

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060923\
 Data File : VY014104.D
 Acq On : 09 Jun 2023 18:58
 Operator : KP/MD
 Sample : 03103-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-8-060823

Quant Time: Jun 10 05:15:08 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)

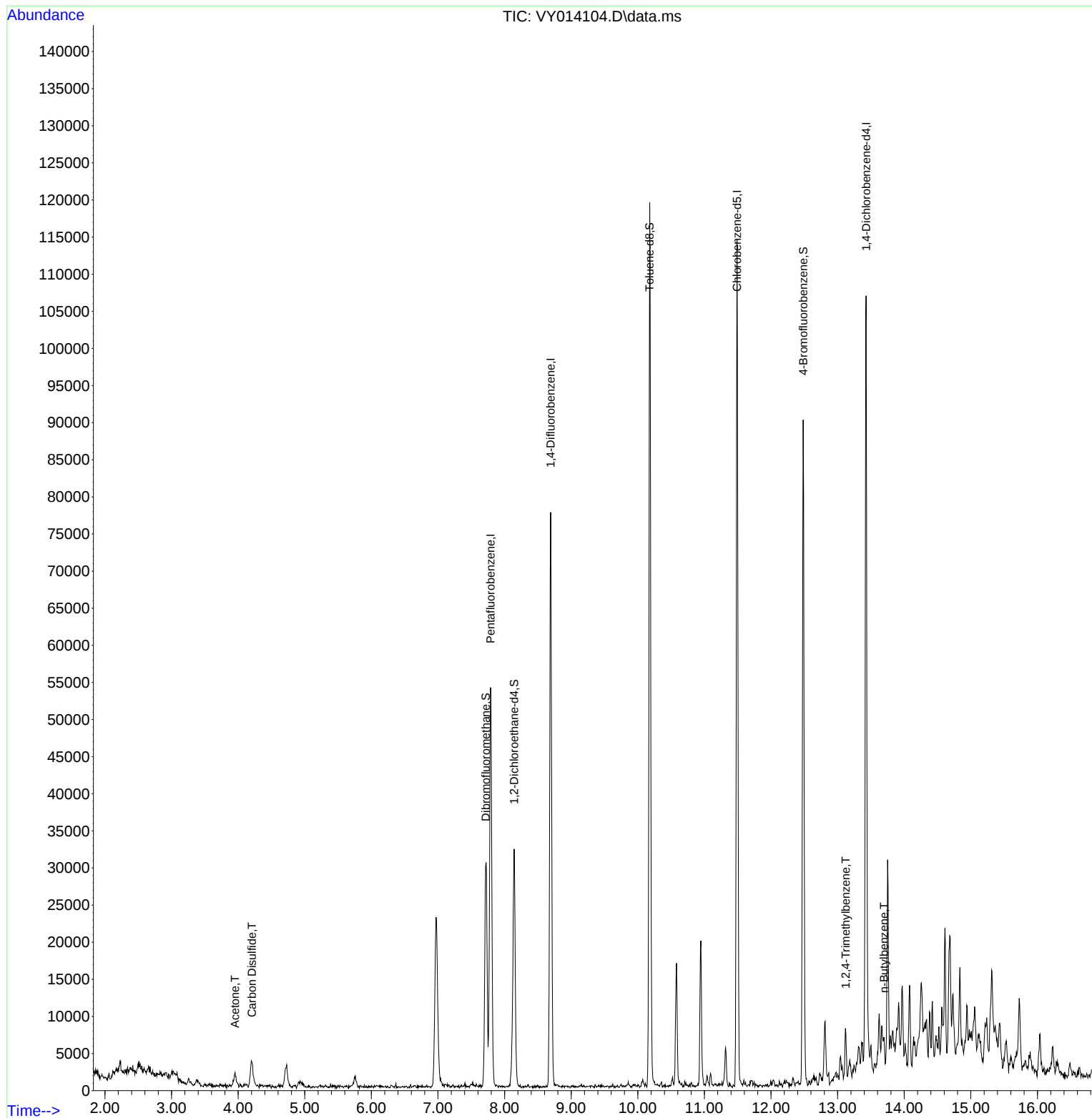
Internal Standards						
1) Pentafluorobenzene	7.789	168	42111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	63386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	60538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	27335	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	25174	42.930	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.860%
35) Dibromofluoromethane	7.716	113	21691	48.254	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.500%
50) Toluene-d8	10.179	98	77964	46.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.780%
62) 4-Bromofluorobenzene	12.483	95	22728	38.071	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.140%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	3236	18.307	ug/l	98
17) Carbon Disulfide	4.204	76	1722	1.105	ug/l #	85
84) 1,2,4-Trimethylbenzene	13.123	105	3849	2.178	ug/l	99
89) n-Butylbenzene	13.696	91	2403	1.372	ug/l	83

