

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014221.D
 Acq On : 16 Jun 2023 22:15
 Operator : KP/MD
 Sample : 03224-10RE
 Misc : 5.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-SB-10-GRAB-6RE

Quant Time: Jun 16 23:28:35 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)

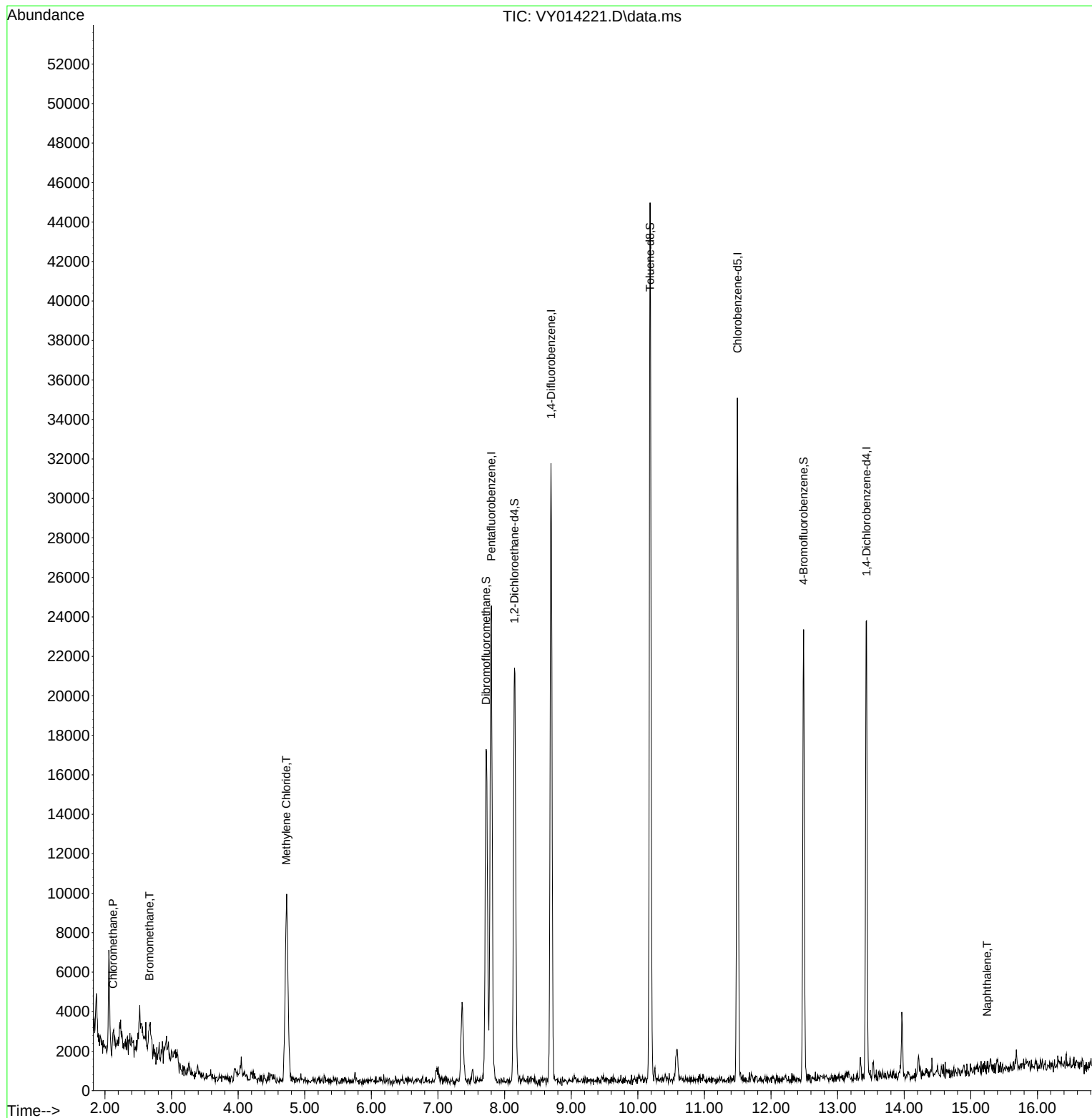
Internal Standards						
1) Pentafluorobenzene	7.801	168	19151	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	26375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	19377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	6560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	19215	72.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.100%
35) Dibromofluoromethane	7.722	113	11769	62.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	125.840%
50) Toluene-d8	10.185	98	29303	41.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.800%
62) 4-Bromofluorobenzene	12.489	95	6009	24.190	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	48.380%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	1228	4.538	ug/l	89
5) Bromomethane	2.668	94	609	2.805	ug/l #	57
20) Methylene Chloride	4.722	84	6810	24.723	ug/l #	84
95) Naphthalene	15.245	128	297	1.024	ug/l #	76

