 16.9 25.3



#50
Toluene-d8
Concen: 45.244 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.013 min
Lab File: VY014311.D
Acq: 21 Jun 2023 03:13

Tgt Ion: 98 Resp: 355555
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1

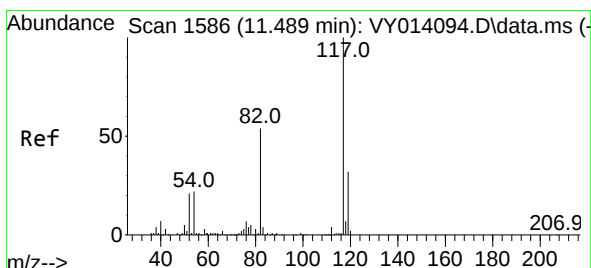
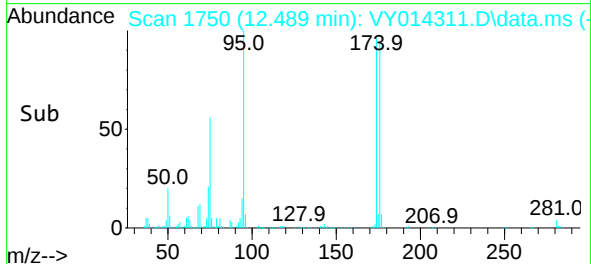
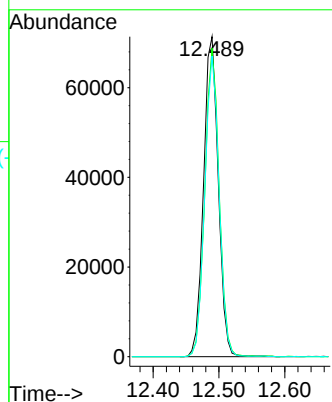
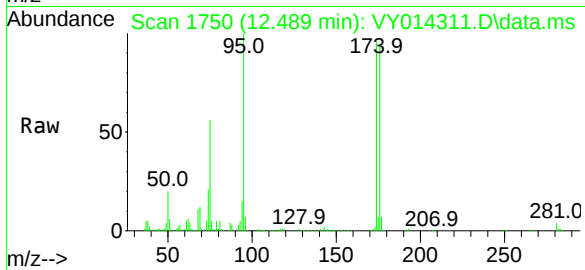




#62
4-Bromofluorobenzene
Concen: 39.717 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014311.D
Acq: 21 Jun 2023 03:13

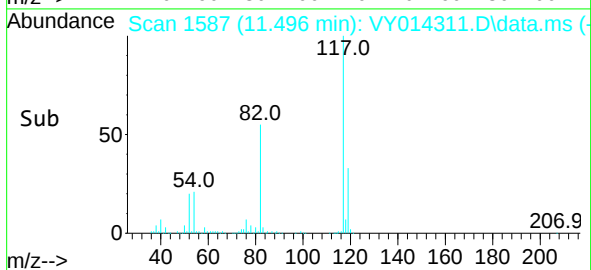
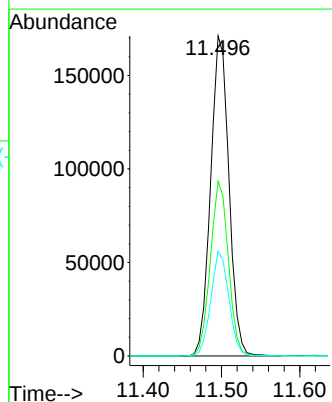
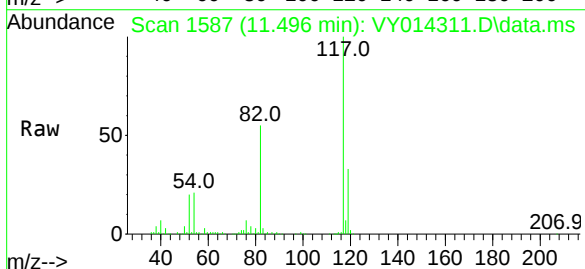
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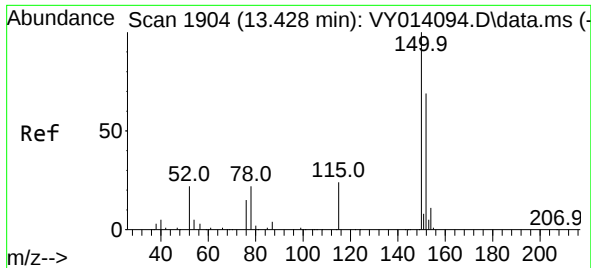
Tgt Ion: 95 Resp: 110876
Ion Ratio Lower Upper
95 100
174 94.0 0.0 178.2
176 91.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY014311.D
Acq: 21 Jun 2023 03:13

Tgt Ion: 117 Resp: 277732
Ion Ratio Lower Upper
117 100
82 54.6 43.4 65.0
119 32.8 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: VY014311.D

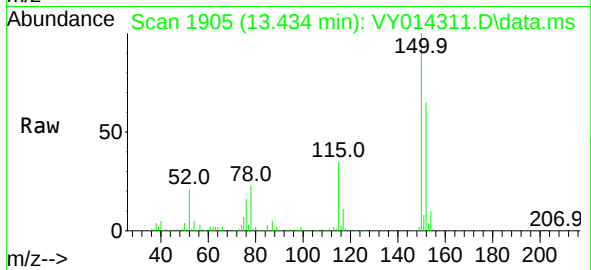
Acq: 21 Jun 2023 03:13

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SW04-0-8-GRAB-6



Tgt Ion:152 Resp: 125214

Ion Ratio Lower Upper

152 100

115 55.3 28.8 86.5

150 155.7 0.0 348.8