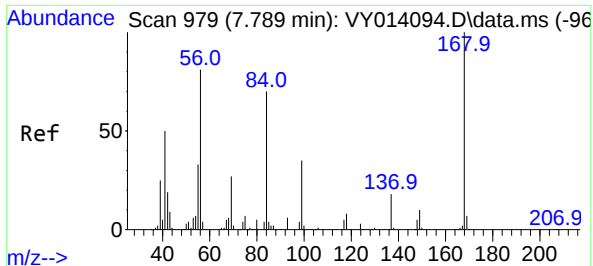
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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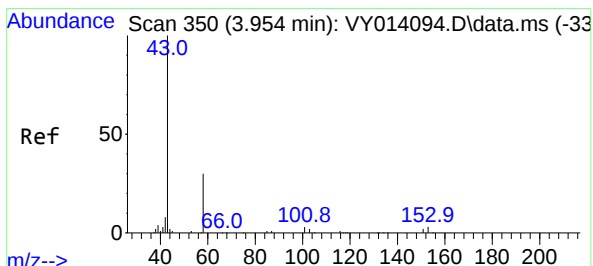
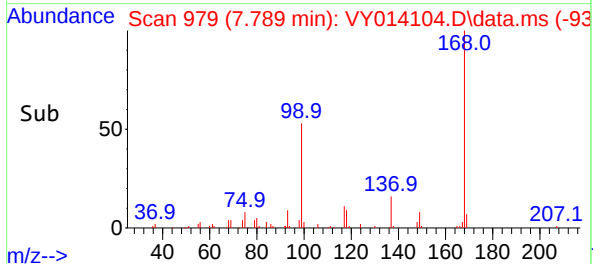
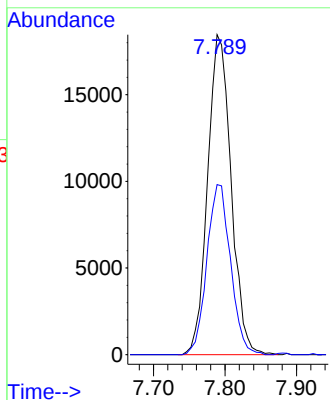
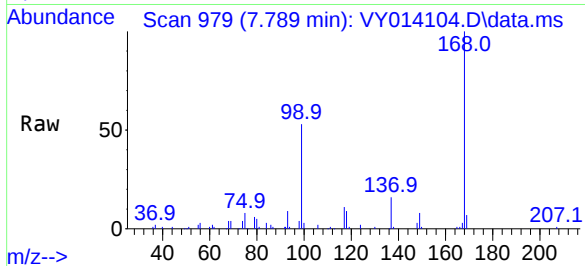




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014104.D
Acq: 09 Jun 2023 18:58