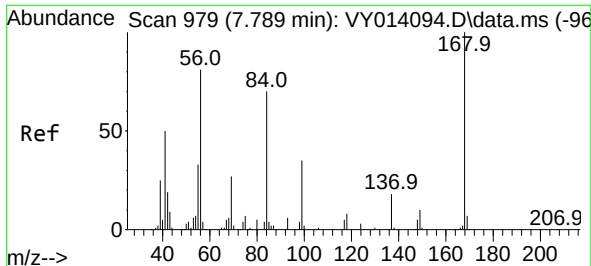
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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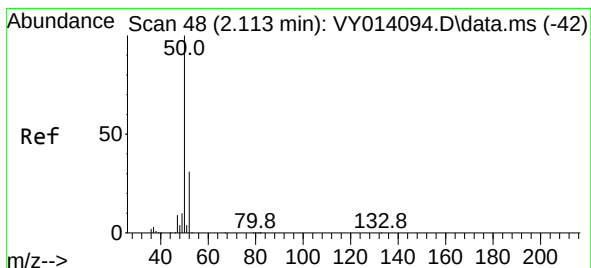
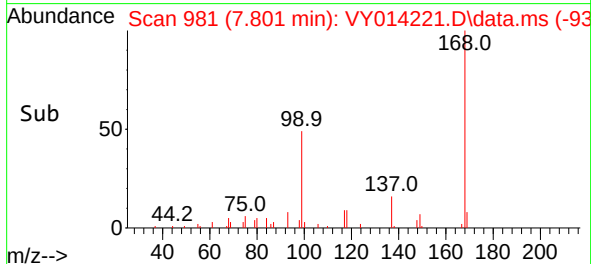
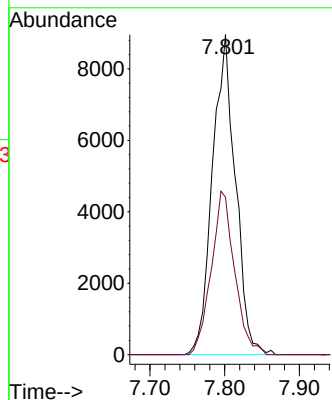
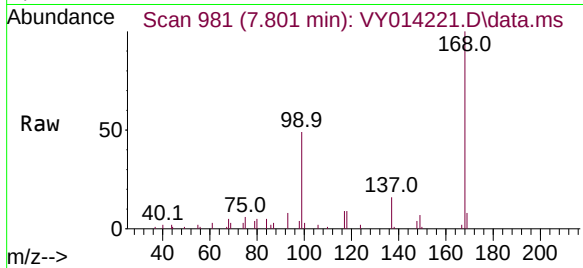




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY014221.D
Acq: 16 Jun 2023 22:15

