

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010390.D
 Acq On : 08 Sep 2022 13:04
 Operator : KP/MD
 Sample : N4490-06
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14-B-SP

Quant Time: Sep 08 16:24:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

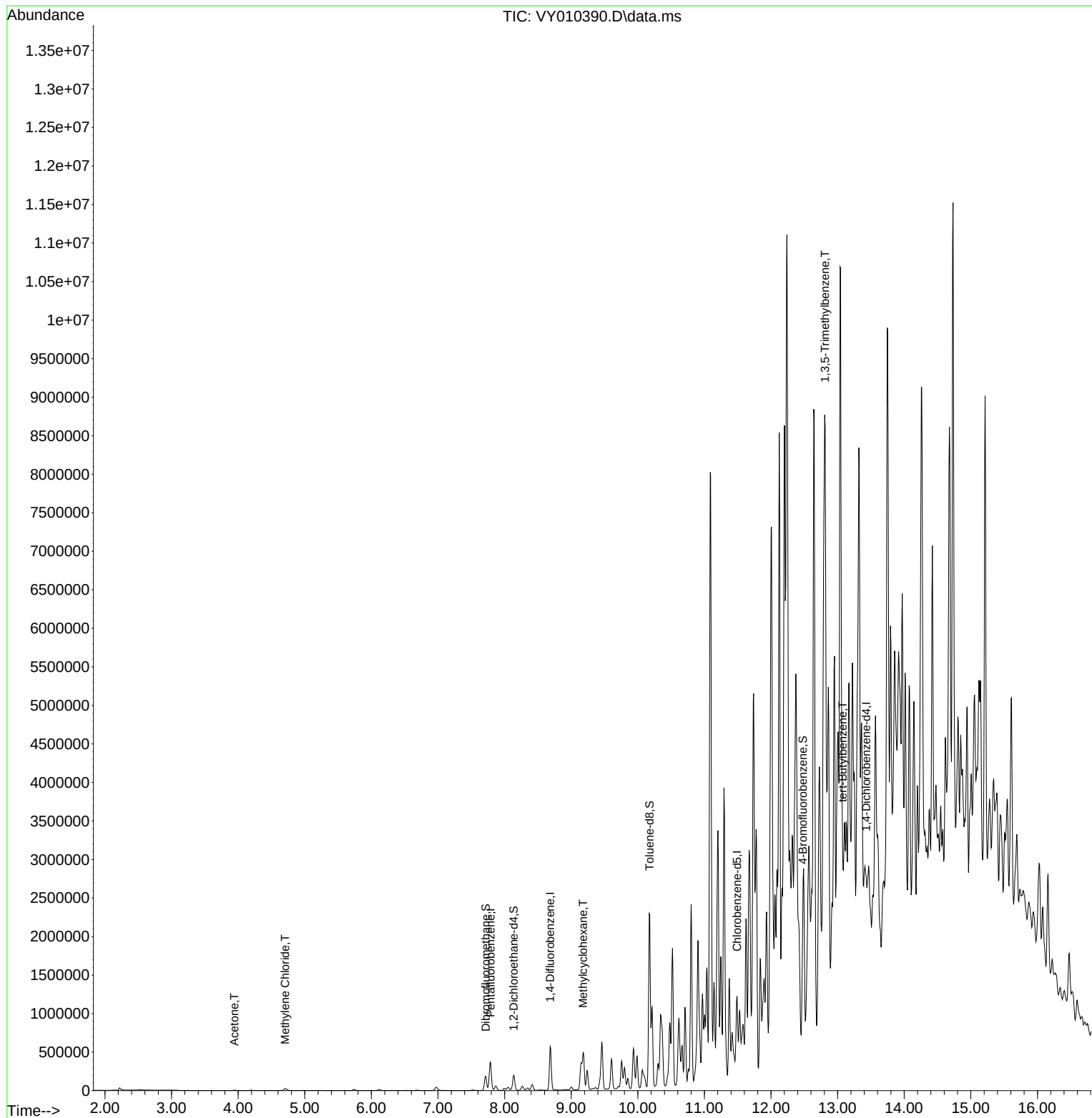
Internal Standards						
1) Pentafluorobenzene	7.789	168	296247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	499876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	440385	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	223428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	147185	48.453	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.716	113	131389	39.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.960%
50) Toluene-d8	10.179	98	582216	52.257	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.520%
62) 4-Bromofluorobenzene	12.477	95	309090	72.057	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	144.120%#
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	11494	15.136	ug/l	91
20) Methylene Chloride	4.704	84	19558	5.337	ug/l	# 80
39) Methylcyclohexane	9.179	83	214107	33.967	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	36379	2.436	ug/l	96
83) tert-Butylbenzene	13.074	119	114628	8.834	ug/l	90

