

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014255.D
 Acq On : 20 Jun 2023 03:05
 Operator : KP/MD
 Sample : 03327-11
 Misc : 5.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-TW-02-GRAB-6

Quant Time: Jun 20 05:47:29 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)

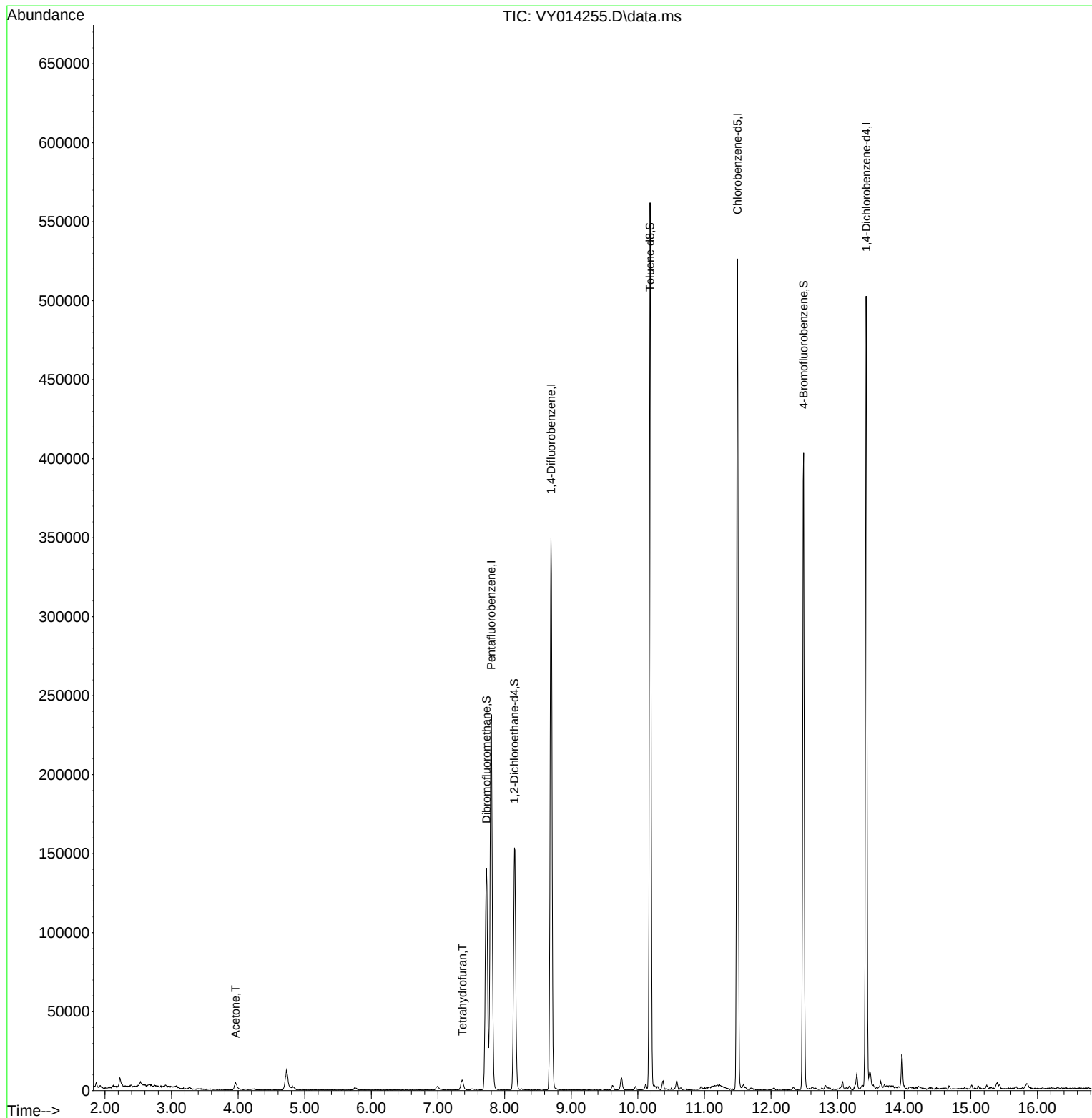
Internal Standards						
1) Pentafluorobenzene	7.801	168	185913	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	294549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	274972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130659	50.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.940%
35) Dibromofluoromethane	7.728	113	95559	45.747	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.500%
50) Toluene-d8	10.185	98	354879	45.442	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.880%
62) 4-Bromofluorobenzene	12.489	95	113175	40.796	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.600%
Target Compounds						
						Qvalue
16) Acetone	3.960	43	7644	9.795	ug/l	# 88
29) Tetrahydrofuran	7.368	42	5153	8.460	ug/l	94

