

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018208.D
 Acq On : 09 May 2024 13:44
 Operator : SY/MD
 Sample : P2423-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-GG-VOC

Quant Time: May 10 01:17:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

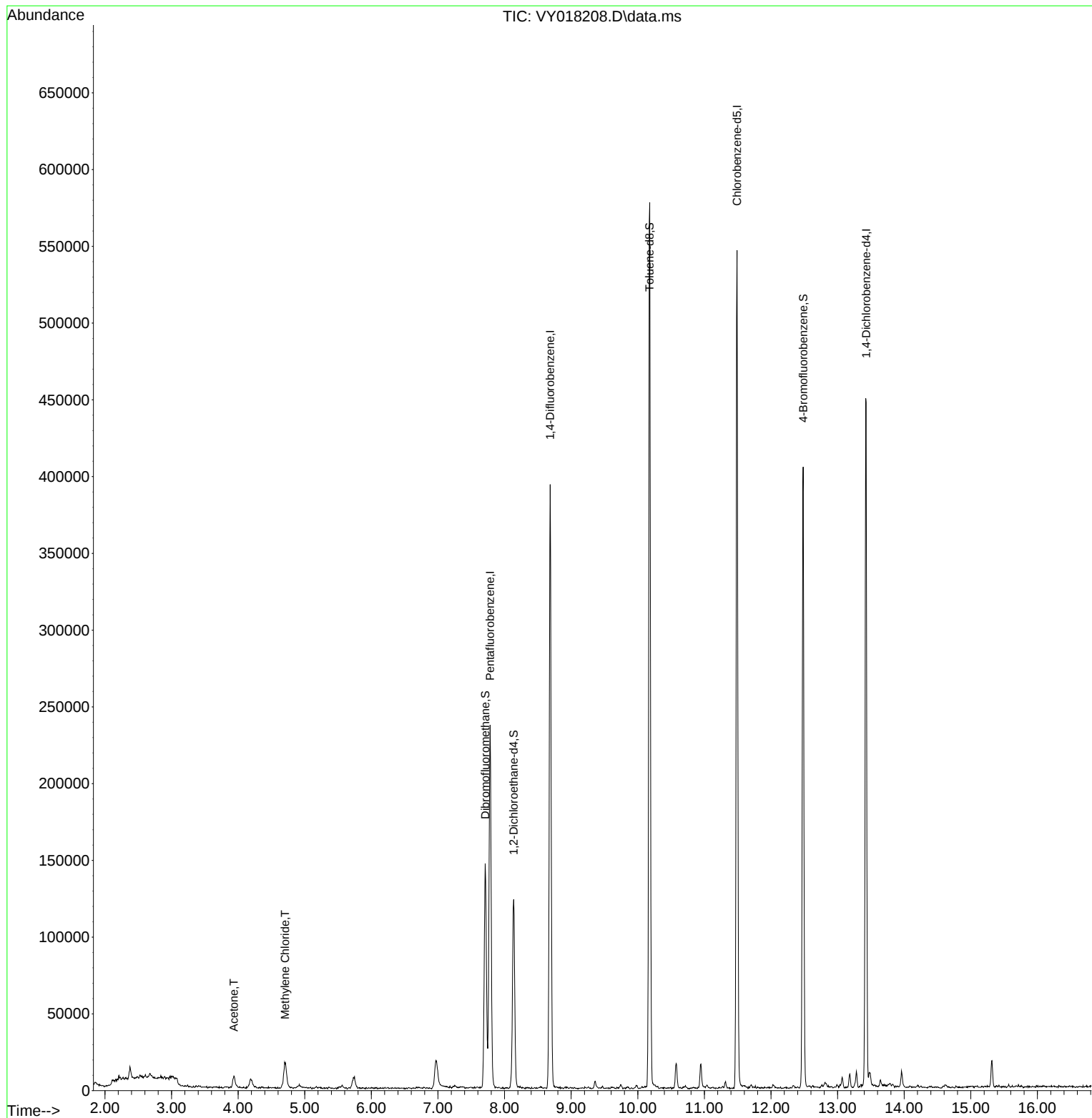
Internal Standards						
1) Pentafluorobenzene	7.783	168	185458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	347566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	317899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	90919	66.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.280%
35) Dibromofluoromethane	7.710	113	103023	56.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.800%
50) Toluene-d8	10.179	98	392842	54.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.160%
62) 4-Bromofluorobenzene	12.483	95	123005	52.916	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.840%
Target Compounds						
						Qvalue
16) Acetone	3.936	43	12292	45.146	ug/l	89
20) Methylene Chloride	4.704	84	13344	6.934	ug/l #	86