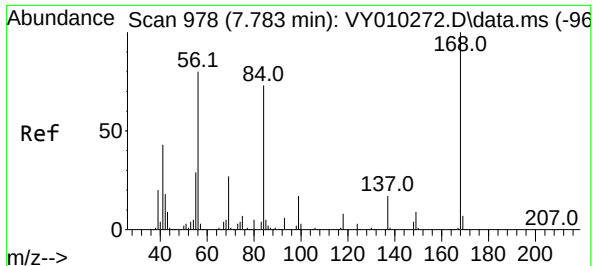
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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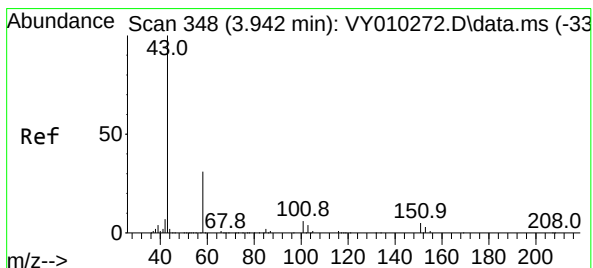
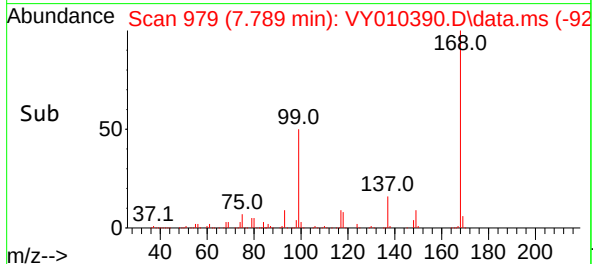
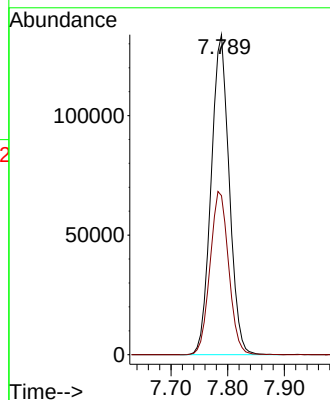
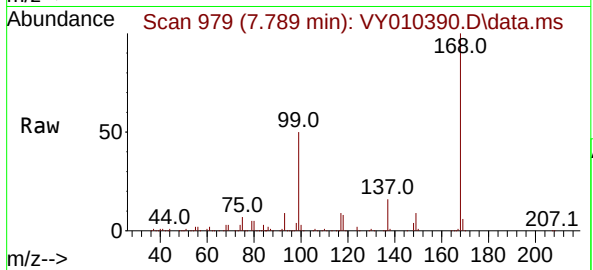




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010390.D
Acq: 08 Sep 2022 13:04

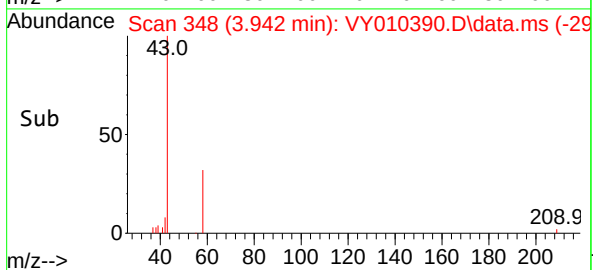
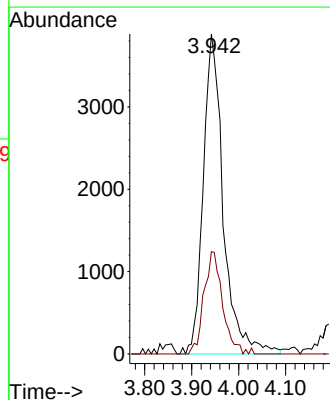
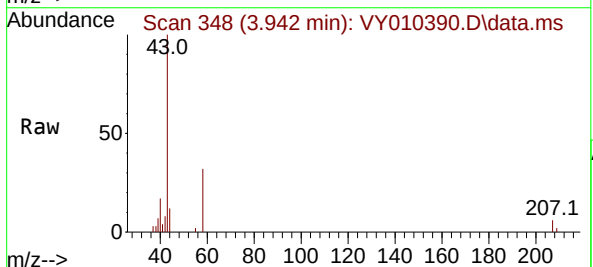
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-B-SP

