

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014183.D
 Acq On : 15 Jun 2023 12:45
 Operator : KP/MD
 Sample : 03222-24
 Misc : 11.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-16-GRAB-7

Quant Time: Jun 16 02:06:57 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)

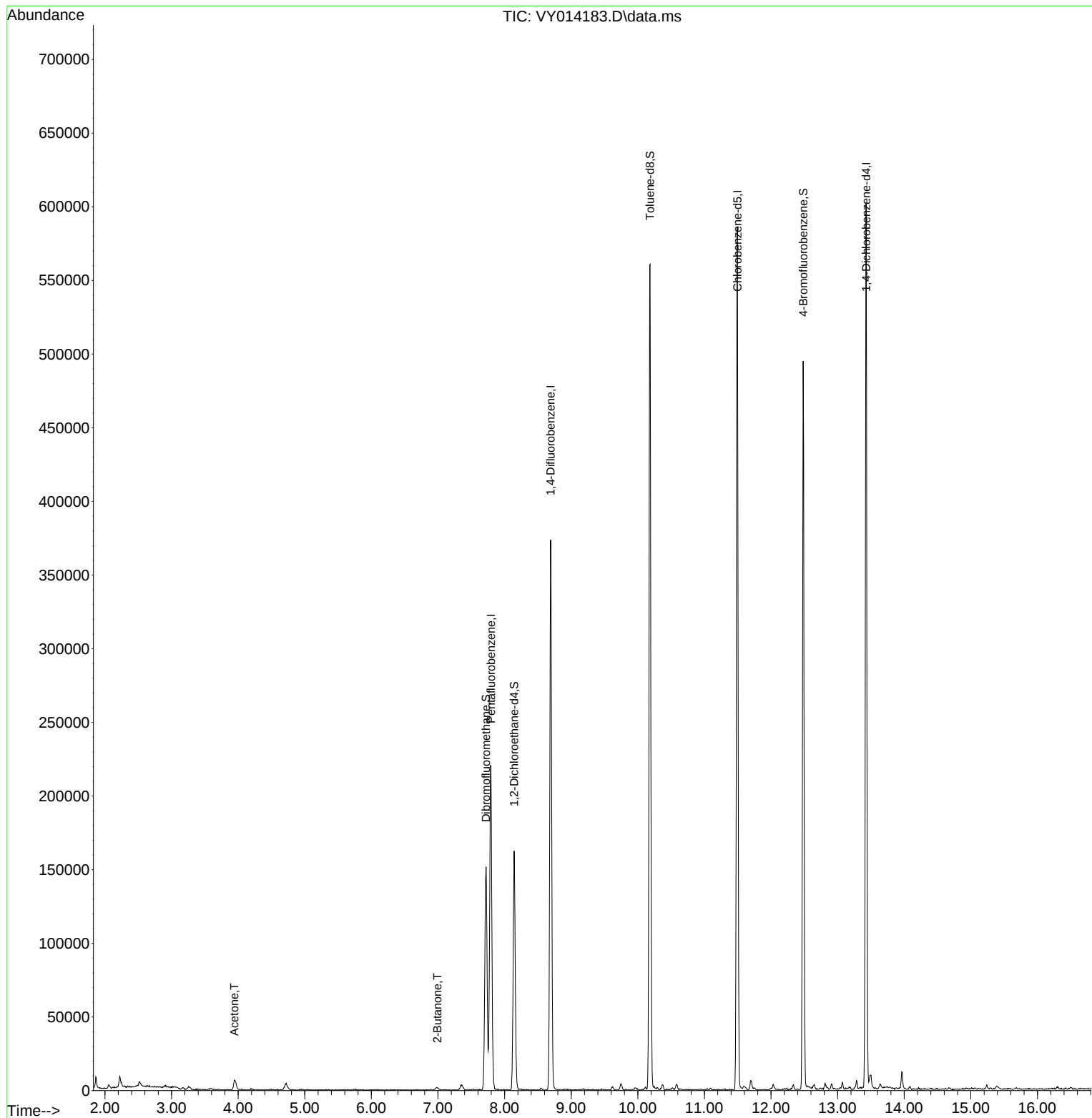
Internal Standards						
1) Pentafluorobenzene	7.795	168	170006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	316445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	128449	54.258	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.520%
35) Dibromofluoromethane	7.722	113	103144	48.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.185	98	375111	47.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.200%
62) 4-Bromofluorobenzene	12.483	95	134236	47.448	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.900%
Target Compounds						
						Qvalue
16) Acetone	3.942	43	12215	17.118	ug/l	91
25) 2-Butanone	6.990	43	1544	1.758	ug/l #	89