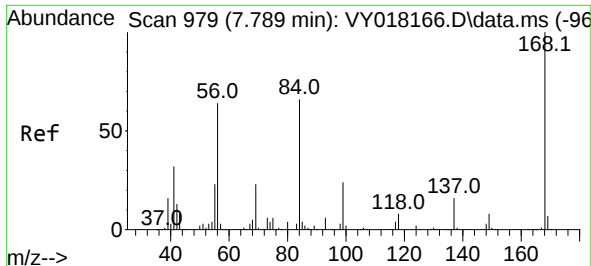
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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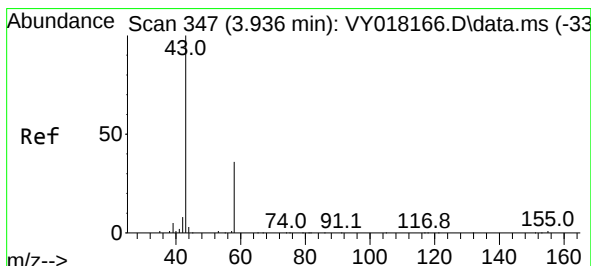
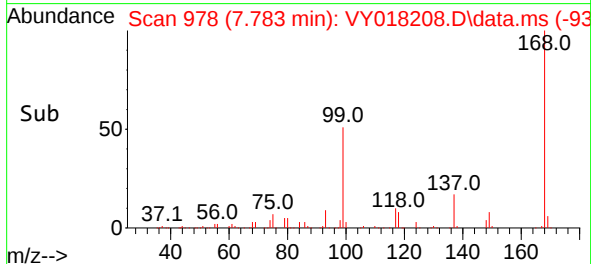
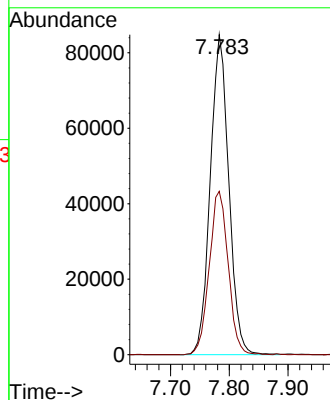
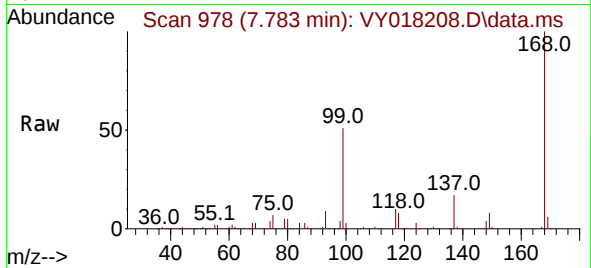




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

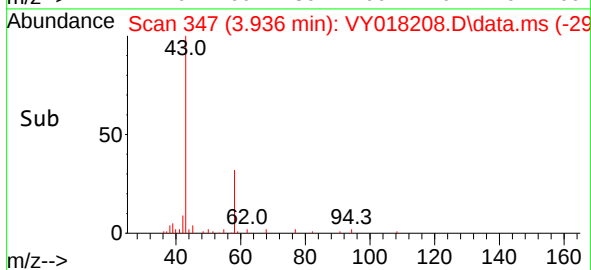
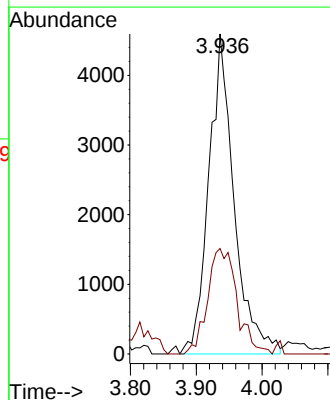
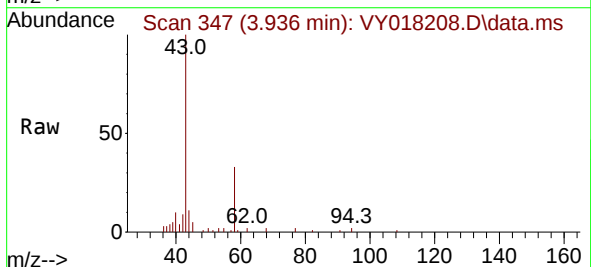
Instrument :
MSVOA_Y
ClientSampleId :
WC-GG-VOC