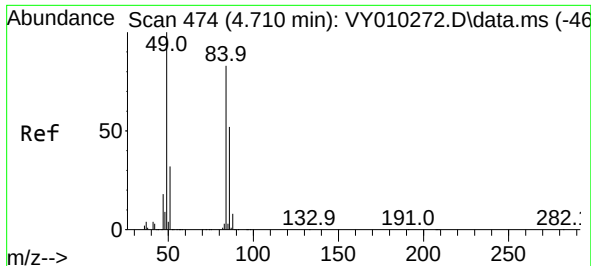
Tgt Ion:168 Resp: 296247
Ion Ratio Lower Upper
168 100
99 49.7 46.9 70.3



#16
Acetone
Concen: 15.136 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY010390.D
Acq: 08 Sep 2022 13:04

Tgt Ion: 43 Resp: 11494
Ion Ratio Lower Upper
43 100
58 32.0 22.0 33.0

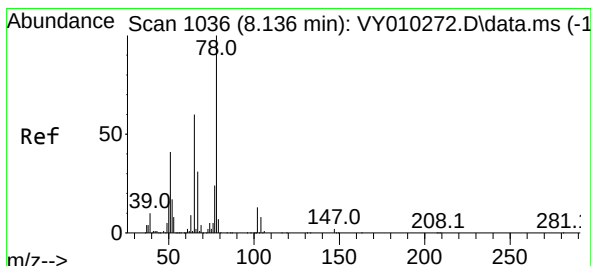
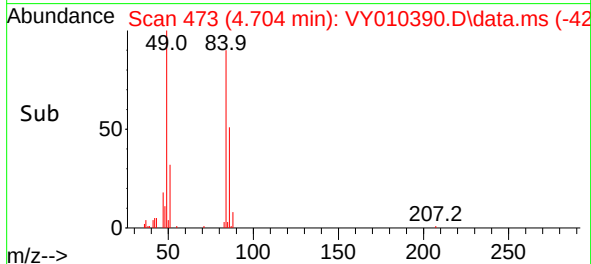
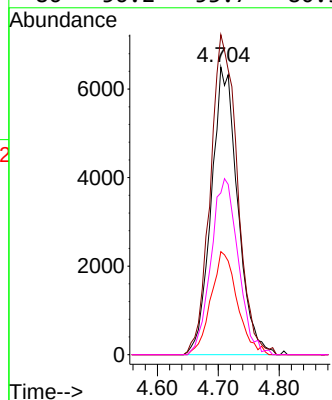
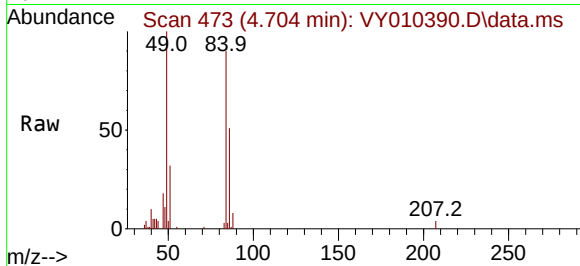




#20
Methylene Chloride
Concen: 5.337 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010390.D
Acq: 08 Sep 2022 13:04