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

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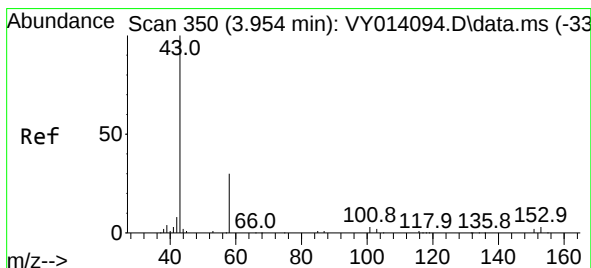
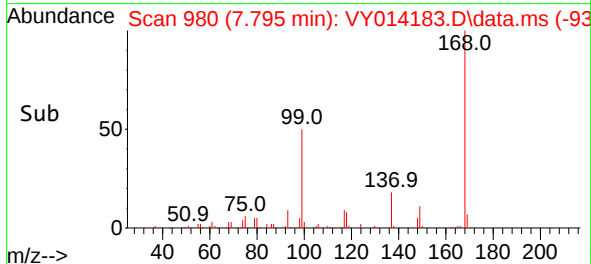
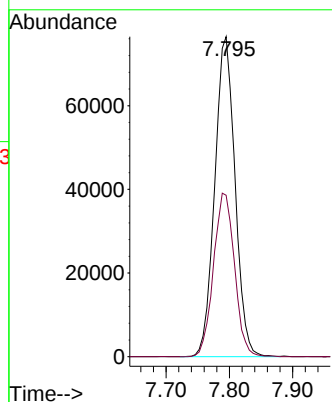
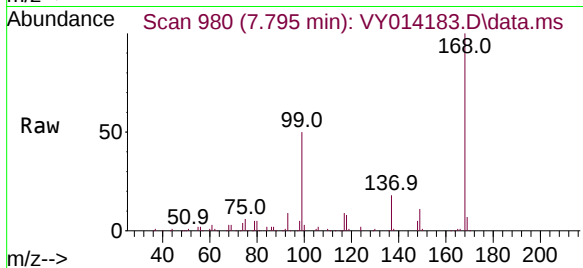




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014183.D
Acq: 15 Jun 2023 12:45

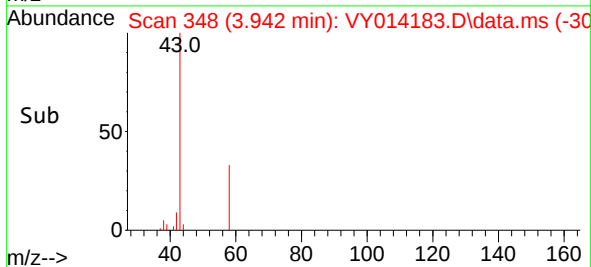
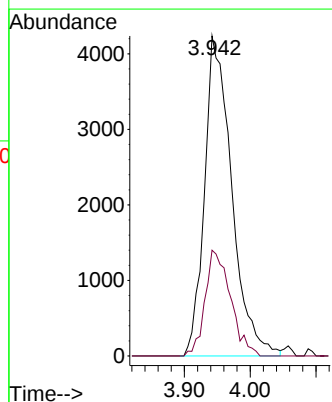
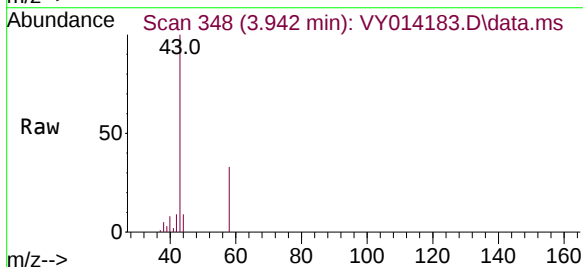
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-16-GRAB-7