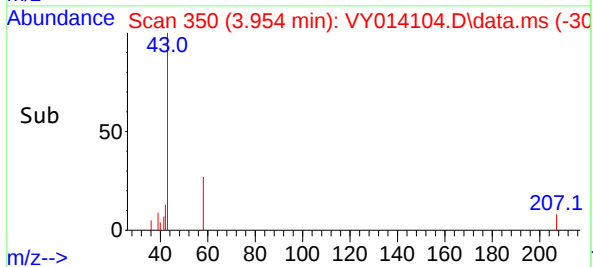
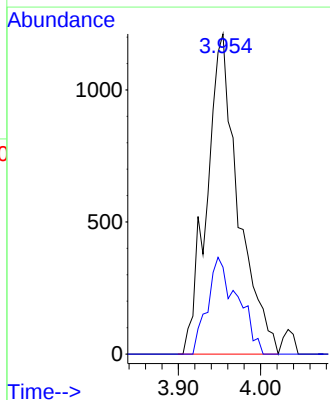
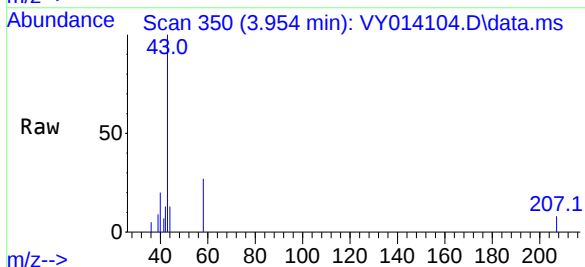
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-060823

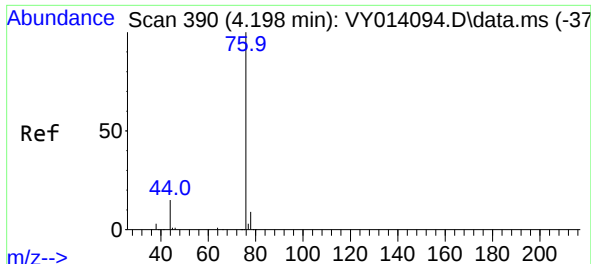
Tgt Ion:168 Resp: 42111
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#16
Acetone
Concen: 18.307 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014104.D
Acq: 09 Jun 2023 18:58

Tgt Ion: 43 Resp: 3236
Ion Ratio Lower Upper
43 100
58 27.1 22.7 34.1

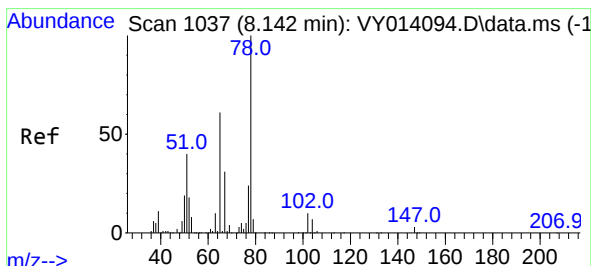
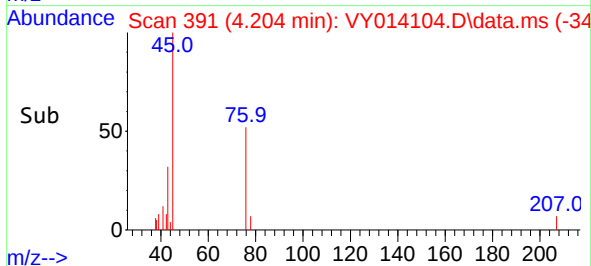
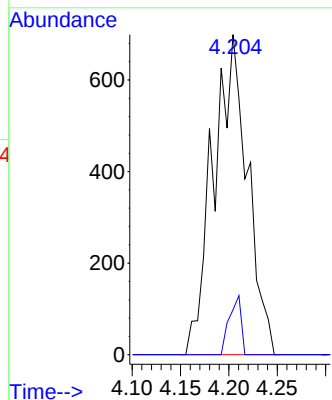
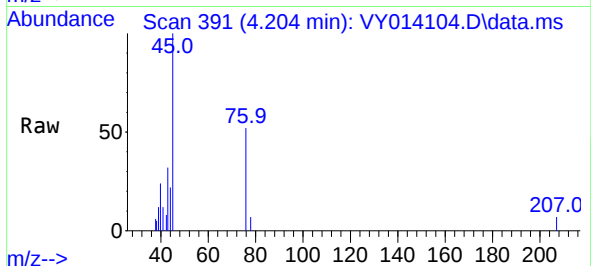