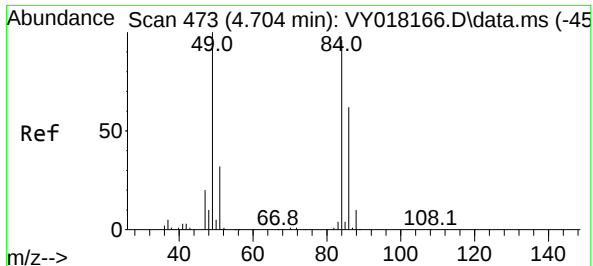
Tgt Ion:168 Resp: 185458
Ion Ratio Lower Upper
168 100
99 51.1 39.1 58.7



#16
Acetone
Concen: 45.146 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

Tgt Ion: 43 Resp: 12292
Ion Ratio Lower Upper
43 100
58 33.0 31.7 47.5

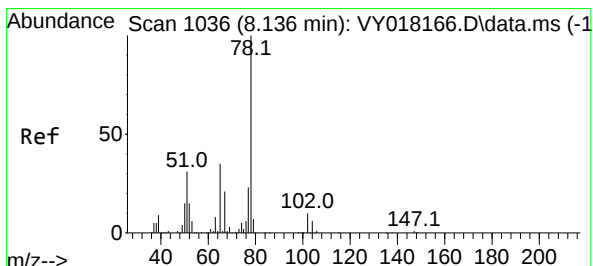
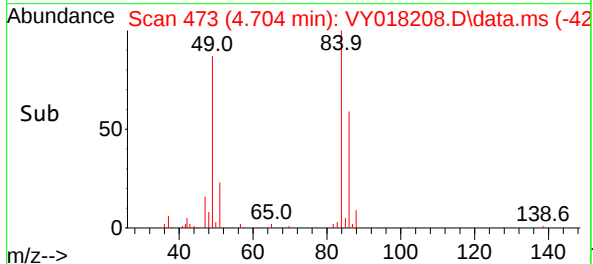
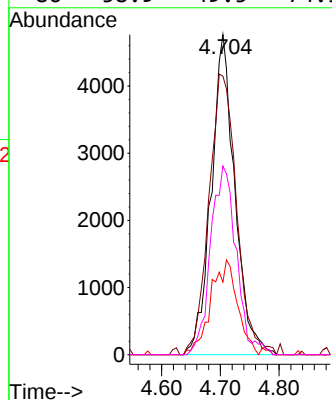
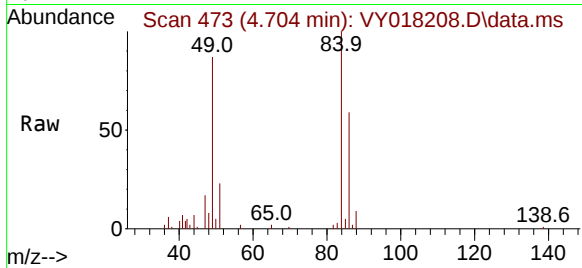




#20
Methylene Chloride
Concen: 6.934 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

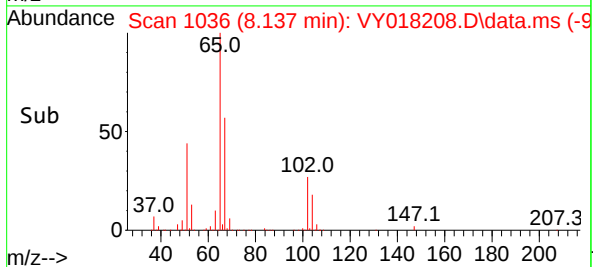
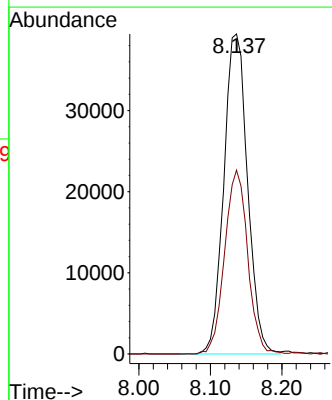
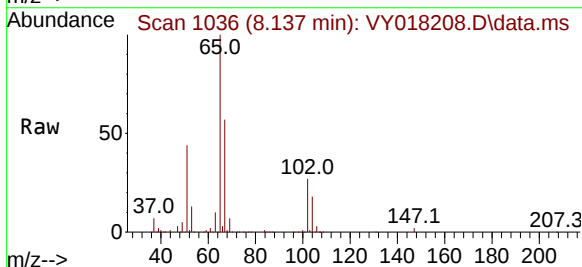
Instrument :
MSVOA_Y
ClientSampleId :
WC-GG-VOC