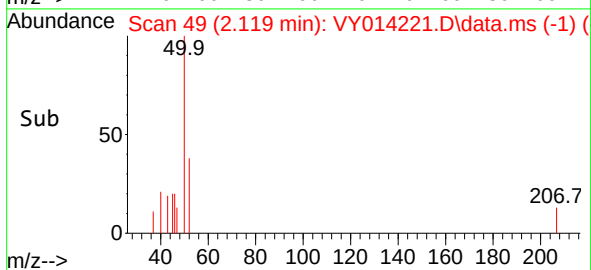
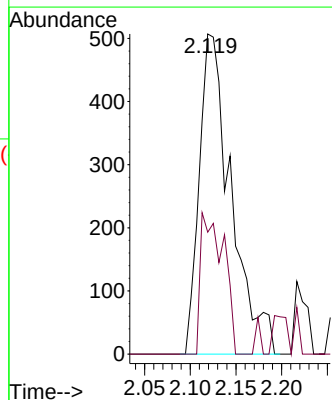
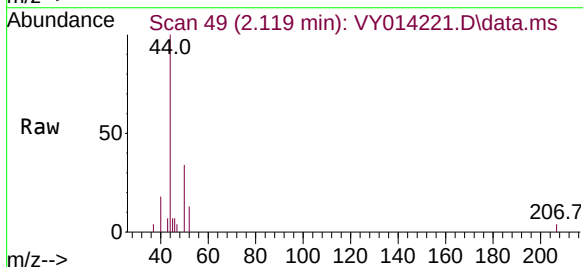
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-10-GRAB-6RE

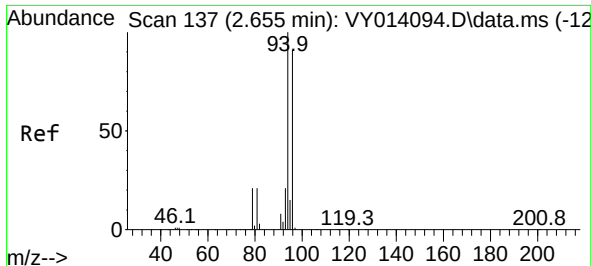
Tgt Ion:168 Resp: 19151
Ion Ratio Lower Upper
168 100
99 49.2 43.4 65.0



#3
Chloromethane
Concen: 4.538 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY014221.D
Acq: 16 Jun 2023 22:15

Tgt Ion: 50 Resp: 1228
Ion Ratio Lower Upper
50 100
52 38.1 25.4 38.2

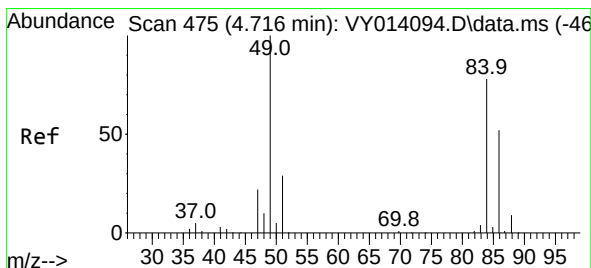
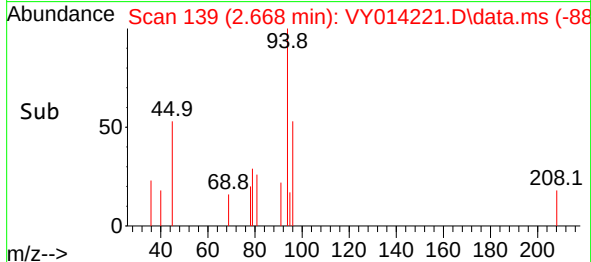
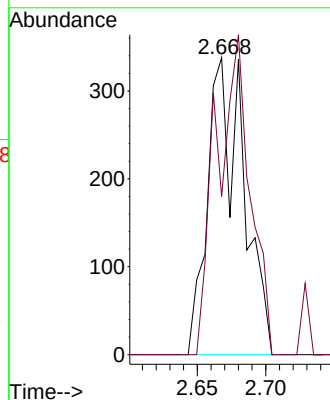
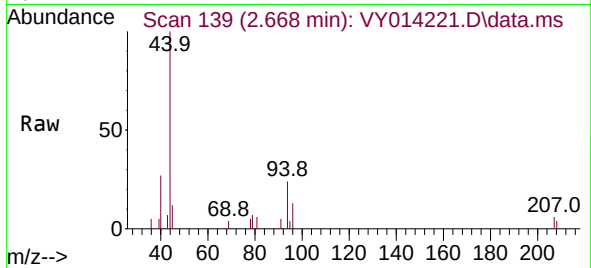