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

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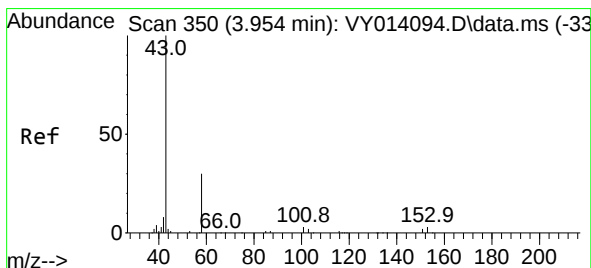
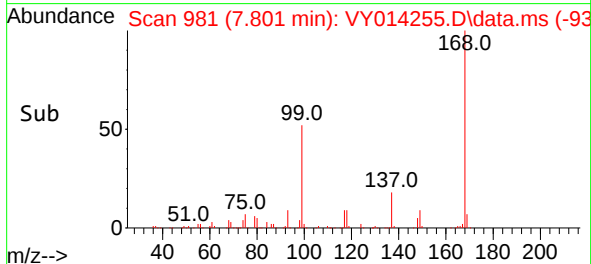
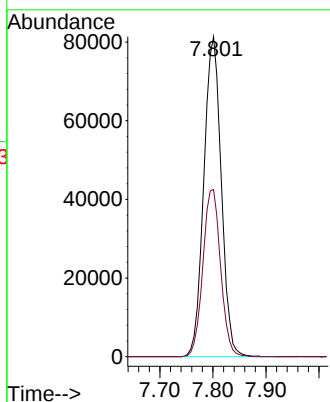
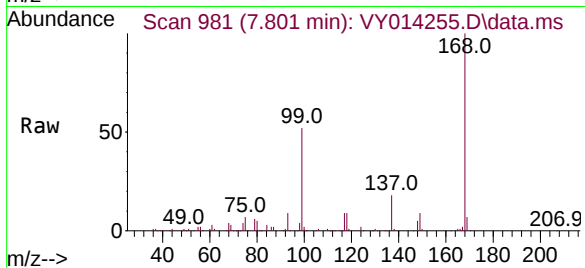




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014255.D
Acq: 20 Jun 2023 03:05

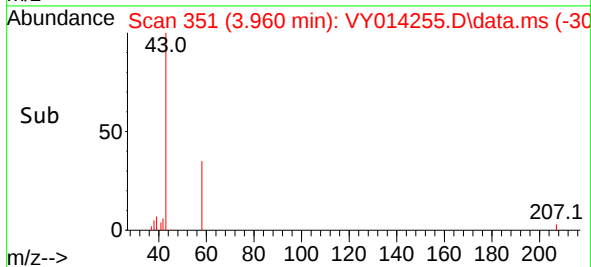
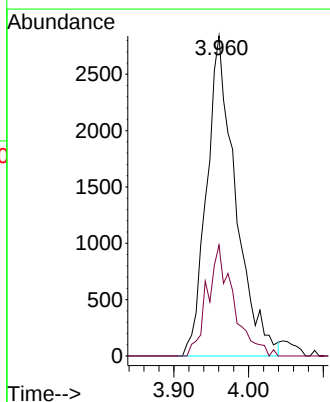
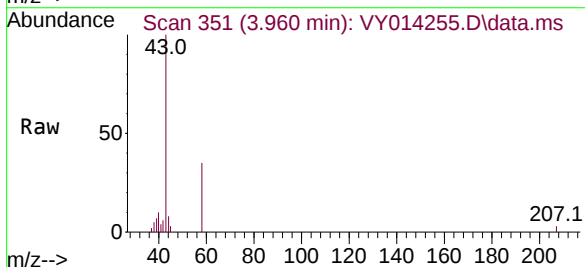
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-02-GRAB-6

