

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014696.D
 Acq On : 18 Jul 2023 12:58
 Operator : SY/MD
 Sample : 03648-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-071723

Quant Time: Jul 19 04:03:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

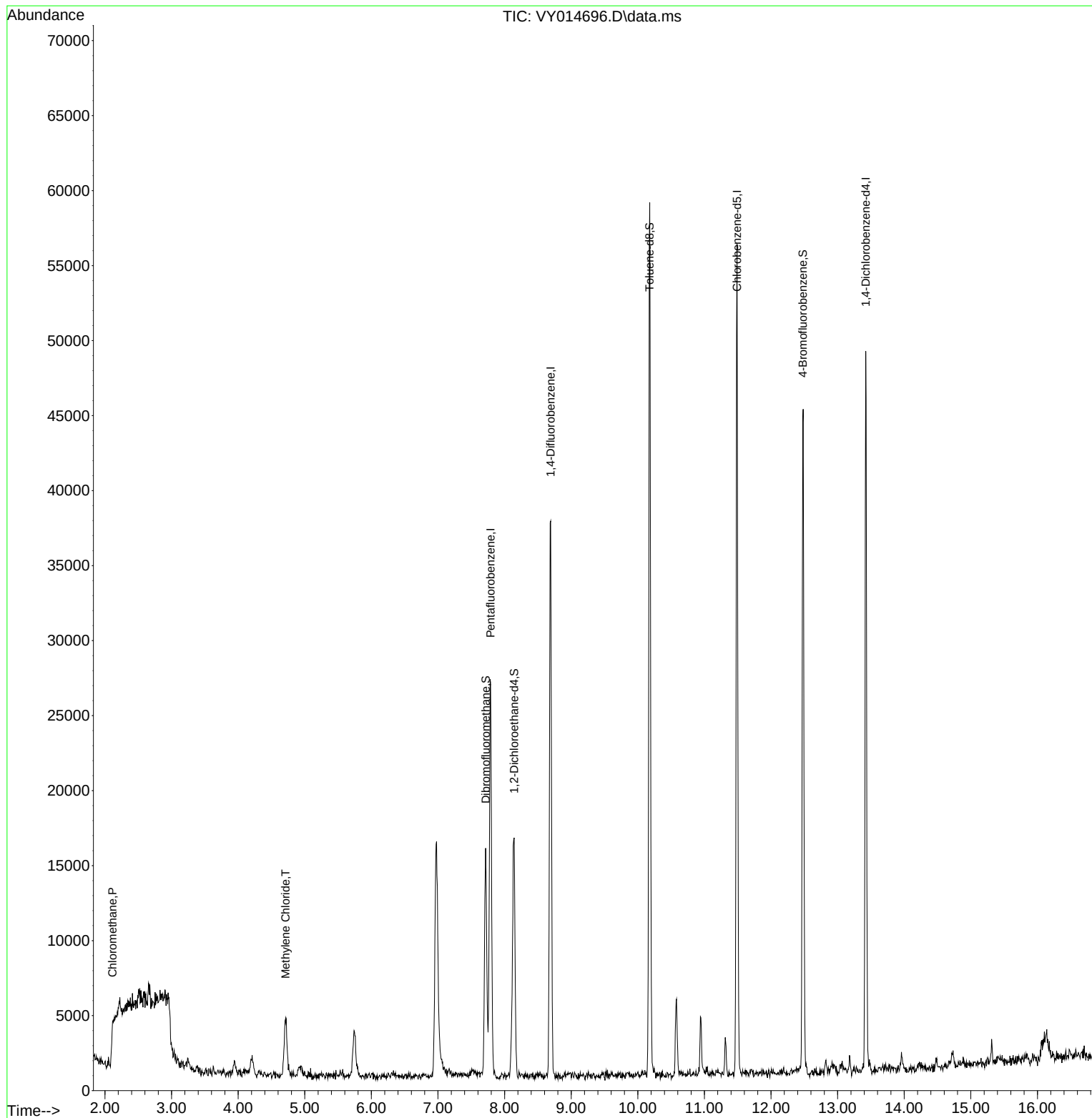
Internal Standards						
1) Pentafluorobenzene	7.789	168	20380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	33729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	29789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	12799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	12055	51.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.820%	
35) Dibromofluoromethane	7.716	113	11085	51.628	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.260%	
50) Toluene-d8	10.179	98	39806	50.286	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.580%	
62) 4-Bromofluorobenzene	12.477	95	13182	43.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	351	1.881	ug/l	98
20) Methylene Chloride	4.710	84	2879	8.541	ug/l	89