#17
Carbon Disulfide
Concen: 1.105 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY014104.D
Acq: 09 Jun 2023 18:58

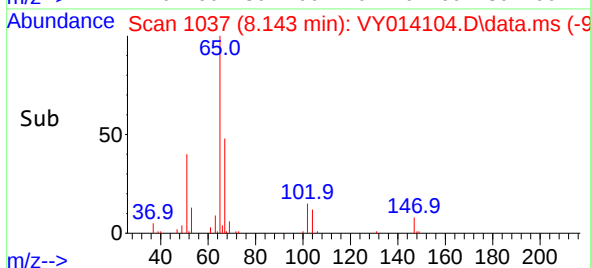
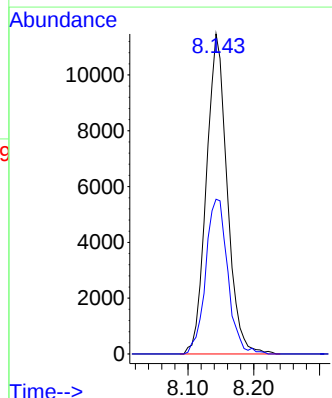
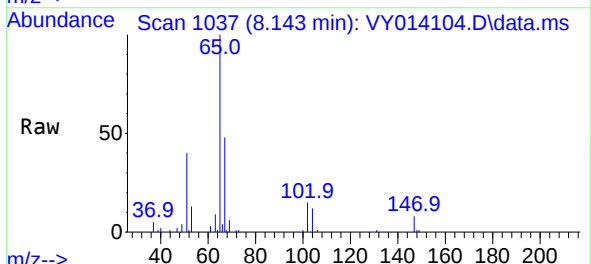
Instrument :
MSVOA_Y
ClientSampleId :
NB-8-060823

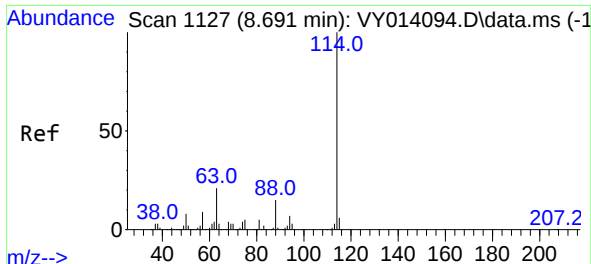
Tgt Ion: 76 Resp: 1722
Ion Ratio Lower Upper
76 100
78 14.0 7.0 10.4#



#33
1,2-Dichloroethane-d4
Concen: 42.930 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014104.D
Acq: 09 Jun 2023 18:58

Tgt Ion: 65 Resp: 25174
Ion Ratio Lower Upper
65 100
67 51.5 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: VY014104.D

Acq: 09 Jun 2023 18:58

Instrument :

MSVOA_Y

ClientSampleId :