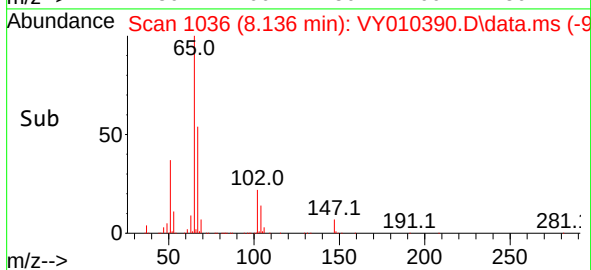
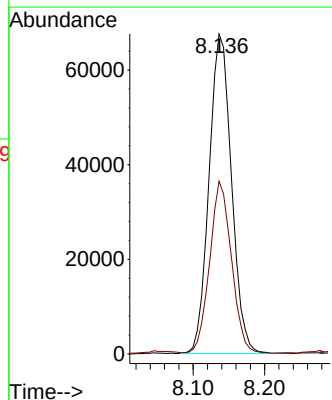
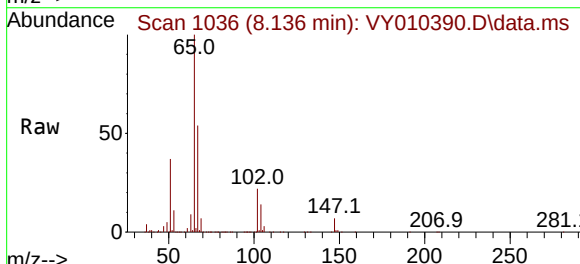
Instrument :
MSVOA_Y
ClientSampleId :
WC-14-B-SP

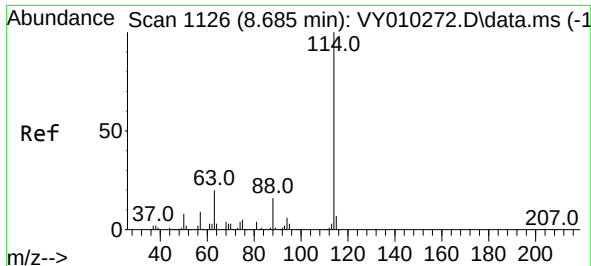
Tgt Ion:	84	Resp:	19558
Ion	Ratio	Lower	Upper
84	100		
49	111.2	114.4	171.6#
51	35.8	35.3	52.9
86	56.2	53.7	80.5



#33
1,2-Dichloroethane-d4
Concen: 48.453 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010390.D
Acq: 08 Sep 2022 13:04

Tgt Ion:	65	Resp:	147185
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010390.D

Acq: 08 Sep 2022 13:04

Instrument :

MSVOA_Y

ClientSampleId :

WC-14-B-SP

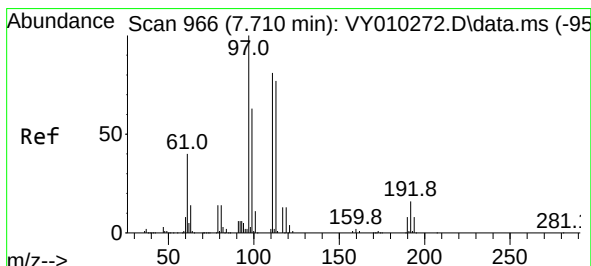
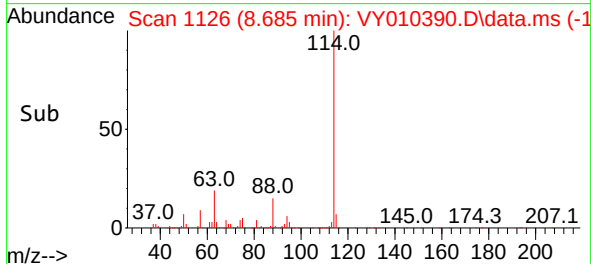
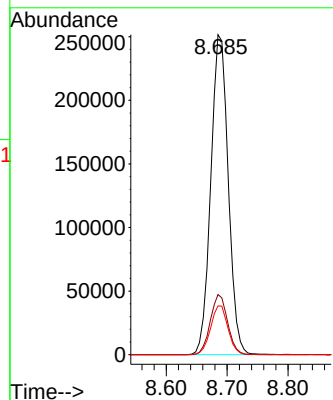
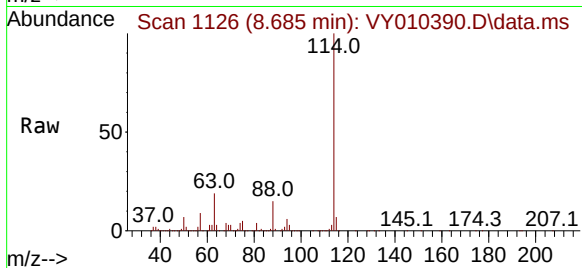
Tgt Ion:114 Resp: 499876