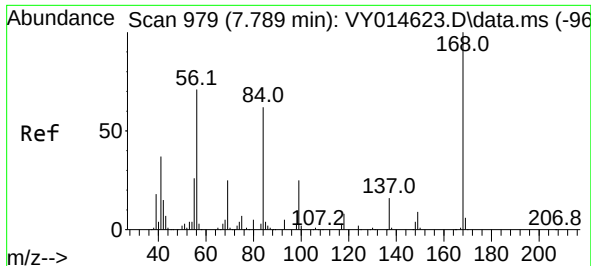
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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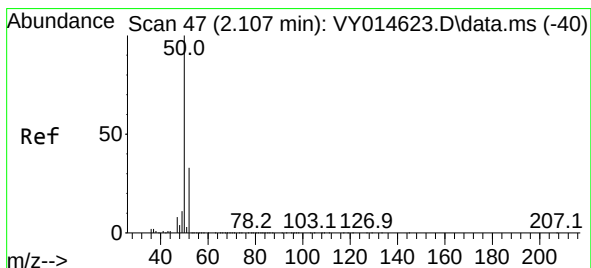
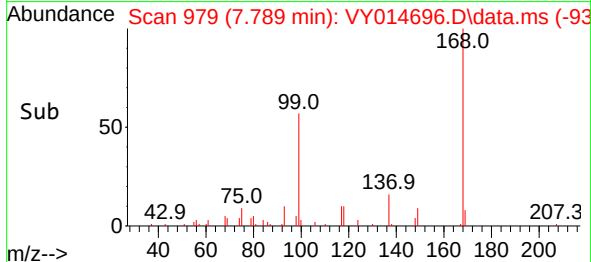
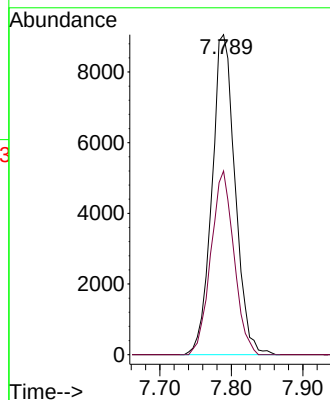
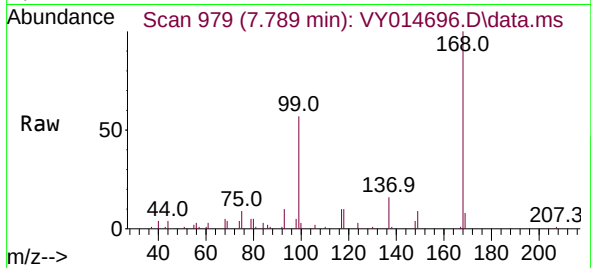




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014696.D
Acq: 18 Jul 2023 12:58

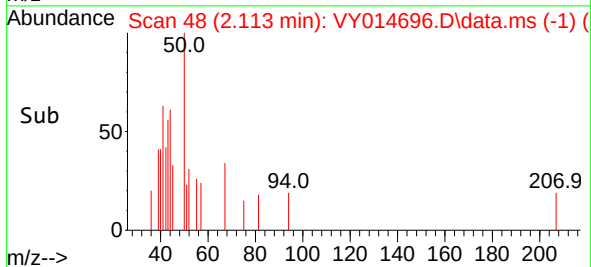
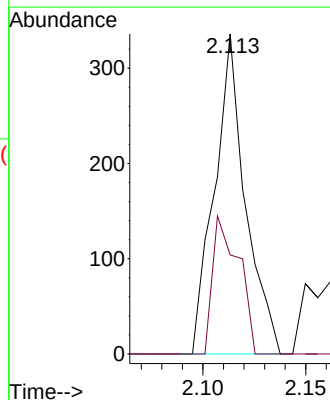
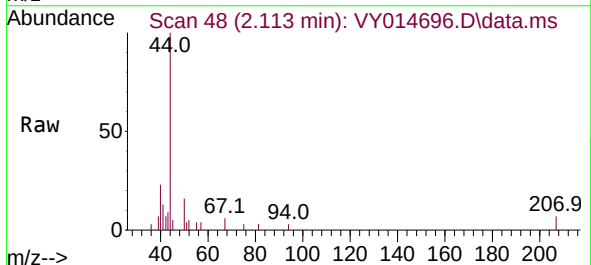
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-071723