NB-8-060823

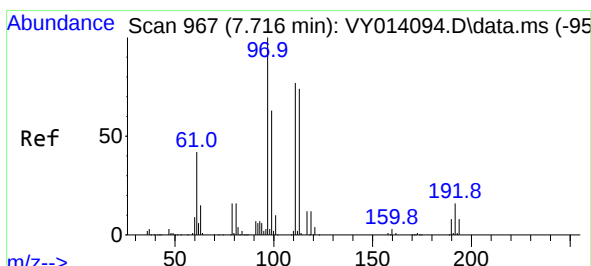
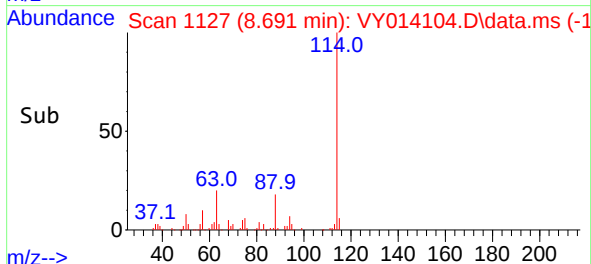
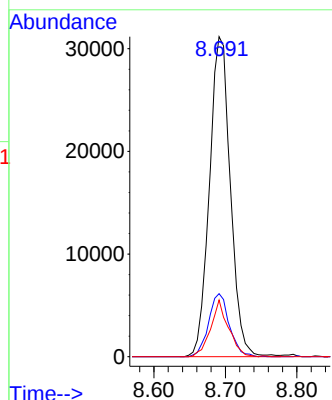
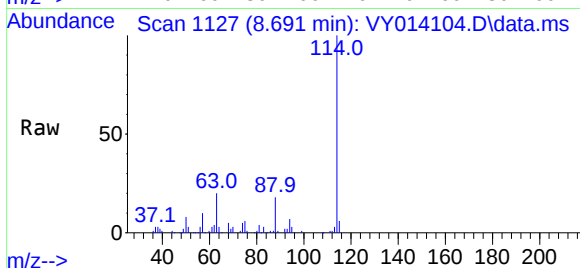
Tgt Ion:114 Resp: 63386

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 17.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.254 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014104.D

Acq: 09 Jun 2023 18:58

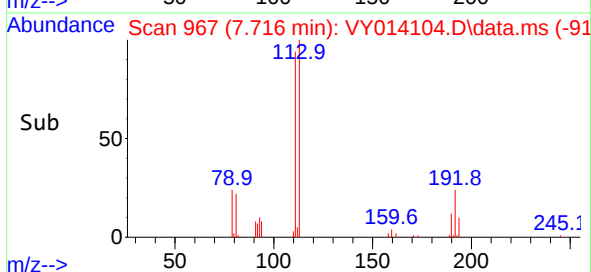
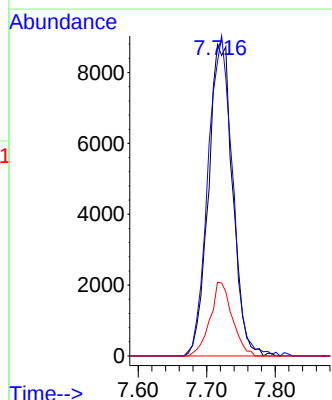
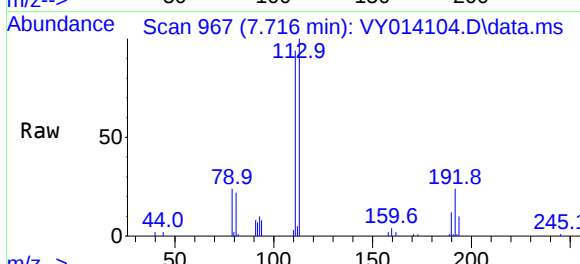
Tgt Ion:113 Resp: 21691

