

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009124.D
 Acq On : 02 Jun 2022 13:54
 Operator : KP/MD
 Sample : N3099-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220420-COMPOSITE-I

Quant Time: Jun 03 03:11:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

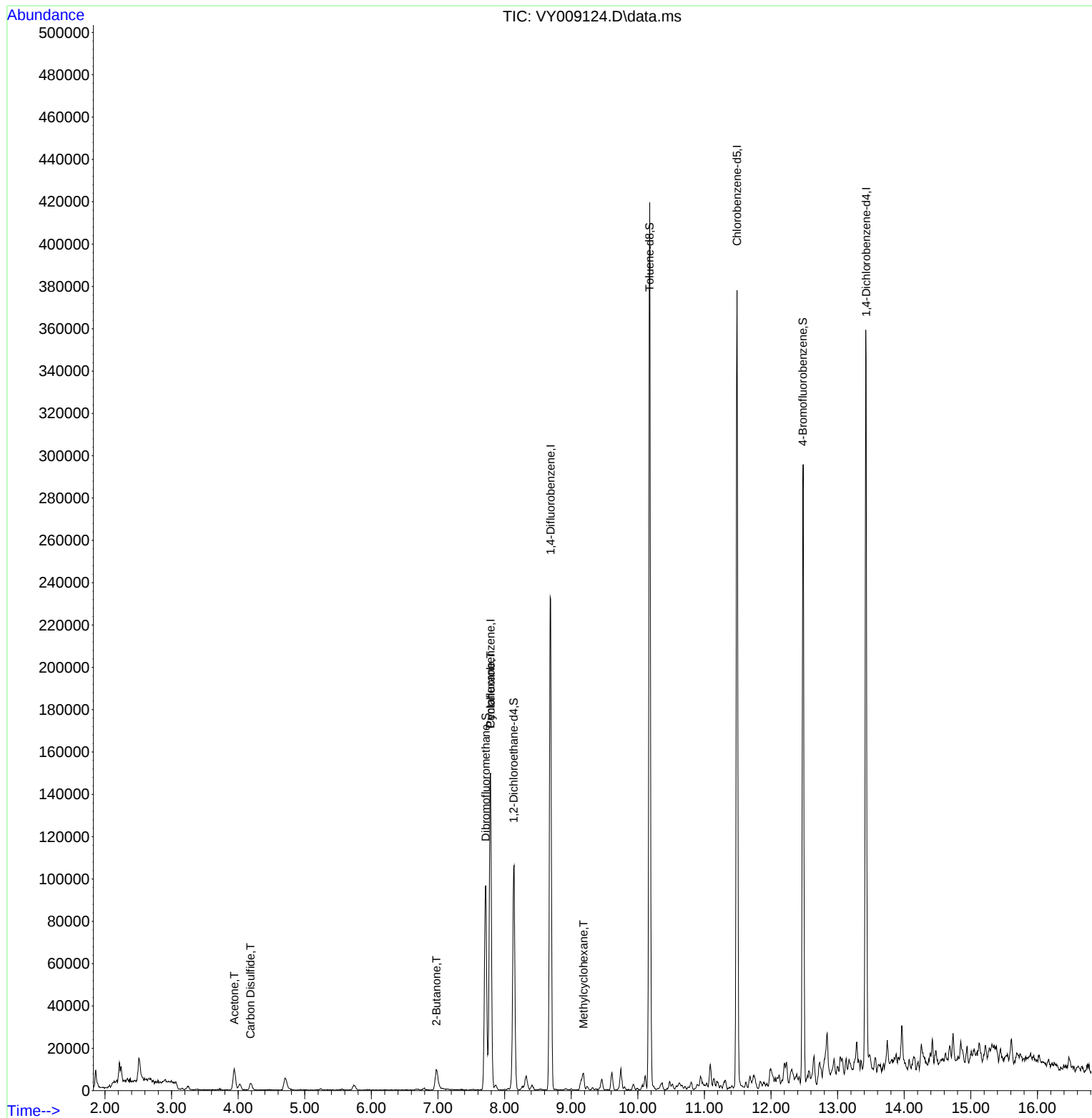
Internal Standards						
1) Pentafluorobenzene	7.789	168	113664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83955	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77513	66.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.520%	
35) Dibromofluoromethane	7.716	113	65963	52.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.860%	
50) Toluene-d8	10.179	98	254218	54.774	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.540%	
62) 4-Bromofluorobenzene	12.477	95	75522	40.338	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.680%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	16548	67.958	ug/l	99
17) Carbon Disulfide	4.186	76	4391	1.257	ug/l #	83
25) 2-Butanone	6.978	43	3463	7.962	ug/l	93
31) Cyclohexane	7.789	56	3469	1.516	ug/l #	34
39) Methylcyclohexane	9.185	83	3134	1.134	ug/l	91