#5
Bromomethane
Concen: 2.805 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY014221.D
Acq: 16 Jun 2023 22:15

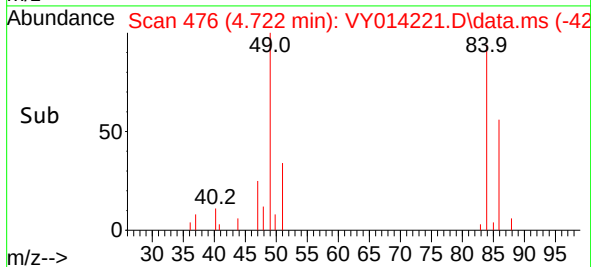
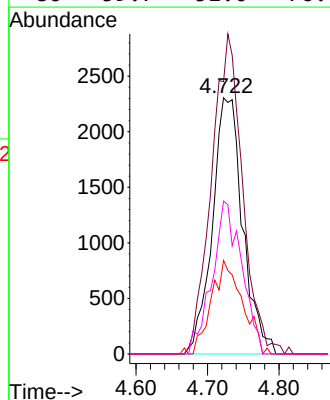
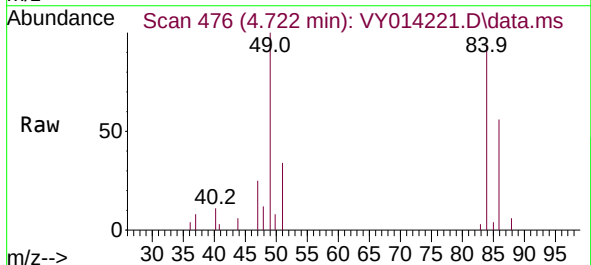
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-SB-10-GRAB-6RE

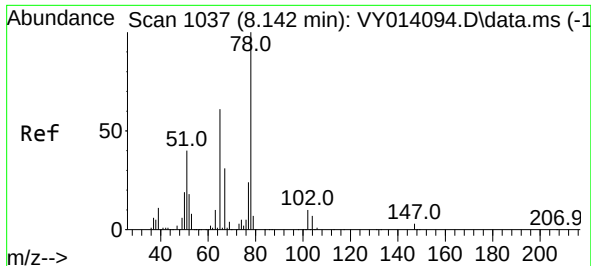
Tgt Ion: 94 Resp: 609
Ion Ratio Lower Upper
94 100
96 53.3 75.8 113.6#



#20
Methylene Chloride
Concen: 24.723 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY014221.D
Acq: 16 Jun 2023 22:15

Tgt Ion: 84 Resp: 6810
Ion Ratio Lower Upper
84 100
49 106.3 106.9 160.3#
51 36.6 33.2 49.8
86 59.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 72.052 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY014221.D

Acq: 16 Jun 2023 22:15

Instrument :

MSVOA_Y

ClientSampleId :