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.483 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010390.D

Acq: 08 Sep 2022 13:04

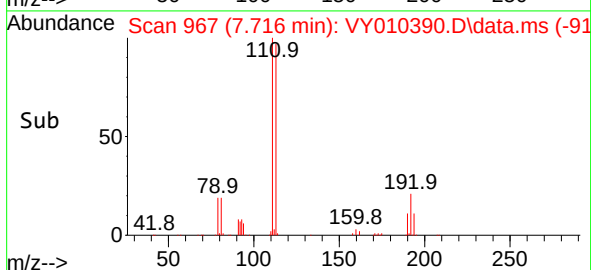
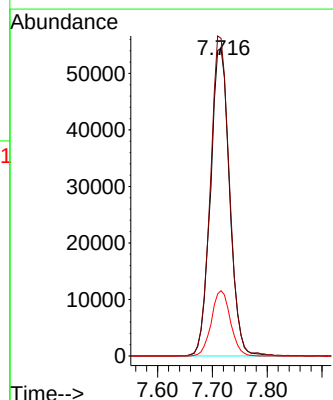
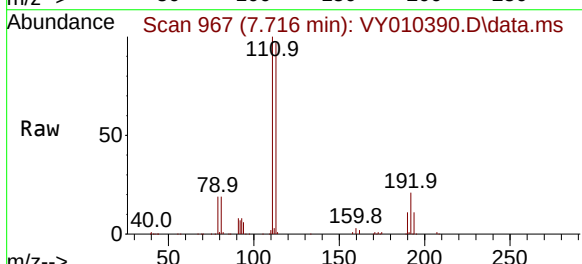
Tgt Ion:113 Resp: 131389

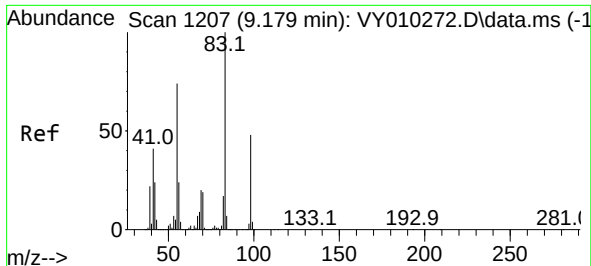
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 21.1 17.6 26.4





#39

Methylcyclohexane

Concen: 33.967 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY010390.D

Acq: 08 Sep 2022 13:04

Instrument :

MSVOA_Y

ClientSampleId :

WC-14-B-SP

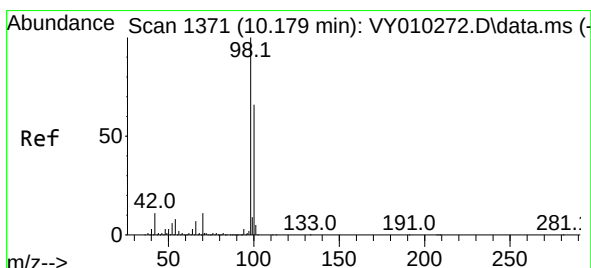
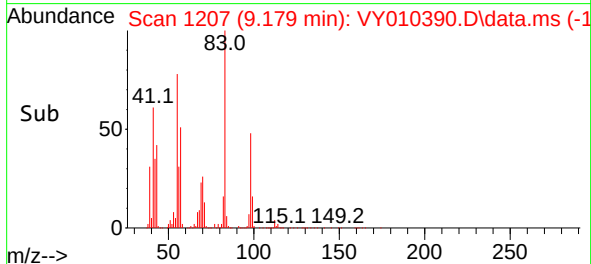
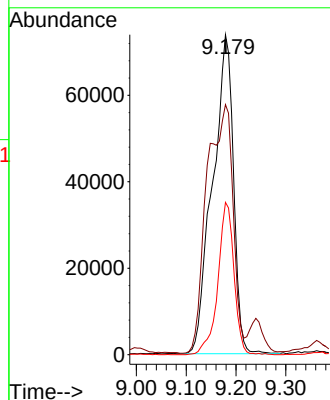
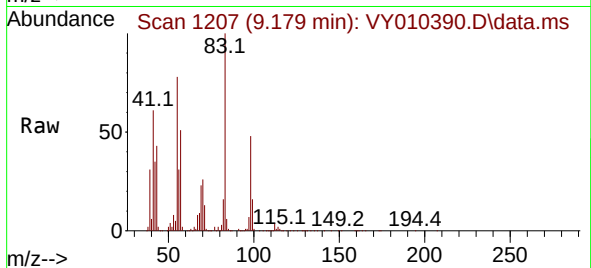
Tgt Ion: 83 Resp: 214107