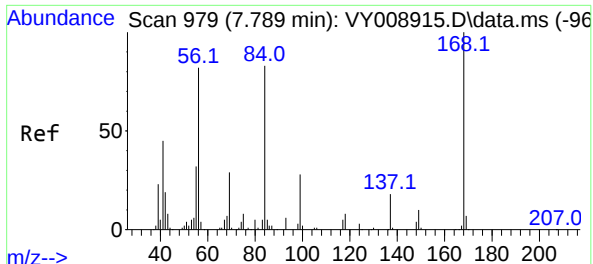
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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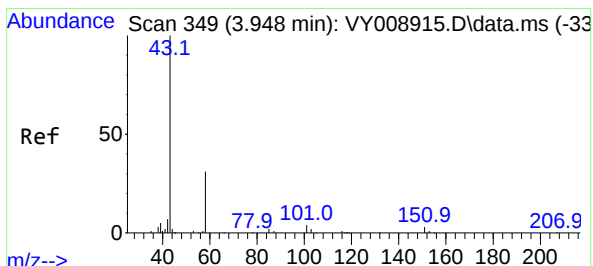
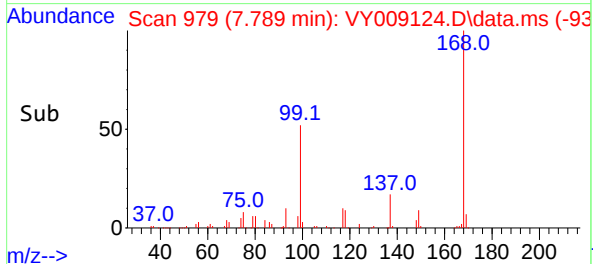
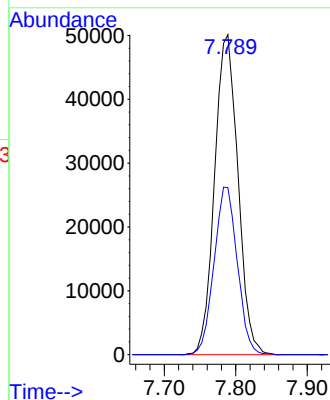
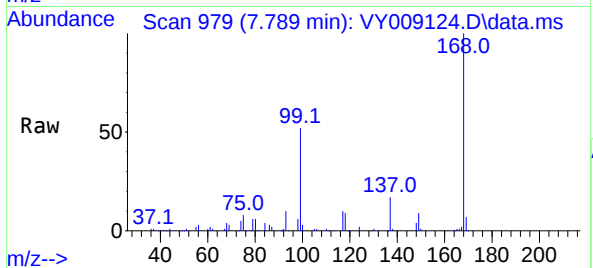