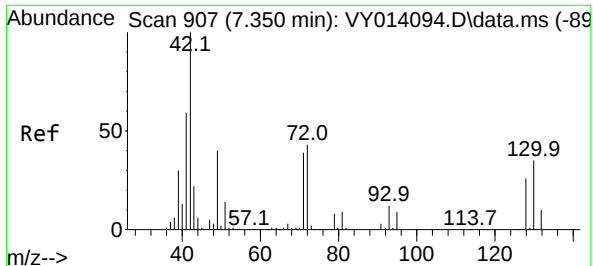
Tgt Ion:168 Resp: 185913
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#16
Acetone
Concen: 9.795 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014255.D
Acq: 20 Jun 2023 03:05

Tgt Ion: 43 Resp: 7644
Ion Ratio Lower Upper
43 100
58 34.6 22.7 34.1#





#29

Tetrahydrofuran

Concen: 8.460 ug/l

RT: 7.368 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY014255.D

Acq: 20 Jun 2023 03:05

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-TW-02-GRAB-6

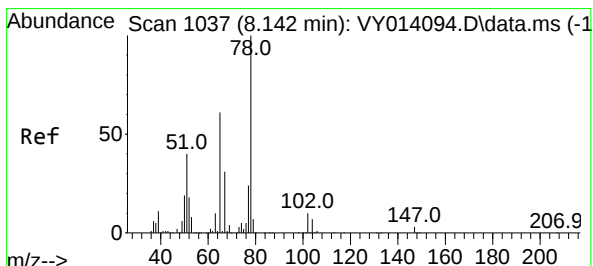
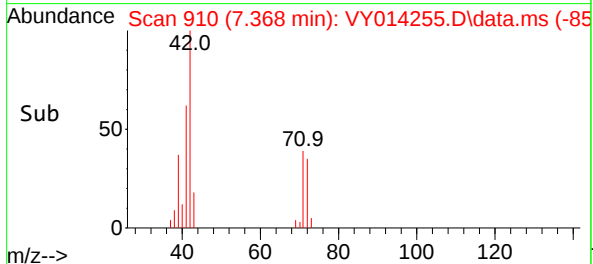
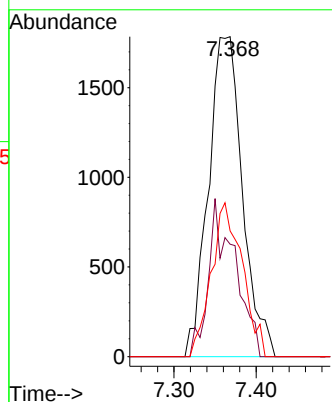
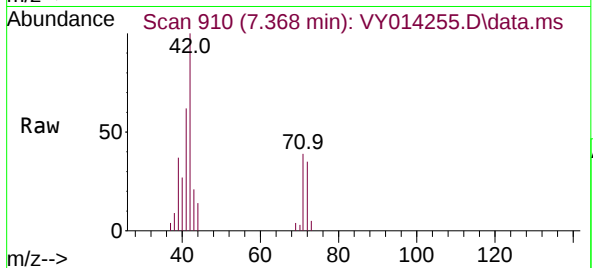
Tgt Ion: 42 Resp: 5153