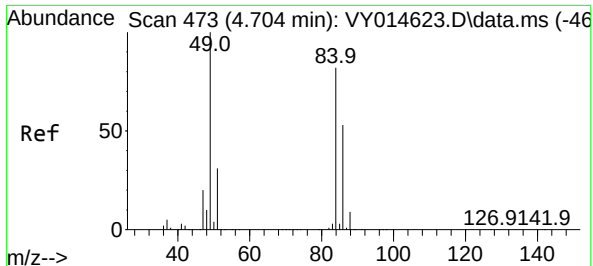
Tgt Ion:168 Resp: 20380
Ion Ratio Lower Upper
168 100
99 57.4 43.4 65.0



#3
Chloromethane
Concen: 1.881 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY014696.D
Acq: 18 Jul 2023 12:58

Tgt Ion: 50 Resp: 351
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.2

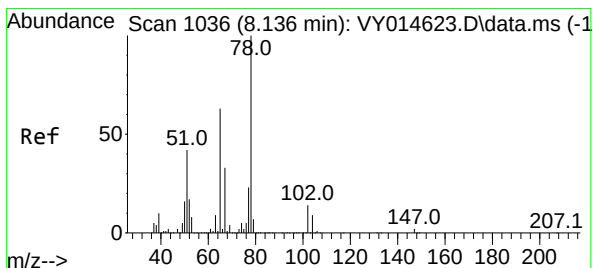
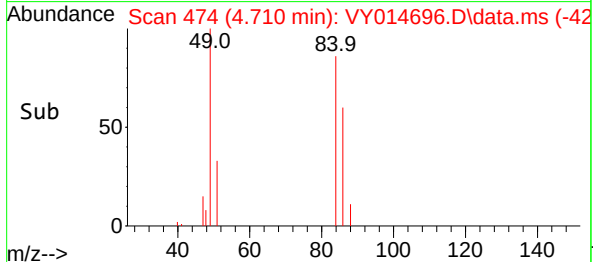
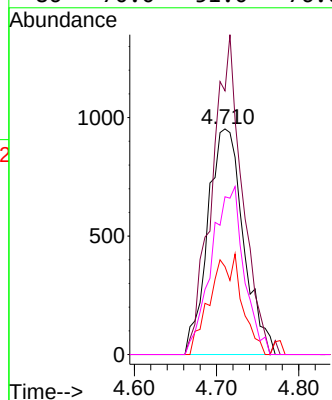
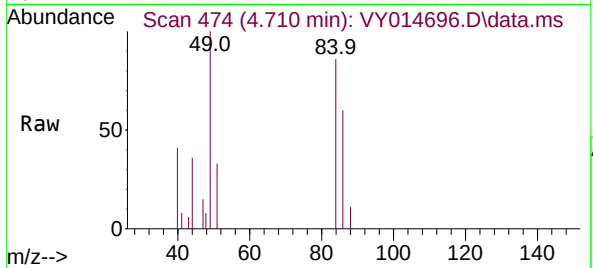




#20
Methylene Chloride
Concen: 8.541 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014696.D
Acq: 18 Jul 2023 12:58

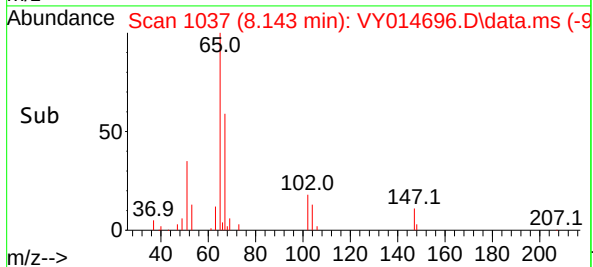
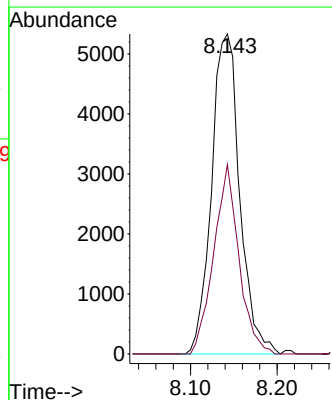
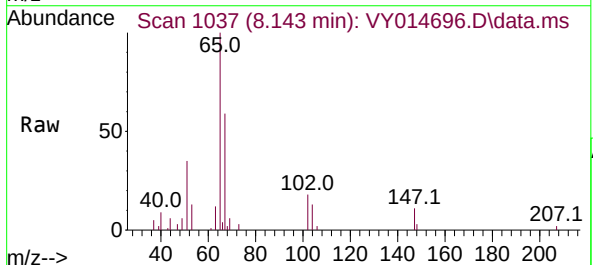
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-071723