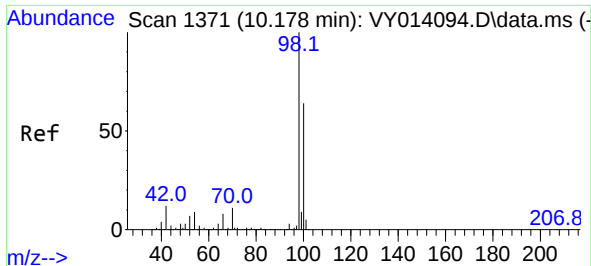
Ion Ratio Lower Upper

113 100

111 103.3 81.3 121.9

192 21.6 16.9 25.3

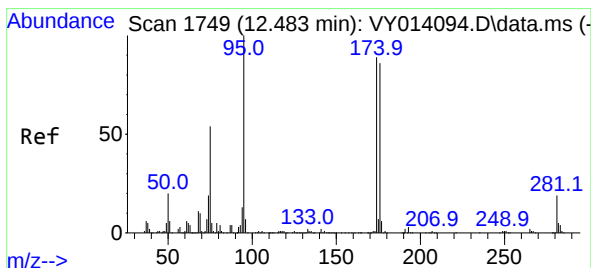
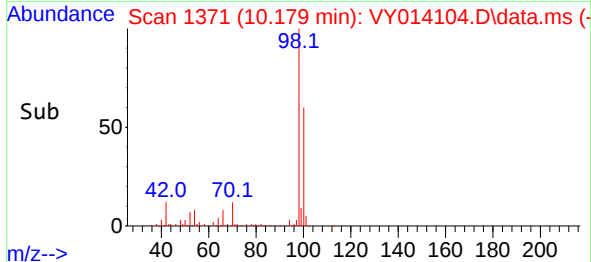
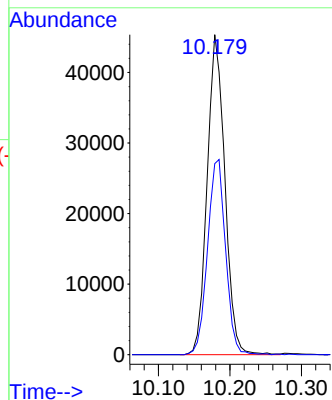
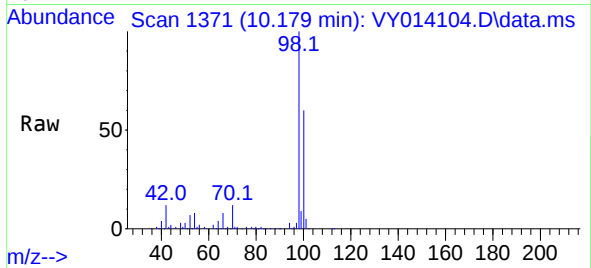




#50
Toluene-d8
Concen: 46.391 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014104.D
Acq: 09 Jun 2023 18:58

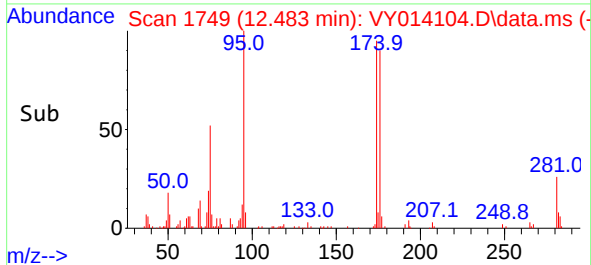
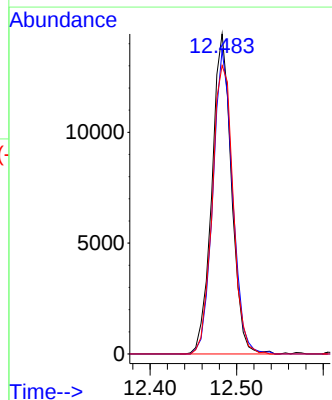
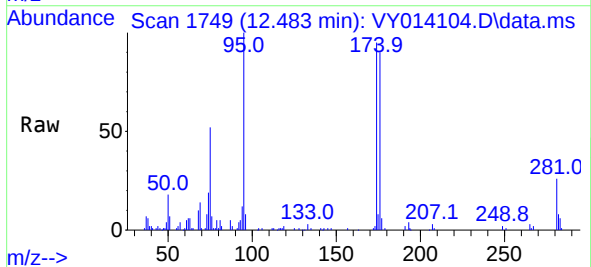
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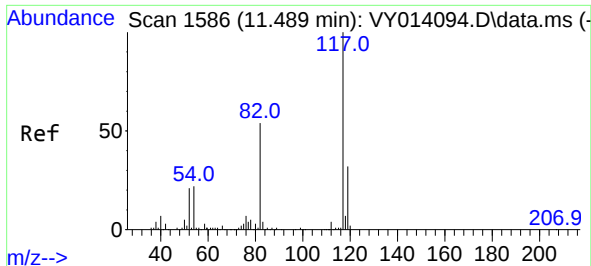
Tgt Ion: 98 Resp: 77964
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.071 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014104.D
Acq: 09 Jun 2023 18:58