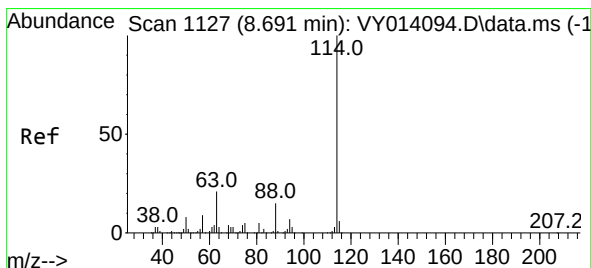
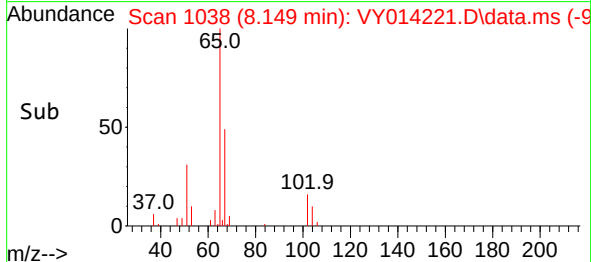
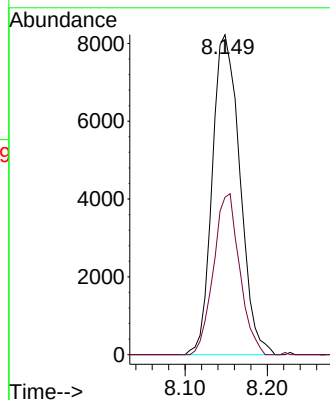
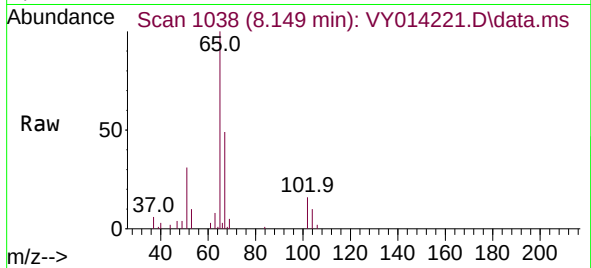
TOTAL-VOC-SB-10-GRAB-6RE

Tgt Ion: 65 Resp: 19215

Ion Ratio Lower Upper

65 100

67 47.6 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: VY014221.D

Acq: 16 Jun 2023 22:15

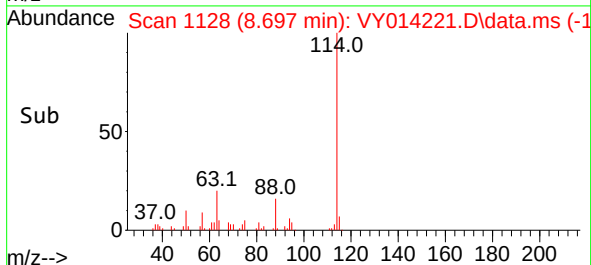
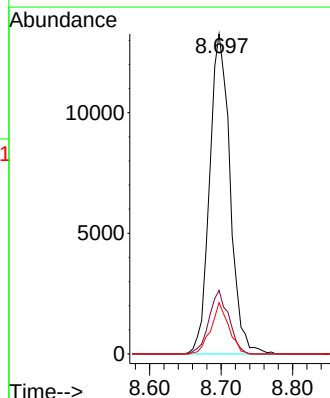
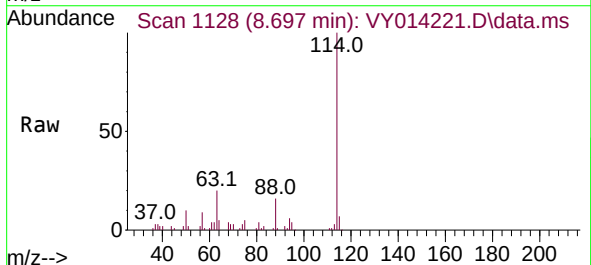
Tgt Ion: 114 Resp: 26375

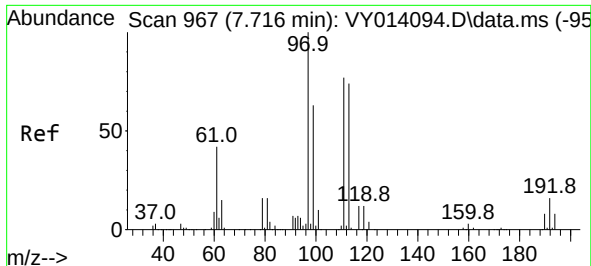
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 16.0 0.0 30.6