Ion Ratio Lower Upper

83 100

55 77.9 66.5 99.7

98 47.7 37.9 56.9



#50

Toluene-d8

Concen: 52.257 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010390.D

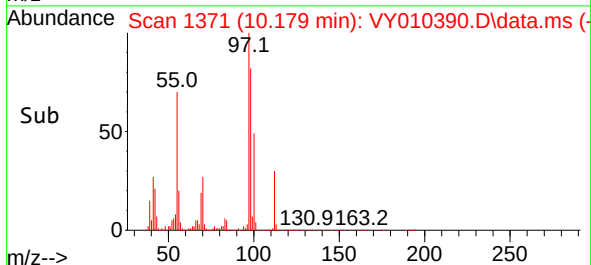
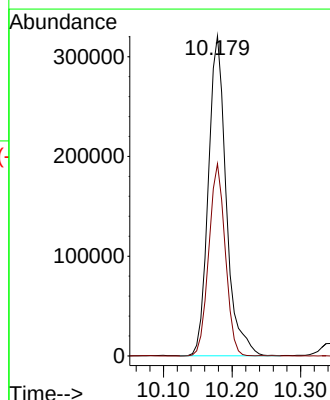
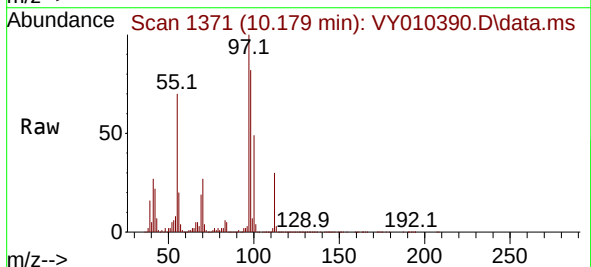
Acq: 08 Sep 2022 13:04

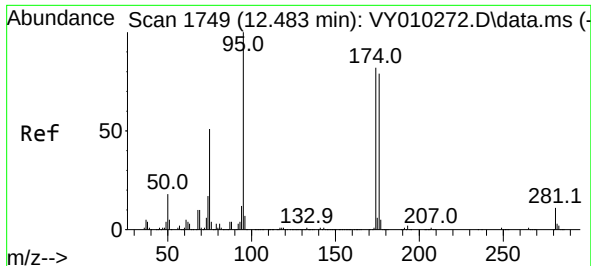
Tgt Ion: 98 Resp: 582216

Ion Ratio Lower Upper

98 100

100 55.1 50.2 75.2

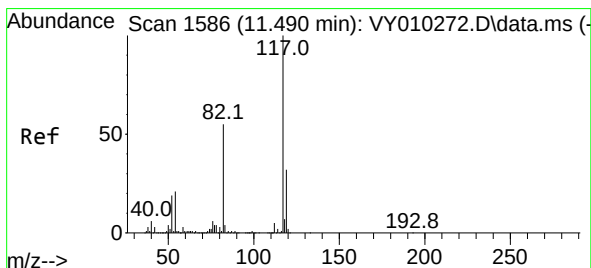
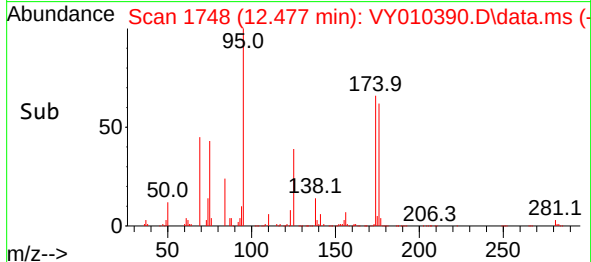
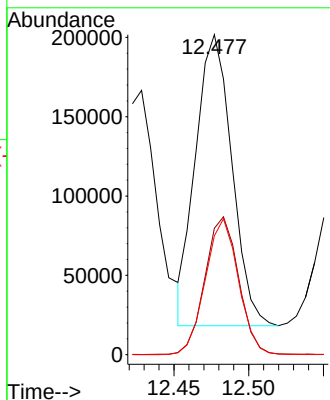
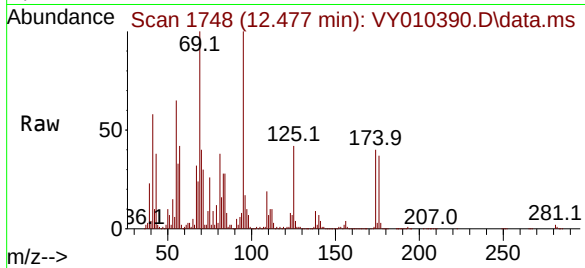