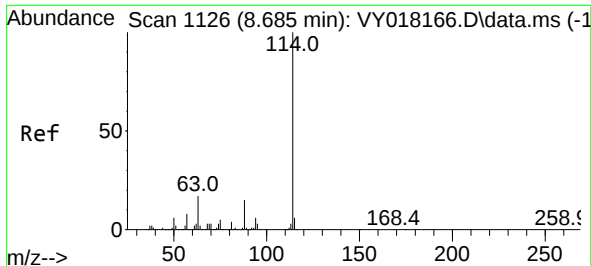
Tgt Ion:	84	Resp:	13344
Ion	Ratio	Lower	Upper
84	100		
49	85.5	84.4	126.6
51	22.7	26.0	39.0#
86	58.9	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 66.639 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

Tgt Ion:	65	Resp:	90919
Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018208.D

Acq: 09 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

WC-GG-VOC

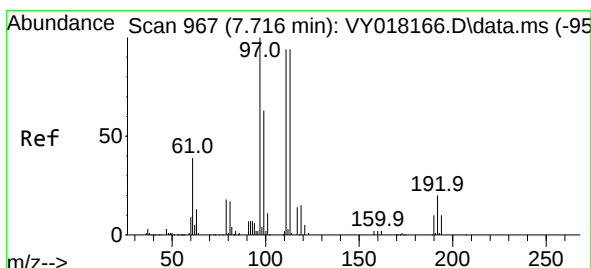
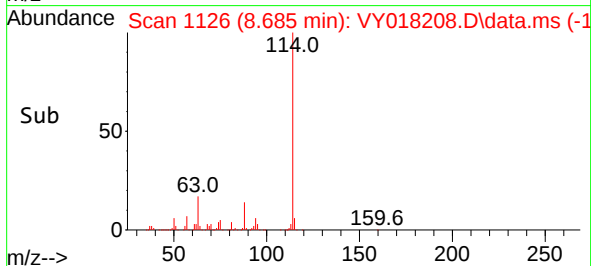
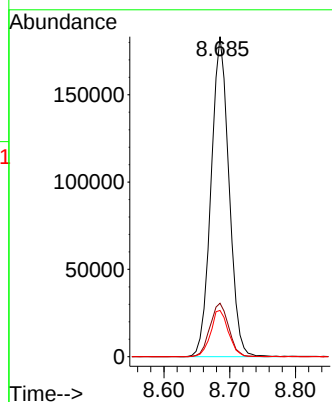
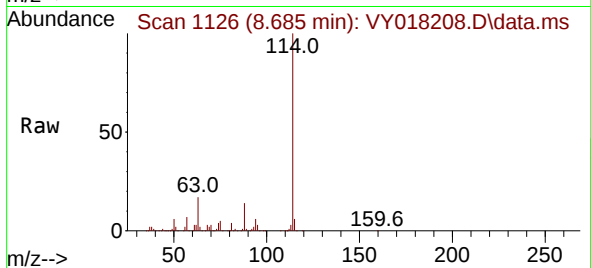
Tgt Ion:114 Resp: 347566

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.401 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018208.D