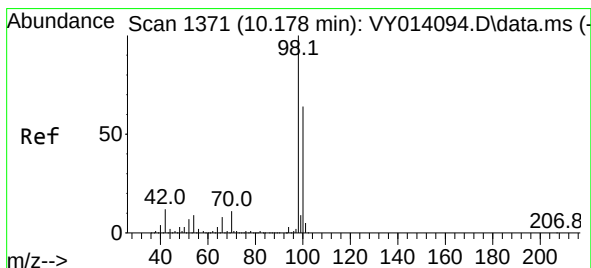
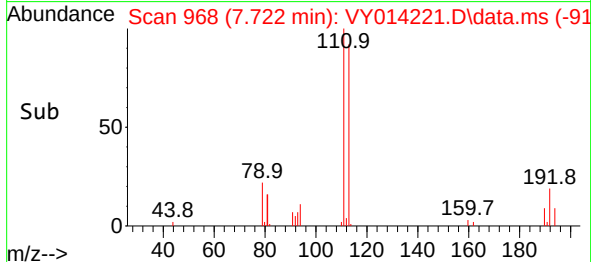
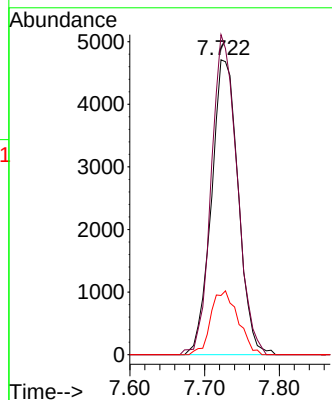
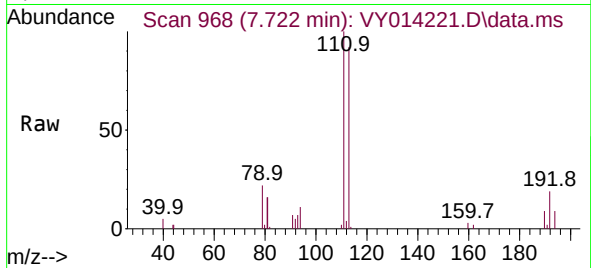




#35
Dibromofluoromethane
Concen: 62.920 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014221.D
Acq: 16 Jun 2023 22:15

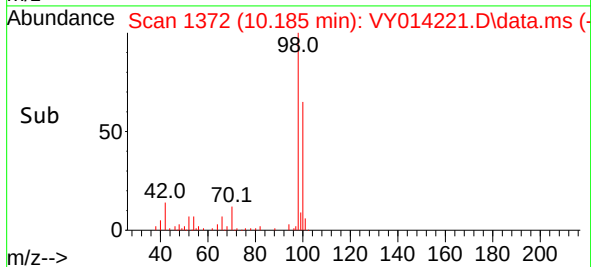
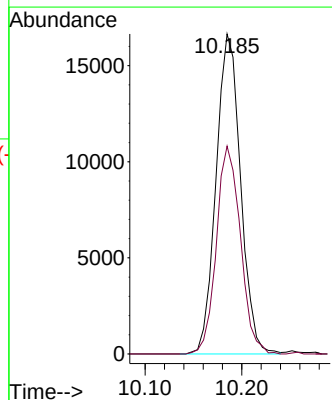
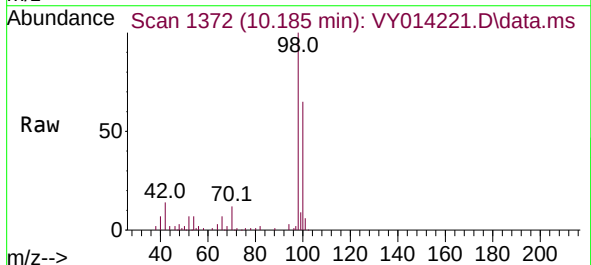
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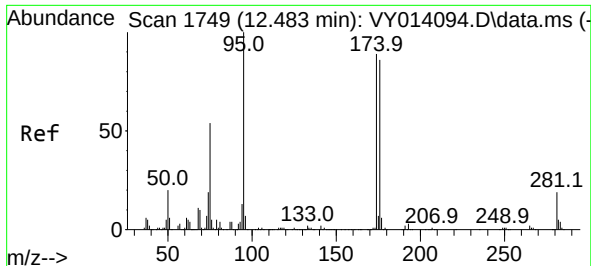
Tgt Ion:113 Resp: 11769
Ion Ratio Lower Upper
113 100
111 104.3 81.3 121.9
192 22.0 16.9 25.3