#62
4-Bromofluorobenzene
Concen: 72.057 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010390.D
Acq: 08 Sep 2022 13:04

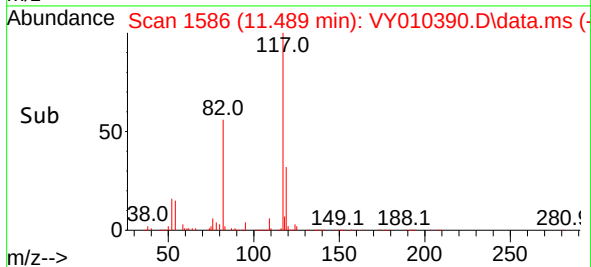
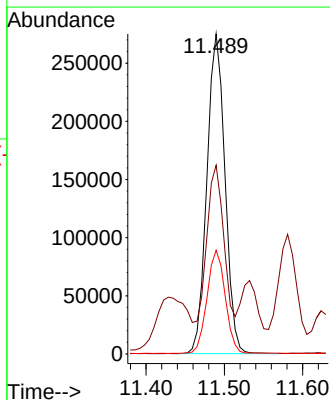
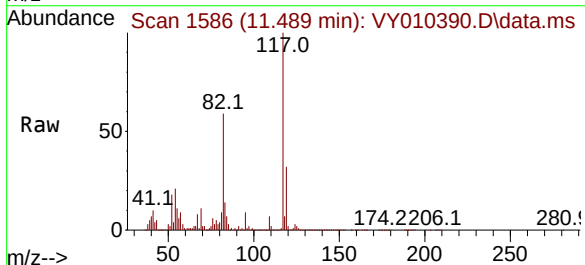
Instrument :
MSVOA_Y
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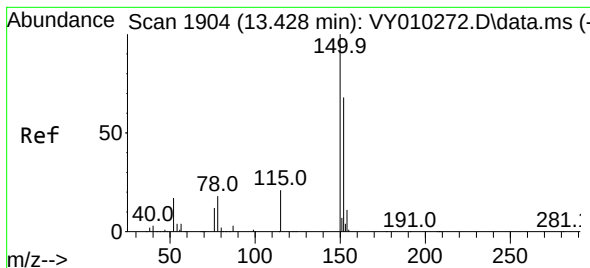
Tgt Ion: 95 Resp: 309090
Ion Ratio Lower Upper
95 100
174 44.0 0.0 177.0
176 42.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010390.D
Acq: 08 Sep 2022 13:04

Tgt Ion: 117 Resp: 440385
Ion Ratio Lower Upper
117 100
82 42.6 43.0 64.4#
119 32.2 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY010390.D

Acq: 08 Sep 2022 13:04

Instrument :

MSVOA_Y

ClientSampleId :