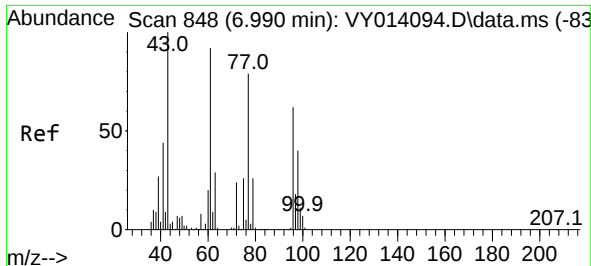
Tgt Ion:168 Resp: 170006
Ion Ratio Lower Upper
168 100
99 50.5 43.4 65.0



#16
Acetone
Concen: 17.118 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY014183.D
Acq: 15 Jun 2023 12:45

Tgt Ion: 43 Resp: 12215
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1

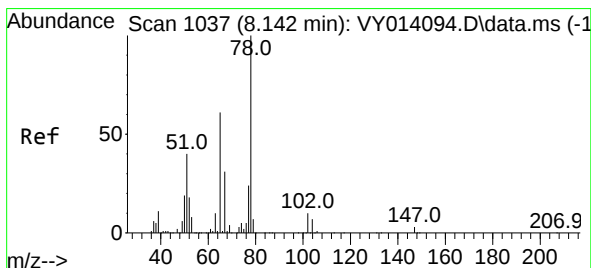
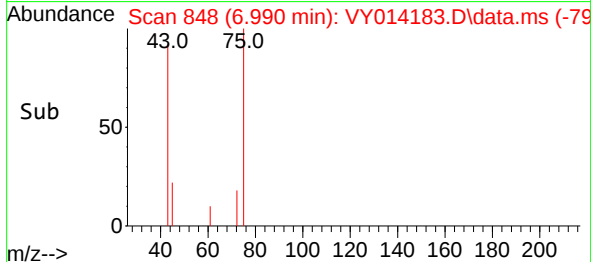
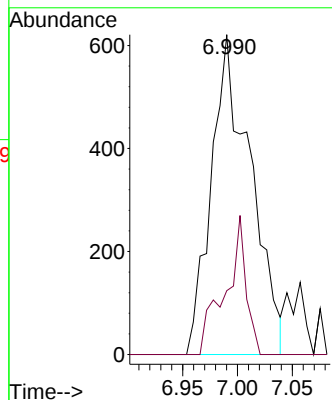
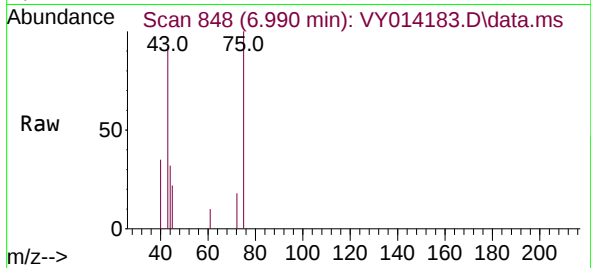




#25
2-Butanone
Concen: 1.758 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014183.D
Acq: 15 Jun 2023 12:45

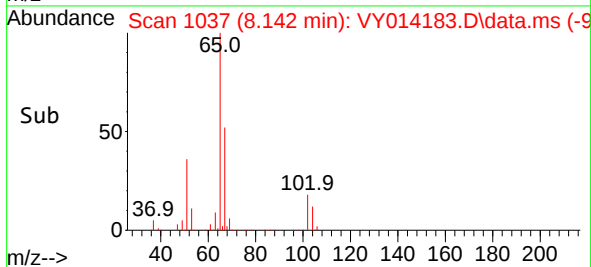
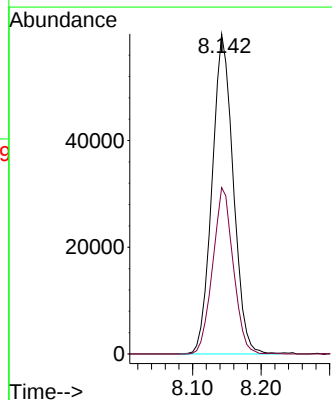
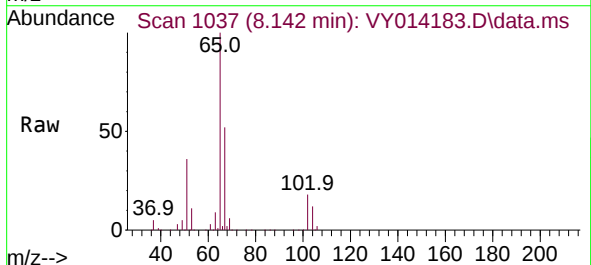
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-16-GRAB-7

Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
72 20.0 20.5 30.7#



#33
1,2-Dichloroethane-d4
Concen: 54.258 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014183.D
Acq: 15 Jun 2023 12:45

Tgt Ion: 65 Resp: 128449
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8

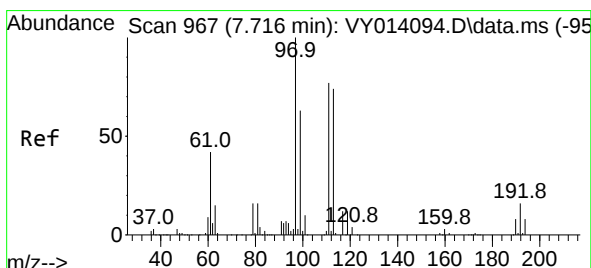
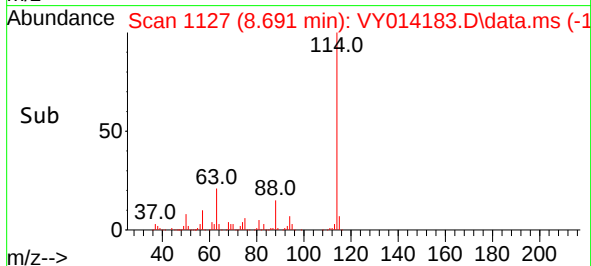
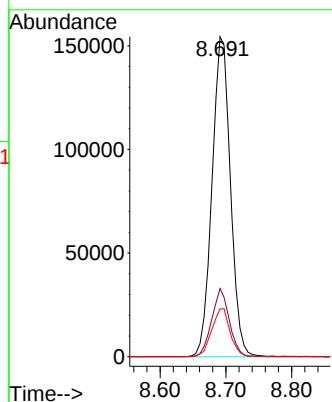
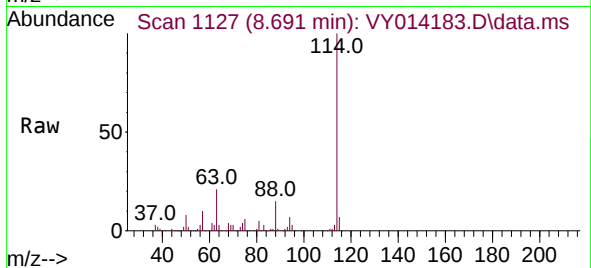




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014183.D
Acq: 15 Jun 2023 12:45

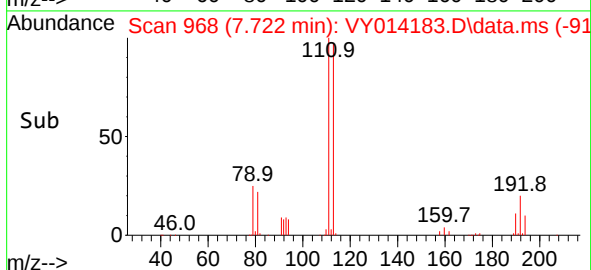
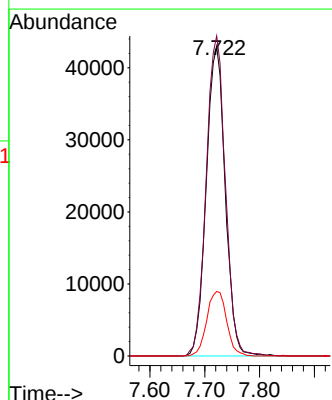
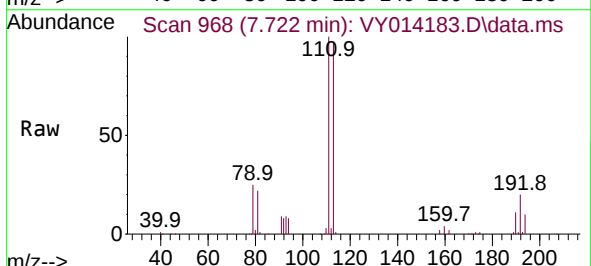
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-16-GRAB-7