#50
Toluene-d8
Concen: 41.904 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014221.D
Acq: 16 Jun 2023 22:15

Tgt Ion: 98 Resp: 29303
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1

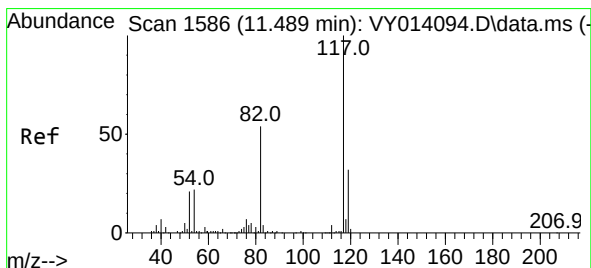
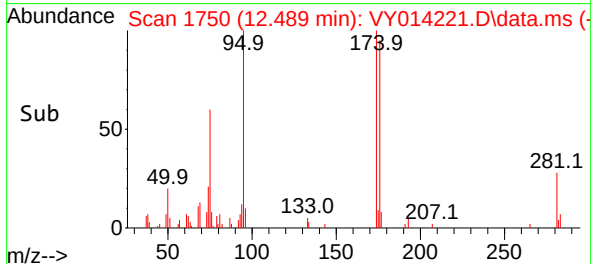
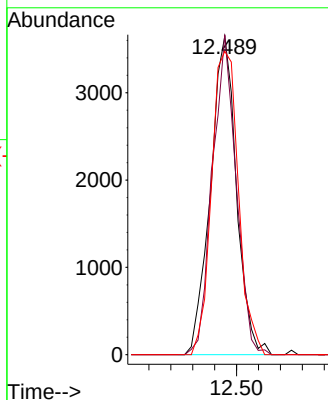
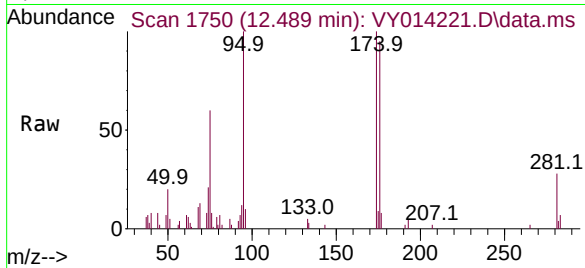




#62
4-Bromofluorobenzene
Concen: 24.190 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014221.D
Acq: 16 Jun 2023 22:15

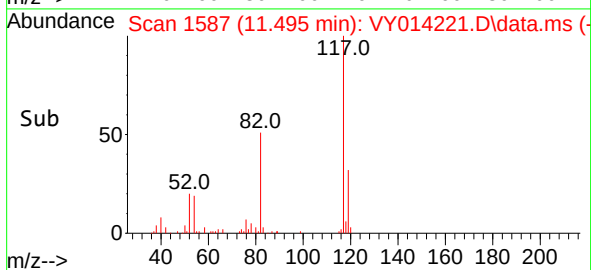
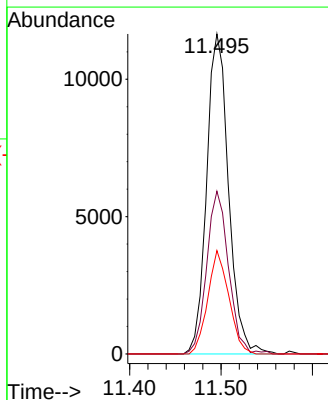
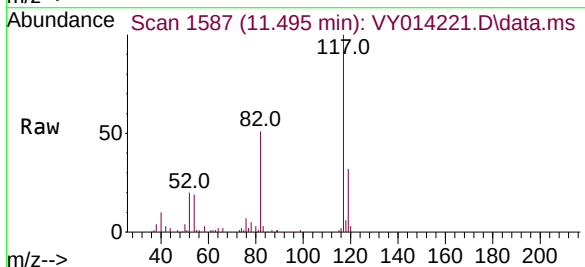
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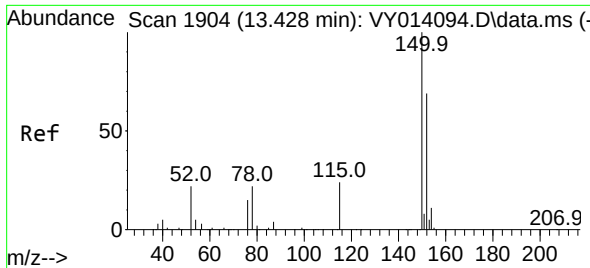
Tgt Ion: 95 Resp: 6009
Ion Ratio Lower Upper
95 100
174 91.6 0.0 178.2
176 98.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY014221.D
Acq: 16 Jun 2023 22:15