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

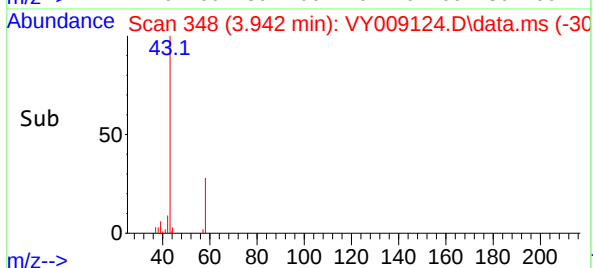
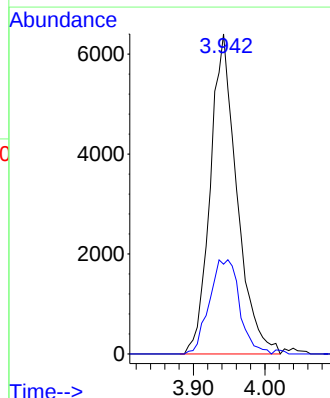
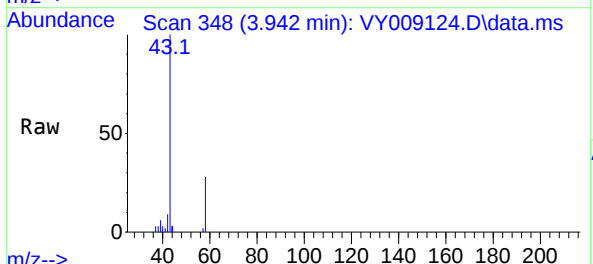
Instrument :
MSVOA_Y
ClientSampleId :
20220420-COMPOSITE-I

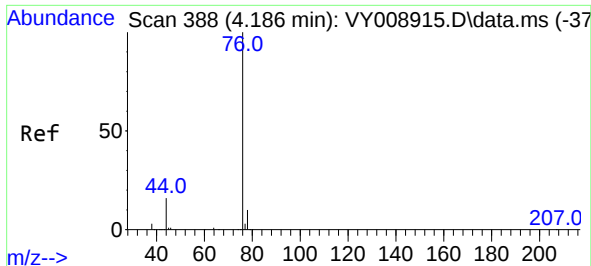
Tgt Ion:168 Resp: 113664
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#16
Acetone
Concen: 67.958 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

Tgt Ion: 43 Resp: 16548
Ion Ratio Lower Upper
43 100
58 28.0 22.0 33.0

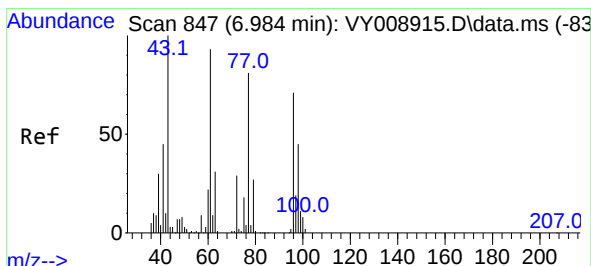
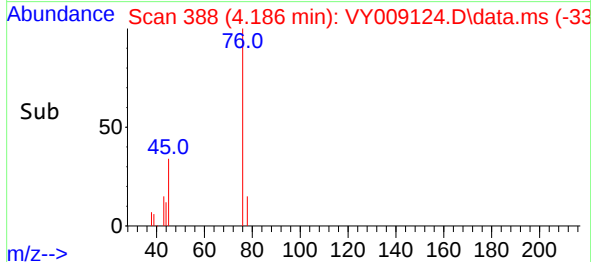
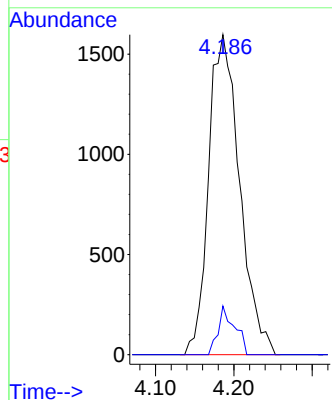
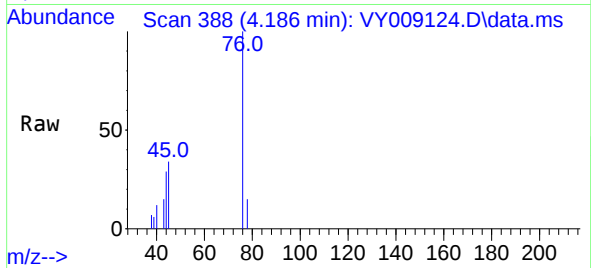