Ion Ratio Lower Upper

42 100

72 38.4 32.8 49.2

71 43.7 31.0 46.4



#33

1,2-Dichloroethane-d4

Concen: 50.470 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VY014255.D

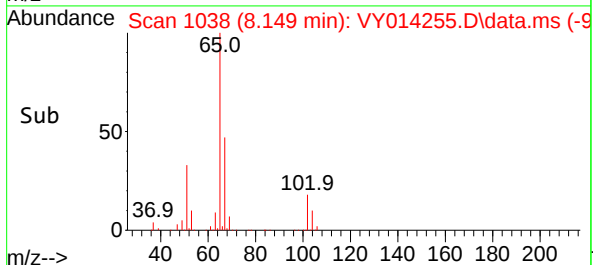
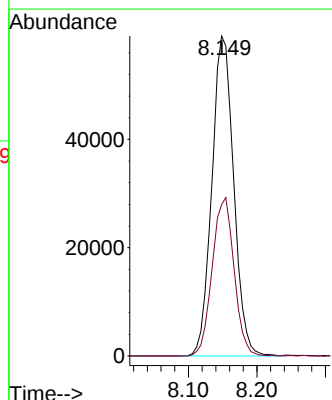
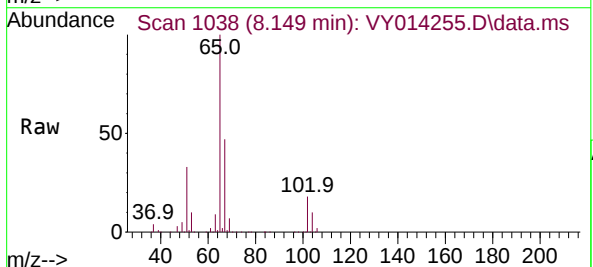
Acq: 20 Jun 2023 03:05

Tgt Ion: 65 Resp: 130659

Ion Ratio Lower Upper

65 100

67 49.5 0.0 101.8

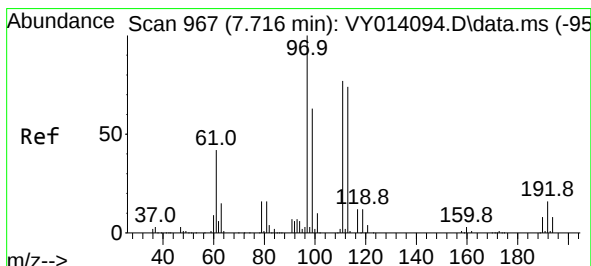
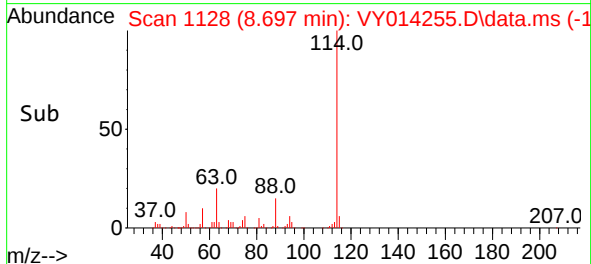
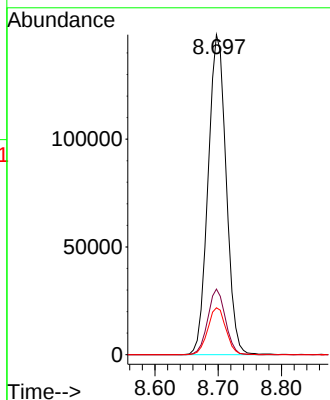
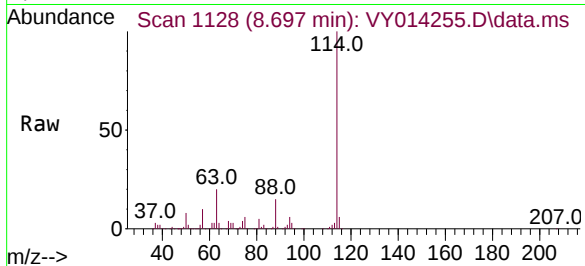




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014255.D
Acq: 20 Jun 2023 03:05