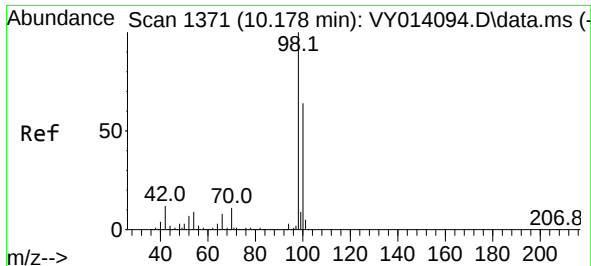
Tgt Ion:	114	Resp:	300383
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.4
88	14.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 48.419 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY014183.D
Acq: 15 Jun 2023 12:45

Tgt Ion:	113	Resp:	103144
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.3	121.9
192	21.7	16.9	25.3

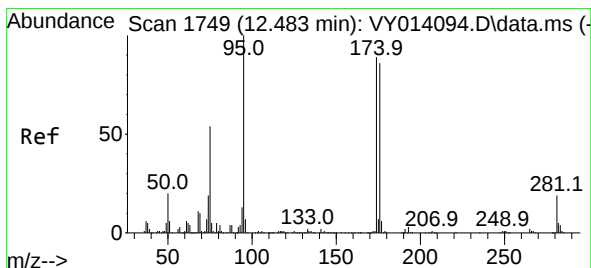
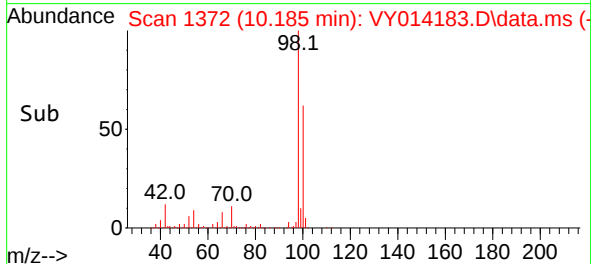
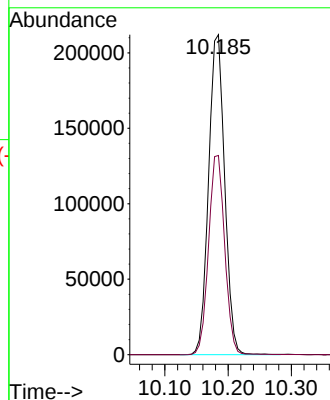
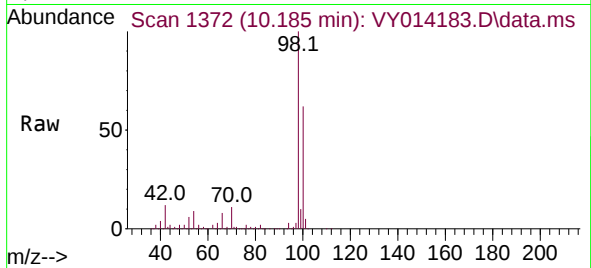




#50
Toluene-d8
Concen: 47.100 ug/l
RT: 10.185 min Scan# 1371
Delta R.T. 0.007 min
Lab File: VY014183.D
Acq: 15 Jun 2023 12:45