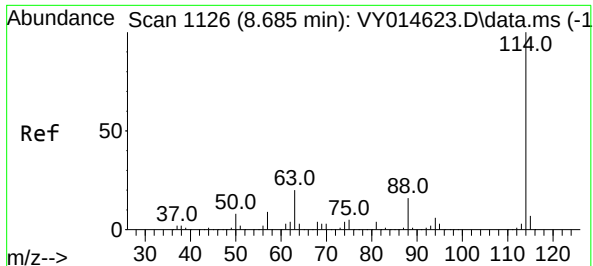
Tgt Ion:	84	Resp:	2879
Ion	Ratio	Lower	Upper
84	100		
49	116.9	106.9	160.3
51	39.0	33.2	49.8
86	70.0	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 51.908 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY014696.D
Acq: 18 Jul 2023 12:58

Tgt Ion:	65	Resp:	12055
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014696.D

Acq: 18 Jul 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-071723

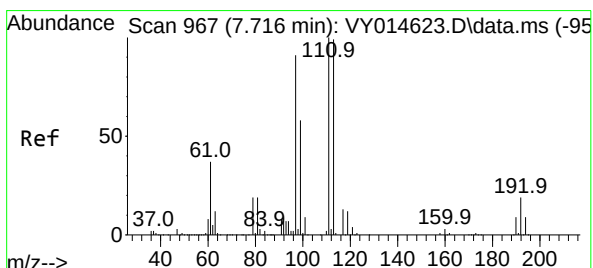
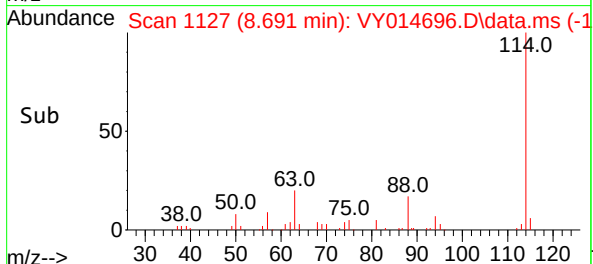
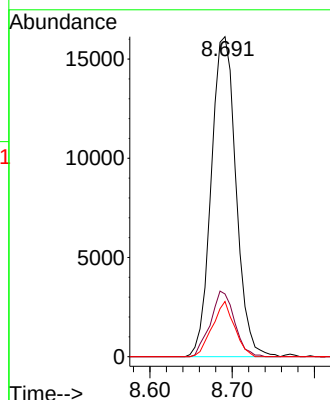
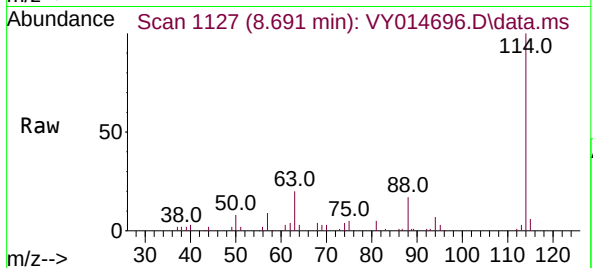
Tgt Ion:114 Resp: 33729

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 17.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.628 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014696.D