Tgt Ion: 117 Resp: 19377
Ion Ratio Lower Upper
117 100
82 50.8 43.4 65.0
119 32.3 26.3 39.5

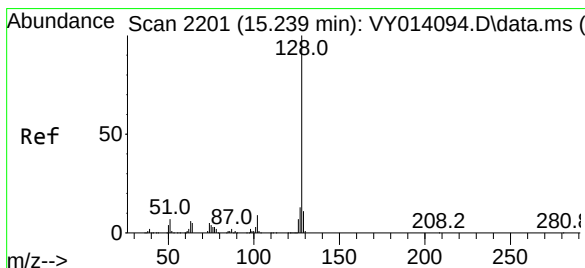
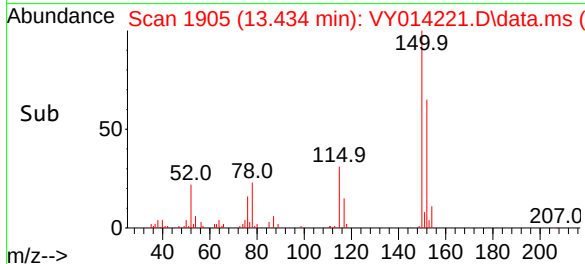
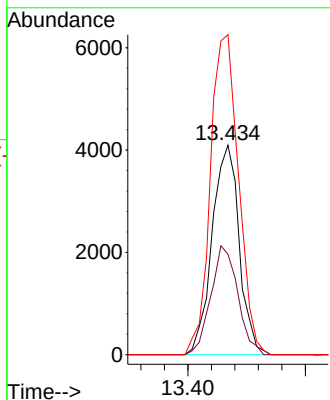
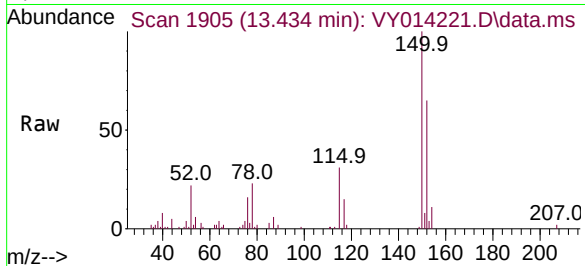




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY014221.D
 Acq: 16 Jun 2023 22:15

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 TOTAL-VOC-SB-10-GRAB-6RE

Tgt Ion:152 Resp: 6560
 Ion Ratio Lower Upper
 152 100
 115 51.6 28.8 86.5
 150 158.6 0.0 348.8



#95
 Naphthalene
 Concen: 1.024 ug/l
 RT: 15.245 min Scan# 2202
 Delta R.T. 0.006 min
 Lab File: VY014221.D
 Acq: 16 Jun 2023 22:15

Tgt Ion:128 Resp: 297
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.8 16.2#
 129 6.4 8.6 13.0#