Tgt Ion: 95 Resp: 22728
Ion Ratio Lower Upper
95 100
174 94.9 0.0 178.2
176 95.3 0.0 173.8

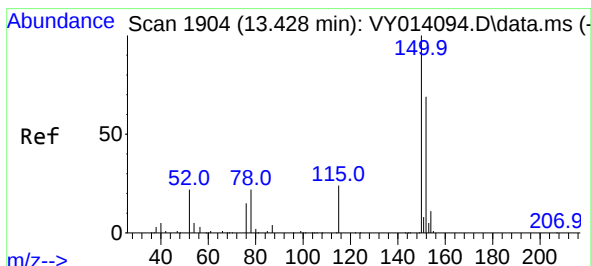
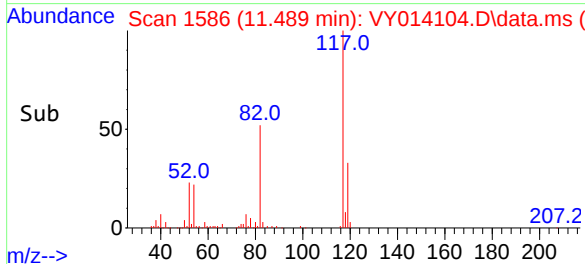
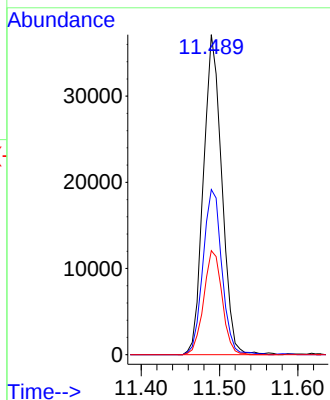
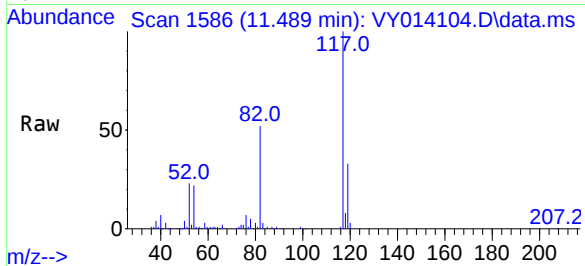




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014104.D
Acq: 09 Jun 2023 18:58

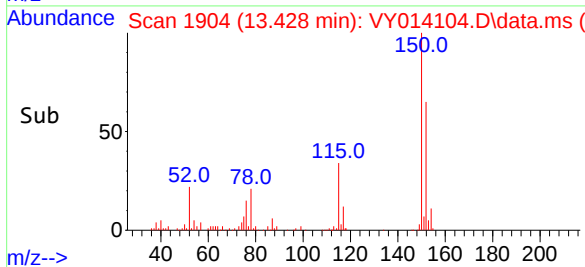
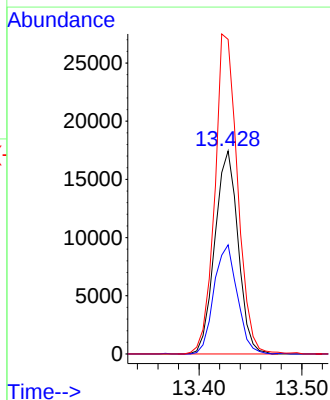
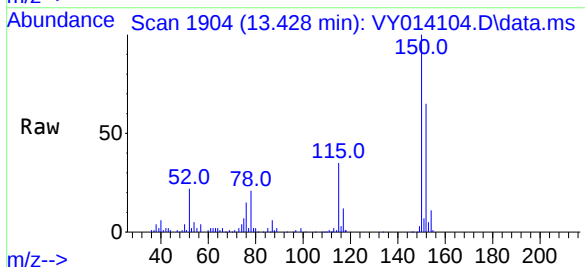
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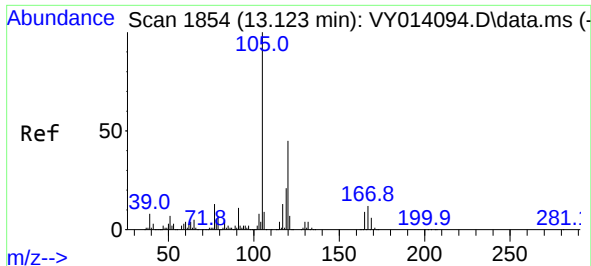
Tgt Ion:	117	Resp:	60538
Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.4	65.0
119	32.5	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014104.D
Acq: 09 Jun 2023 18:58