#17
Carbon Disulfide
Concen: 1.257 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

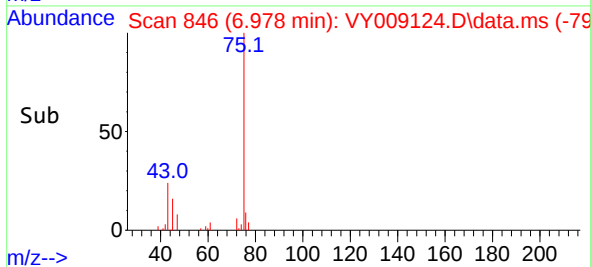
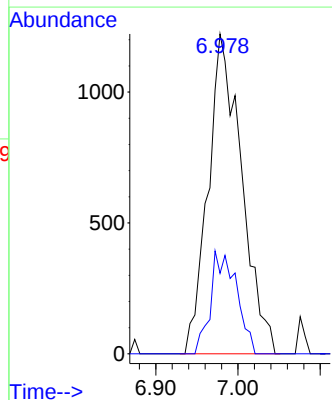
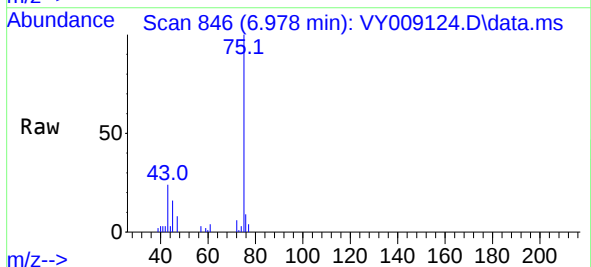
Instrument :
MSVOA_Y
ClientSampleId :
20220420-COMPOSITE-I

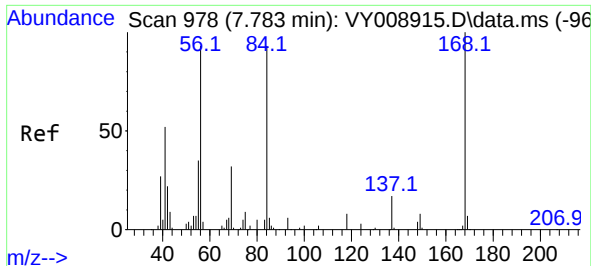
Tgt Ion: 76 Resp: 4391
Ion Ratio Lower Upper
76 100
78 15.2 7.4 11.0#



#25
2-Butanone
Concen: 7.962 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