Acq: 18 Jul 2023 12:58

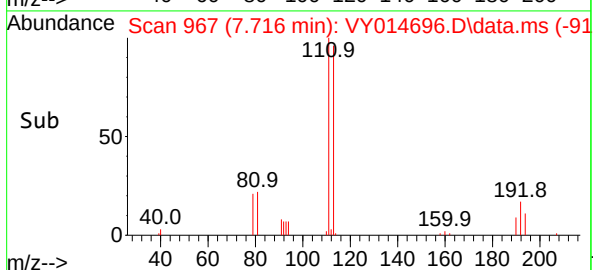
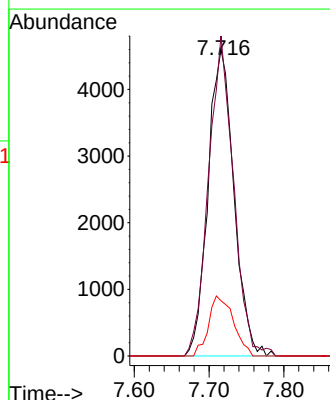
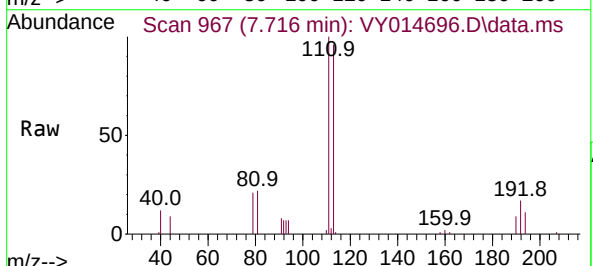
Tgt Ion:113 Resp: 11085

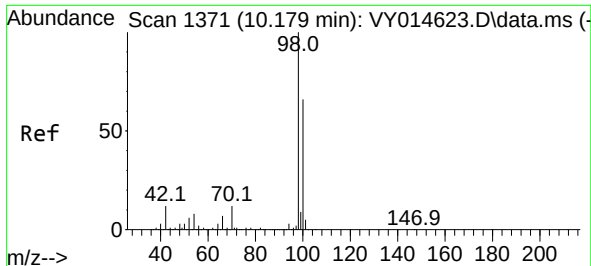
Ion Ratio Lower Upper

113 100

111 100.5 81.3 121.9

192 18.7 16.9 25.3

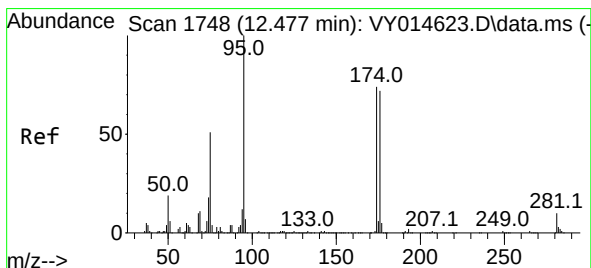
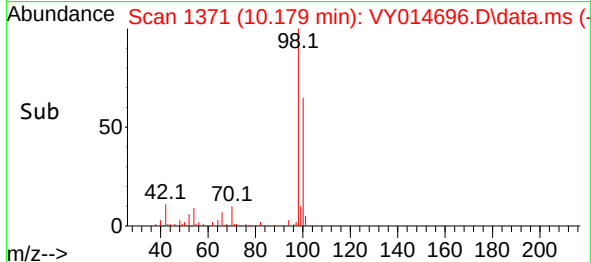
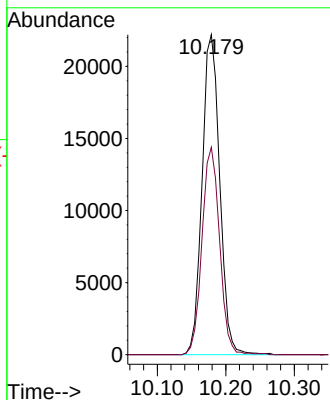
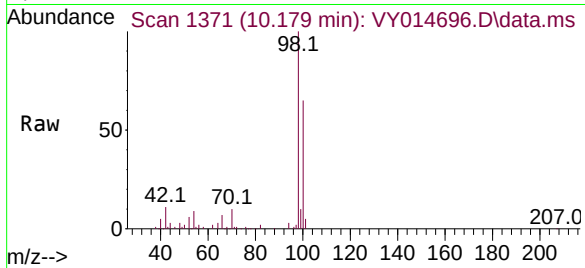




#50
Toluene-d8
Concen: 50.286 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014696.D
Acq: 18 Jul 2023 12:58