Acq: 09 May 2024 13:44

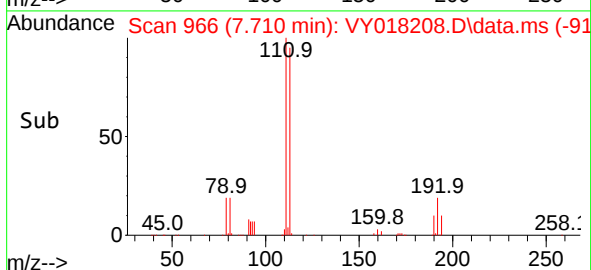
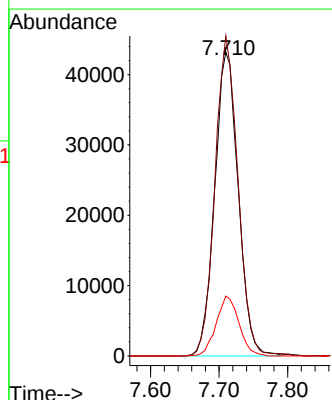
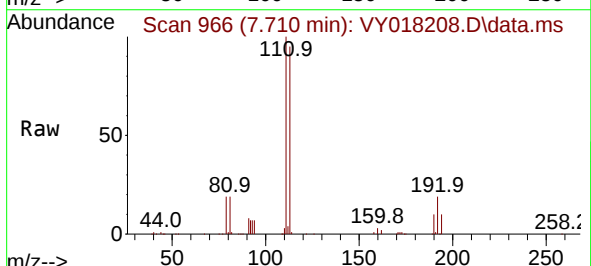
Tgt Ion:113 Resp: 103023

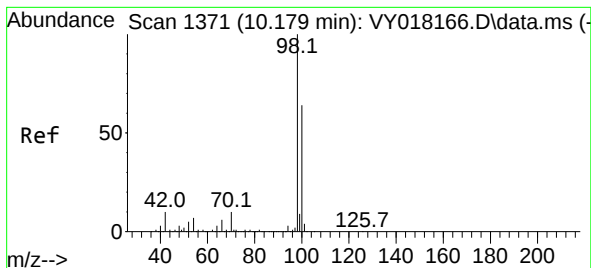
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 19.0 15.9 23.9





#50

Toluene-d8

Concen: 54.576 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018208.D

Acq: 09 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

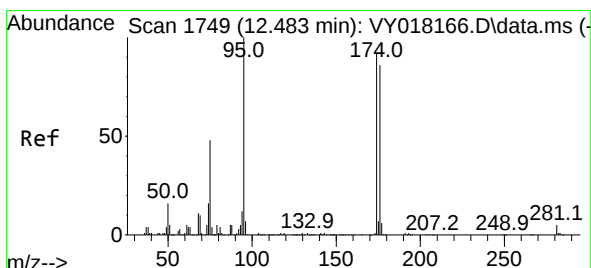
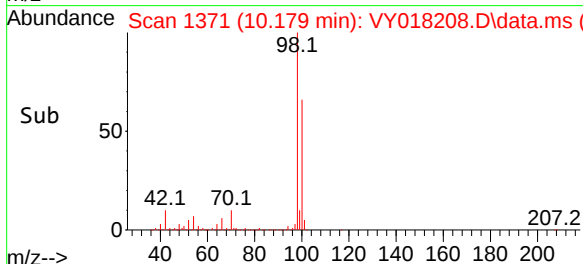
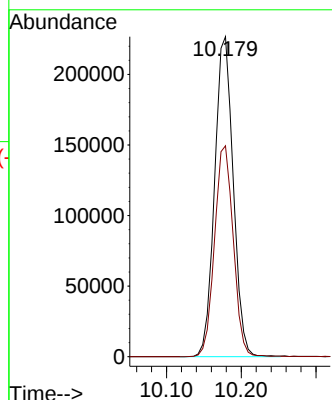
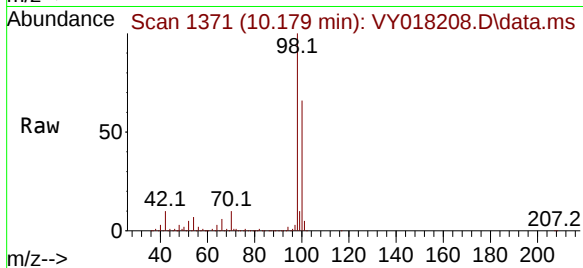
WC-GG-VOC

Tgt Ion: 98 Resp: 392842

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 52.916 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018208.D