Tgt Ion: 43 Resp: 3463
Ion Ratio Lower Upper
43 100
72 25.2 17.7 26.5

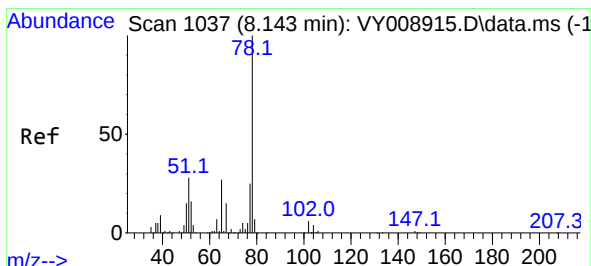
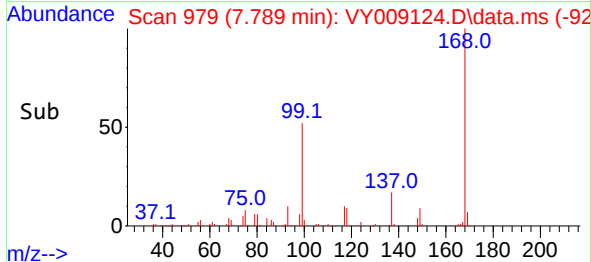
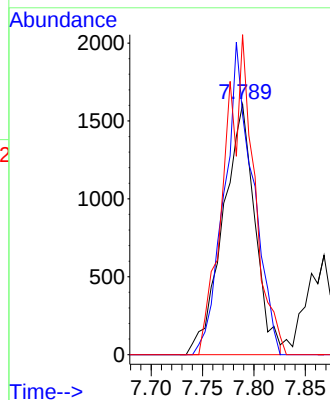
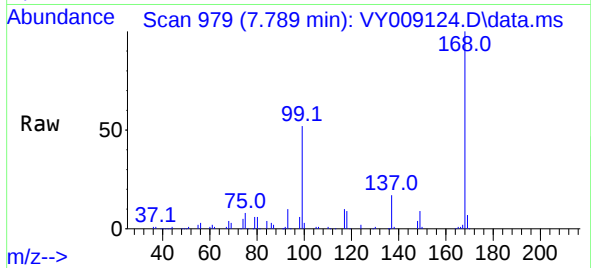




#31
Cyclohexane
Concen: 1.516 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

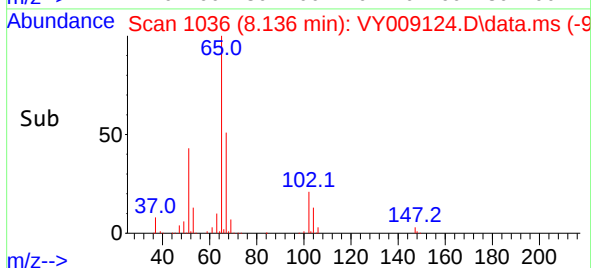
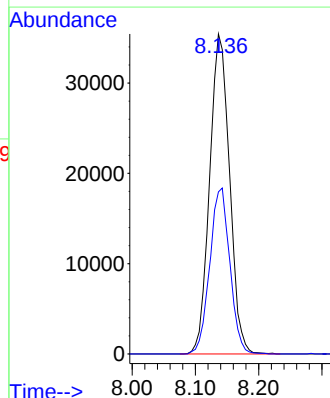
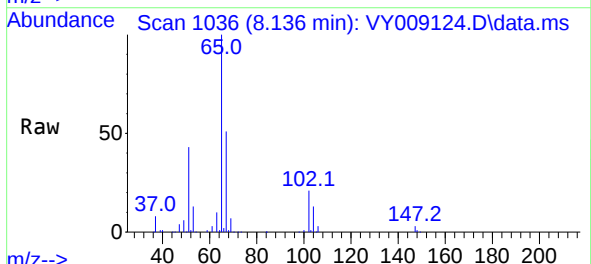
Instrument :
MSVOA_Y
ClientSampleId :
20220420-COMPOSITE-I

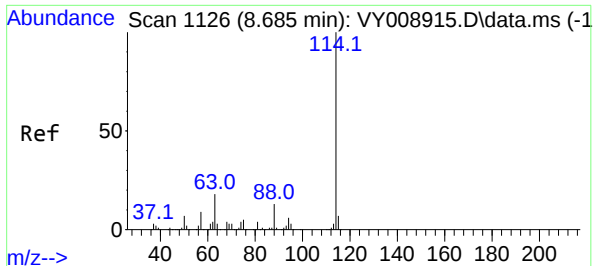
Tgt Ion: 56 Resp: 3469
Ion Ratio Lower Upper
56 100
69 95.8 26.7 40.1#
84 127.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 66.261 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