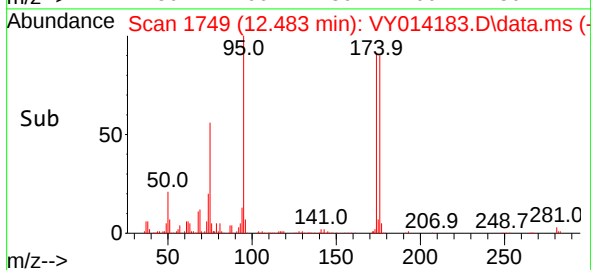
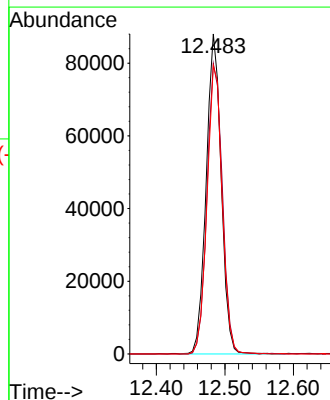
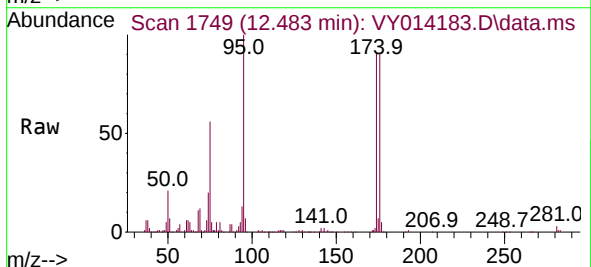
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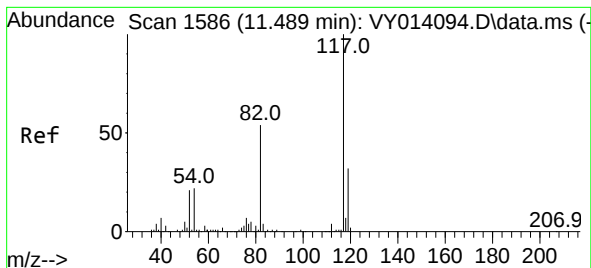
Tgt Ion: 98 Resp: 375111
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 47.448 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014183.D
Acq: 15 Jun 2023 12:45

Tgt Ion: 95 Resp: 134236
Ion Ratio Lower Upper
95 100
174 93.2 0.0 178.2
176 91.0 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: VY014183.D

Acq: 15 Jun 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-SB-16-GRAB-7

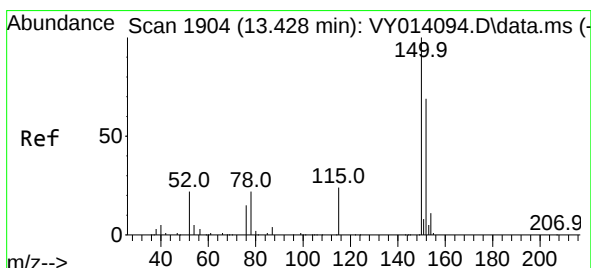
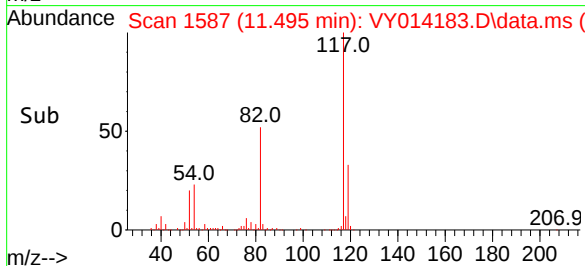
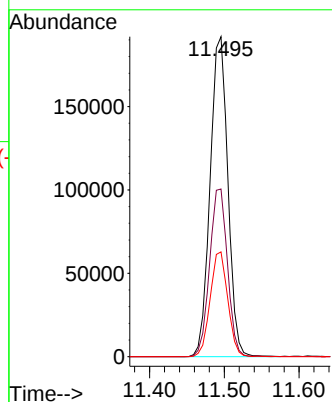
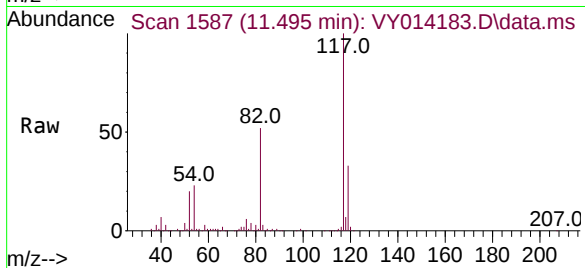
Tgt Ion:117 Resp: 316445

Ion Ratio Lower Upper

117 100

82 52.4 43.4 65.0

119 32.7 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: VY014183.D

Acq: 15 Jun 2023 12:45

Tgt Ion:152 Resp: 149819

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 157.0 0.0 348.8