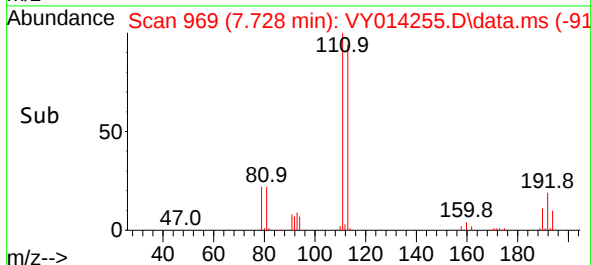
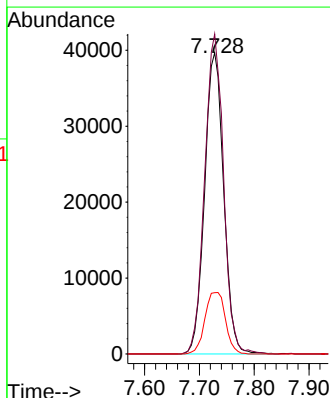
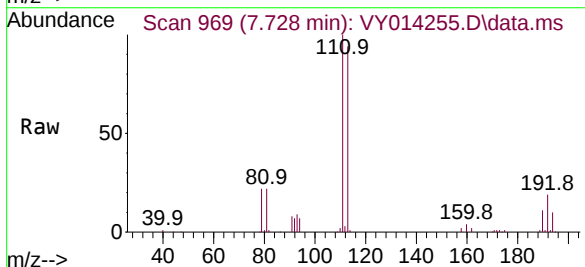
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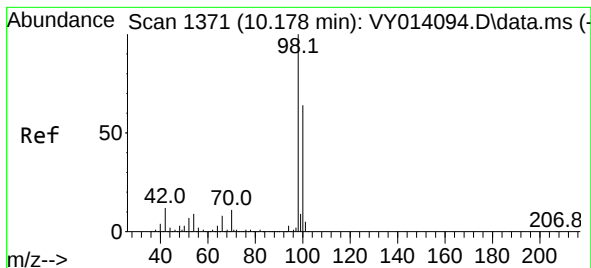
Tgt Ion:114 Resp: 294549
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 14.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 45.747 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY014255.D
Acq: 20 Jun 2023 03:05

Tgt Ion:113 Resp: 95559
Ion Ratio Lower Upper
113 100
111 105.4 81.3 121.9
192 22.0 16.9 25.3

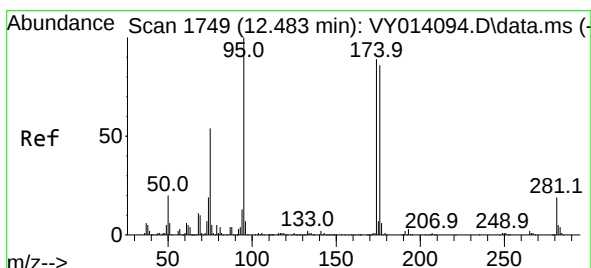
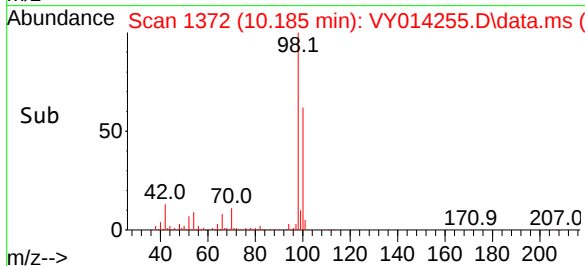
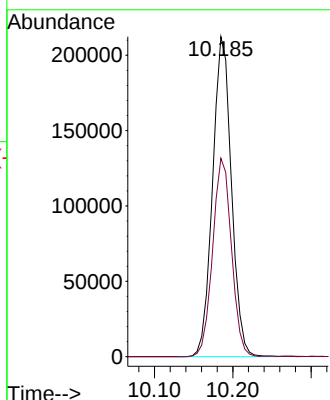
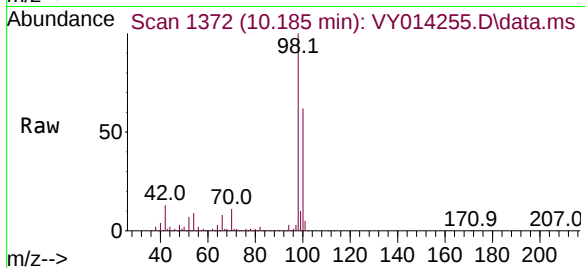




#50
Toluene-d8
Concen: 45.442 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014255.D
Acq: 20 Jun 2023 03:05