Tgt Ion: 65 Resp: 77513
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009124.D

Acq: 02 Jun 2022 13:54

Instrument :

MSVOA_Y

ClientSampleId :

20220420-COMPOSITE-I

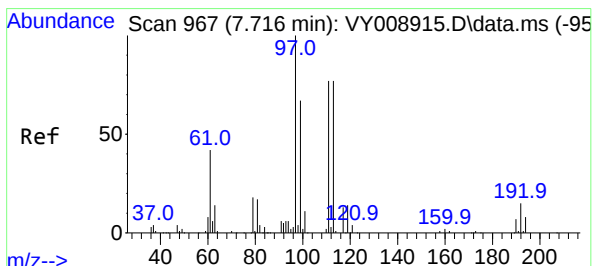
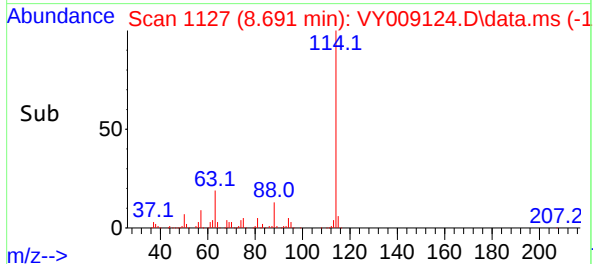
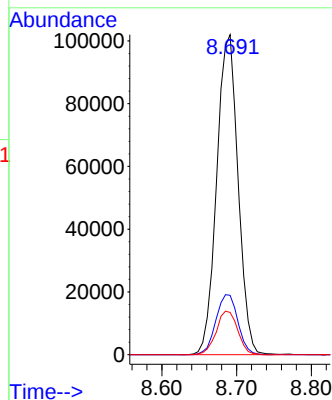
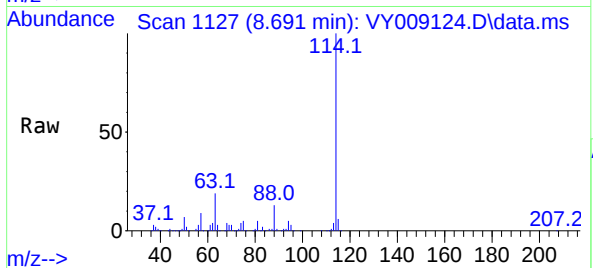
Tgt Ion:114 Resp: 202316

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.431 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009124.D

Acq: 02 Jun 2022 13:54

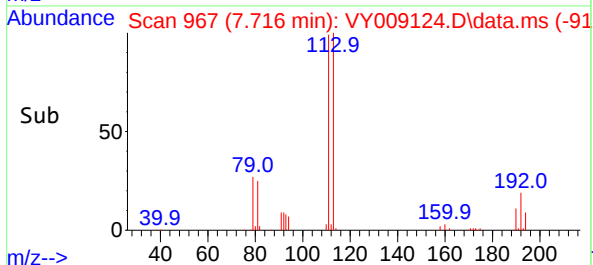
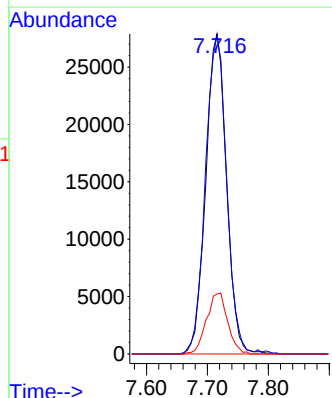
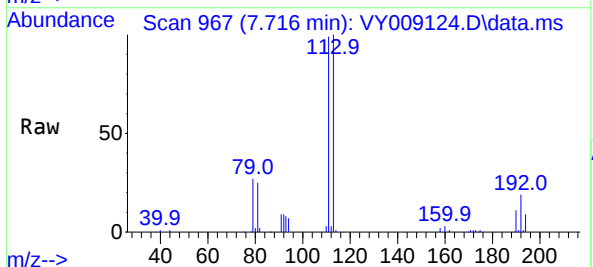
Tgt Ion:113 Resp: 65963