Tgt Ion:	152	Resp:	27335
Ion	Ratio	Lower	Upper
152	100		
115	53.9	28.8	86.5
150	154.7	0.0	348.8

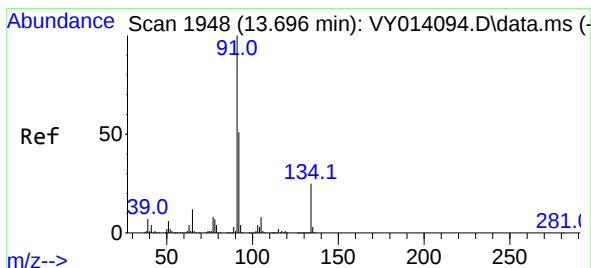
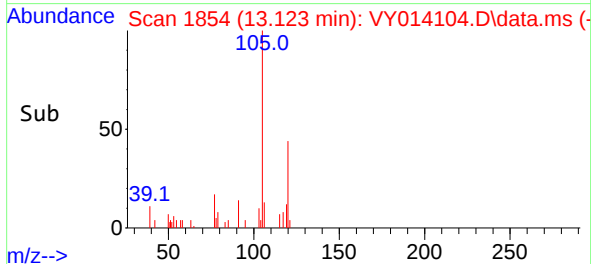
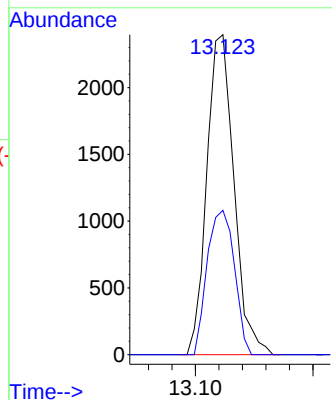
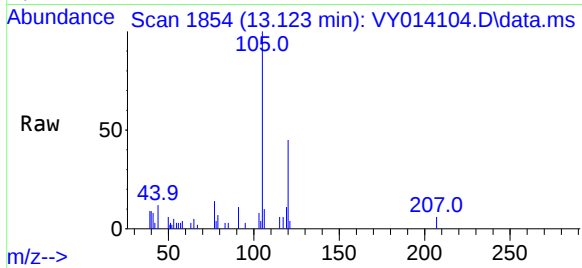




#84
1,2,4-Trimethylbenzene
Concen: 2.178 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014104.D
Acq: 09 Jun 2023 18:58

Instrument :
MSVOA_Y
ClientSampleId :
NB-8-060823

Tgt Ion:105 Resp: 3849
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6



#89
n-Butylbenzene
Concen: 1.372 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014104.D
Acq: 09 Jun 2023 18:58

Tgt Ion: 91 Resp: 2403
Ion Ratio Lower Upper
91 100
92 36.5 25.4 76.0
134 20.0 12.6 37.6