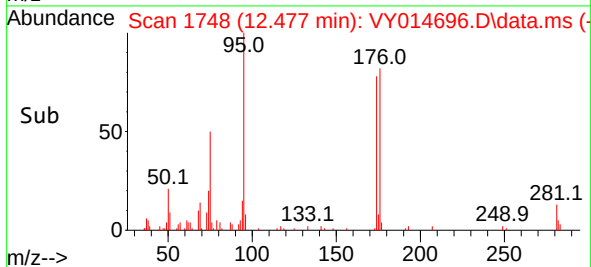
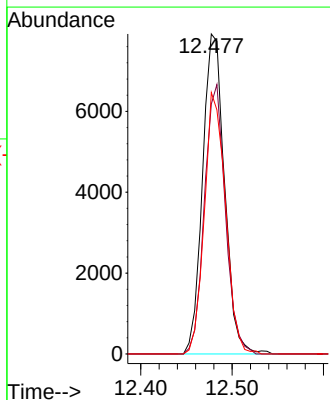
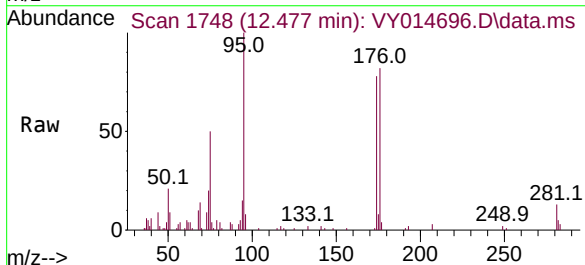
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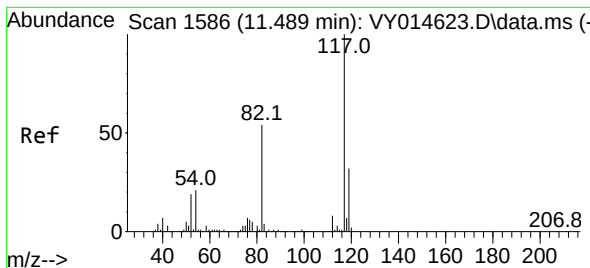
Tgt Ion: 98 Resp: 39806
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.429 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014696.D
Acq: 18 Jul 2023 12:58

Tgt Ion: 95 Resp: 13182
Ion Ratio Lower Upper
95 100
174 80.3 0.0 178.2
176 78.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014696.D

Acq: 18 Jul 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-071723

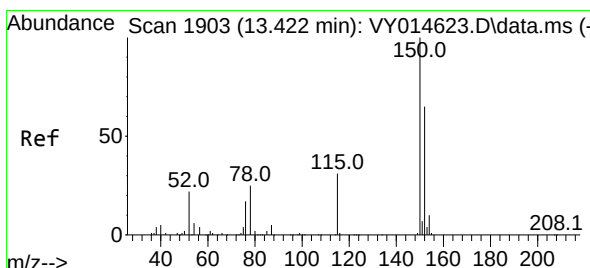
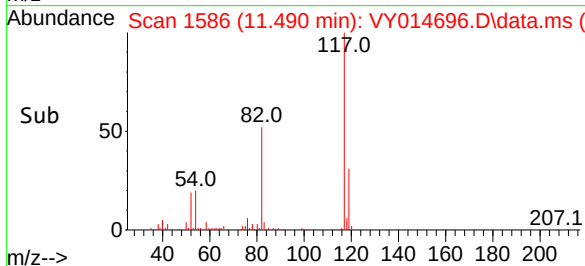
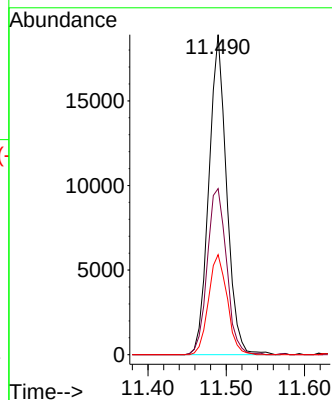
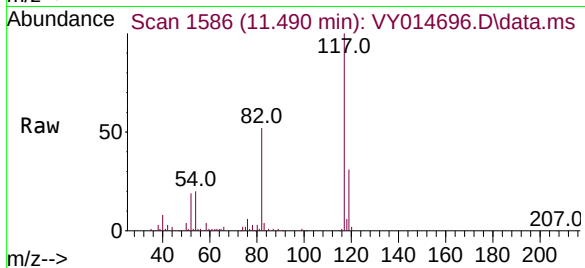
Tgt Ion:117 Resp: 29789

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.0

119 31.3 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014696.D

Acq: 18 Jul 2023 12:58

Tgt Ion:152 Resp: 12799

Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 152.2 0.0 348.8