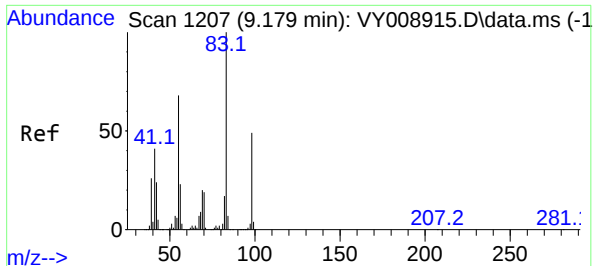
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 19.4 17.6 26.4





#39

Methylcyclohexane

Concen: 1.134 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.006 min

Lab File: VY009124.D

Acq: 02 Jun 2022 13:54

Instrument :

MSVOA_Y

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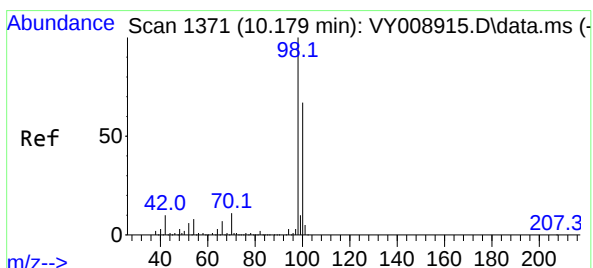
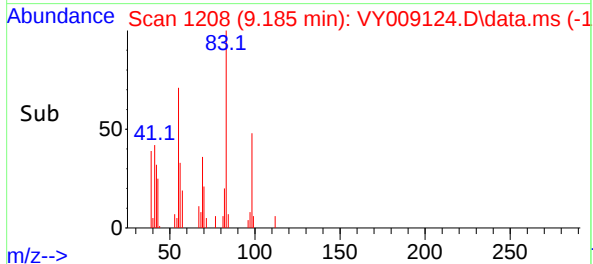
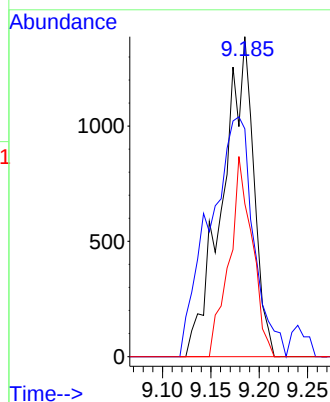
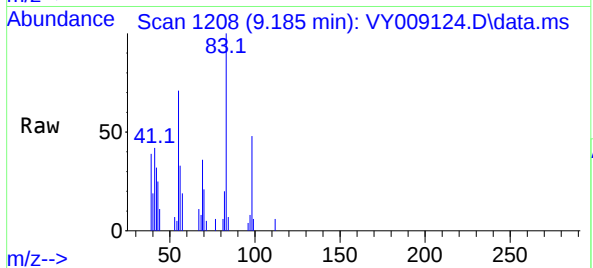
Tgt Ion: 83 Resp: 3134