Acq: 09 May 2024 13:44

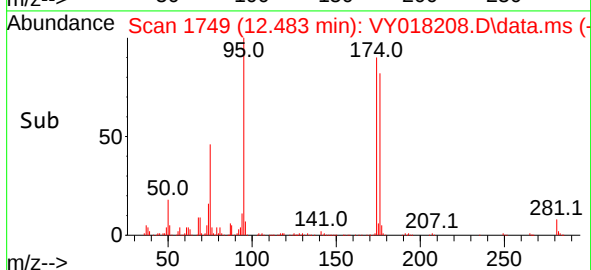
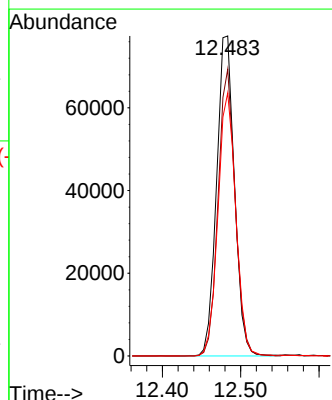
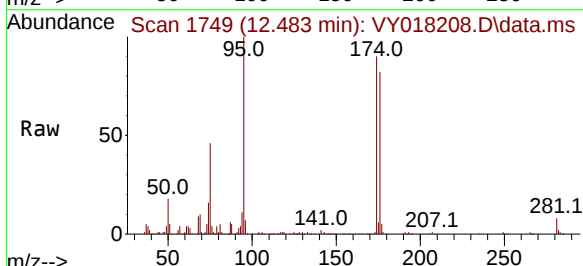
Tgt Ion: 95 Resp: 123005

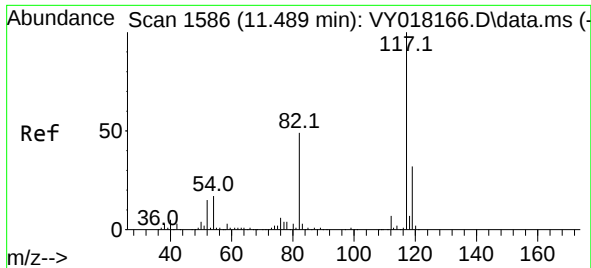
Ion Ratio Lower Upper

95 100

174 85.6 0.0 175.6

176 82.1 0.0 171.4

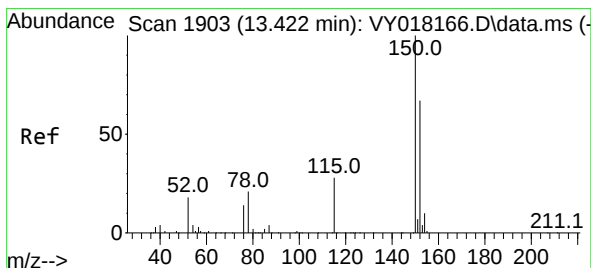
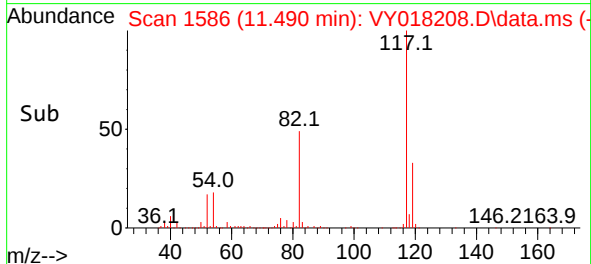
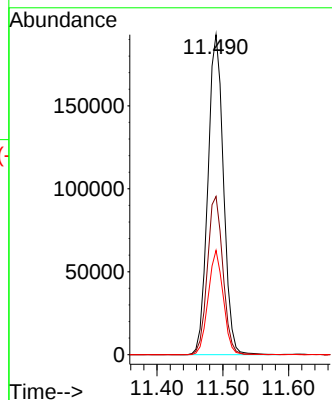
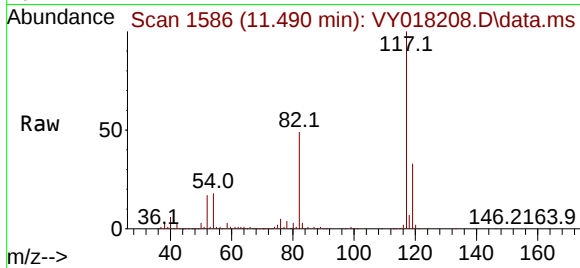




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

Instrument :
MSVOA_Y
ClientSampleId :
WC-GG-VOC

Tgt Ion:117 Resp: 317899
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

Tgt Ion:152 Resp: 123655
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 155.1 0.0 345.6