WC-14-B-SP

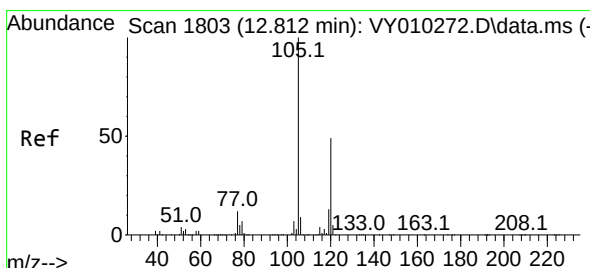
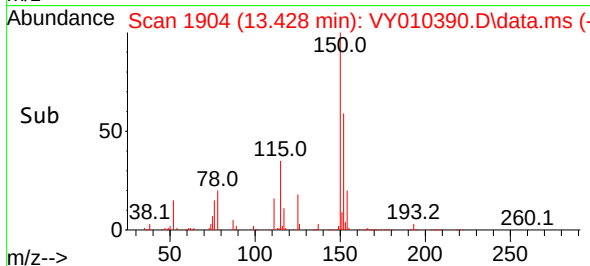
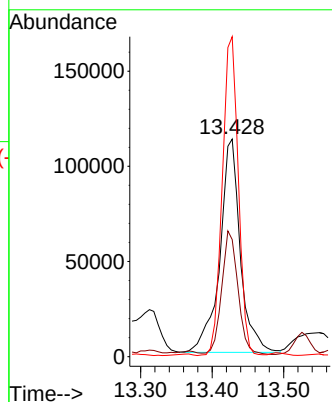
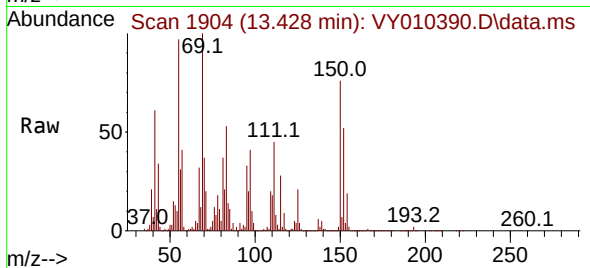
Tgt Ion:152 Resp: 223428

Ion Ratio Lower Upper

152 100

115 45.8 28.2 84.7

150 116.9 0.0 347.6



#80

1,3,5-Trimethylbenzene

Concen: 2.436 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY010390.D

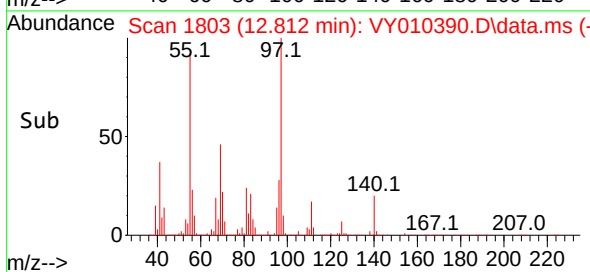
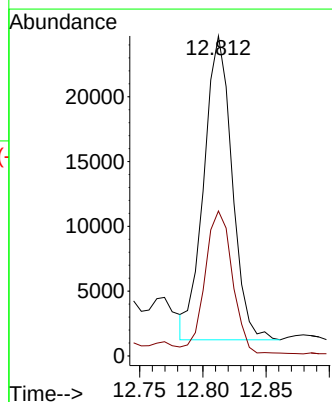
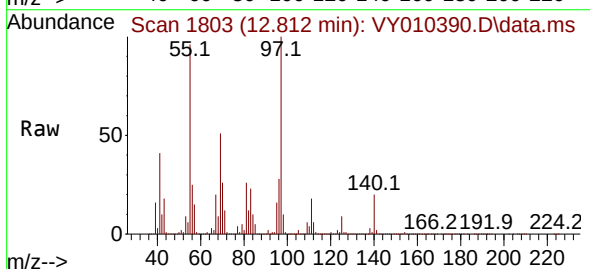
Acq: 08 Sep 2022 13:04

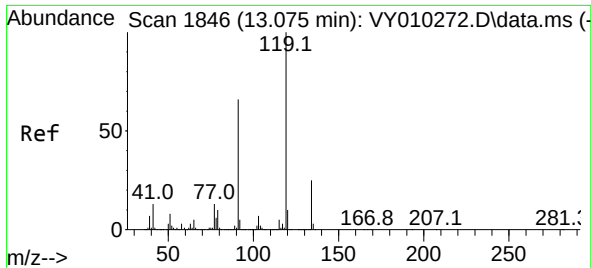
Tgt Ion:105 Resp: 36379

Ion Ratio Lower Upper

105 100

120 45.9 24.4 73.4





#83
 tert-Butylbenzene
 Concen: 8.834 ug/l
 RT: 13.074 min Scan# 11
 Delta R.T. -0.001 min
 Lab File: VY010390.D
 Acq: 08 Sep 2022 13:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14-B-SP

Tgt Ion:	119	Resp:	114628
Ion	Ratio	Lower	Upper
119	100		
91	80.0	34.8	104.4
134	28.5	13.3	39.9