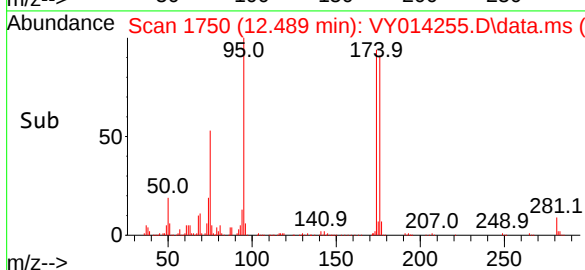
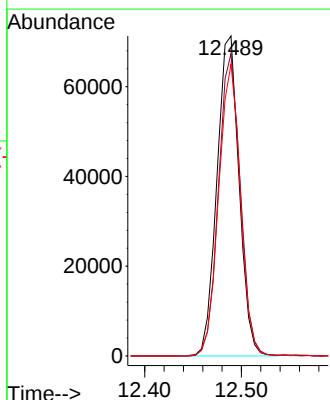
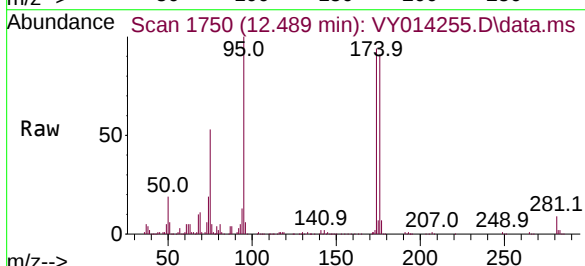
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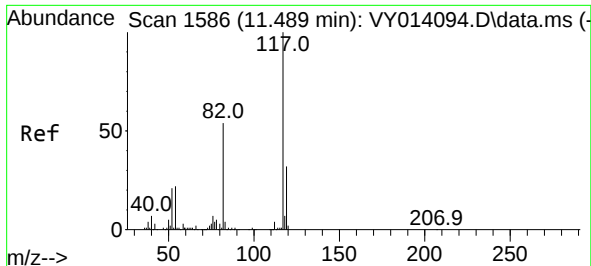
Tgt Ion: 98 Resp: 354879
Ion Ratio Lower Upper
98 100
100 62.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.796 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014255.D
Acq: 20 Jun 2023 03:05

Tgt Ion: 95 Resp: 113175
Ion Ratio Lower Upper
95 100
174 93.2 0.0 178.2
176 89.5 0.0 173.8

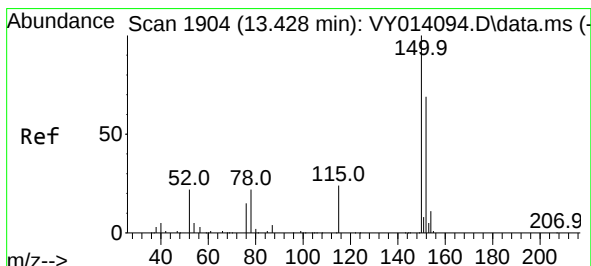
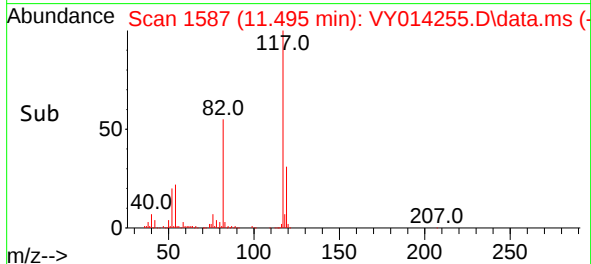
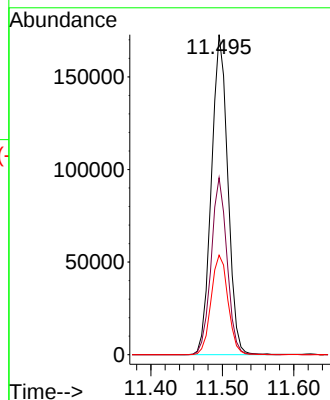
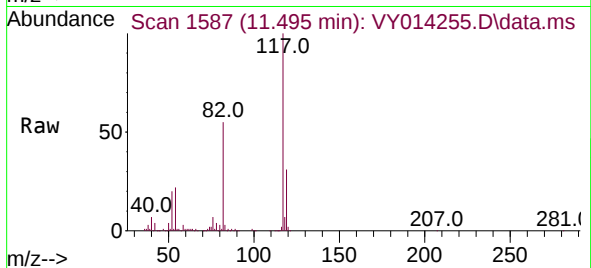




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY014255.D
Acq: 20 Jun 2023 03:05

Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-TW-02-GRAB-6

Tgt Ion:117 Resp: 274972
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 31.1 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: VY014255.D
Acq: 20 Jun 2023 03:05

Tgt Ion:152 Resp: 127012
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 160.2 0.0 348.8