Ion Ratio Lower Upper

83 100

55 71.2 66.5 99.7

98 47.8 37.9 56.9



#50

Toluene-d8

Concen: 54.774 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009124.D

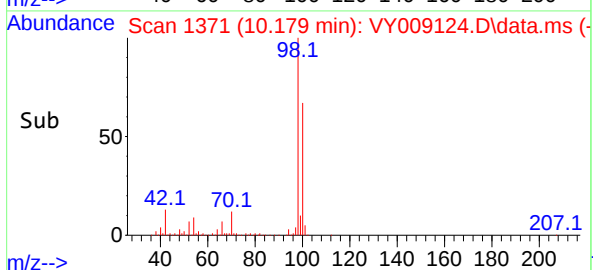
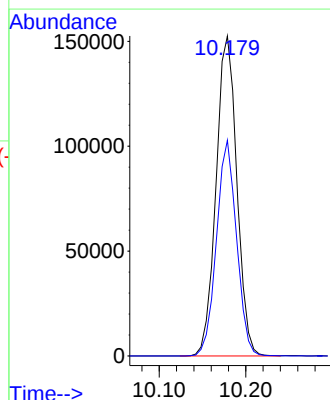
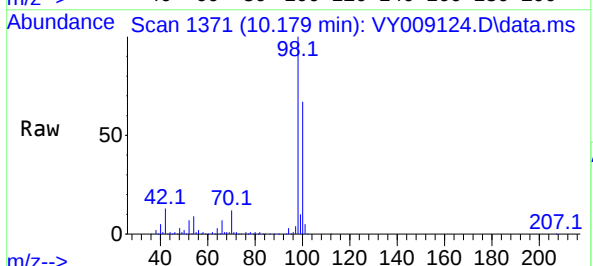
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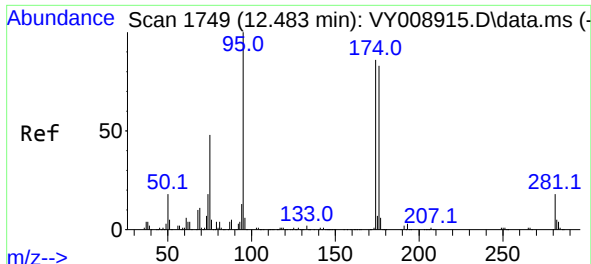
Tgt Ion: 98 Resp: 254218

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2

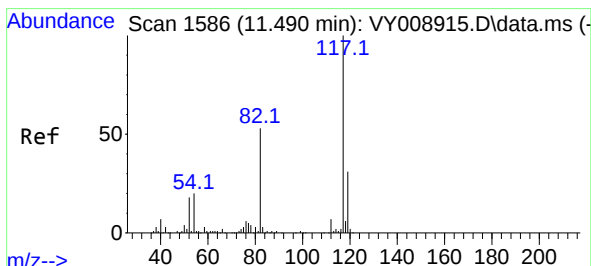
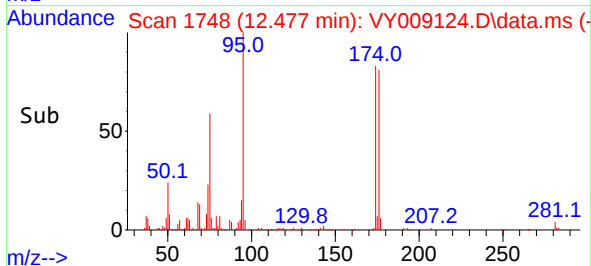
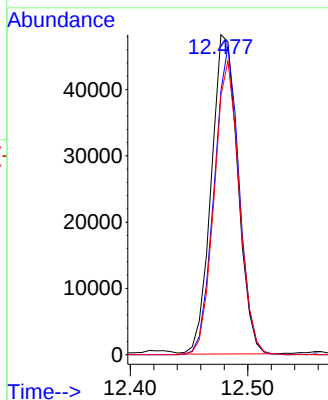
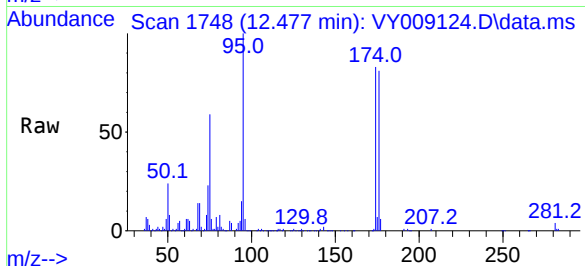




#62
4-Bromofluorobenzene
Concen: 40.338 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

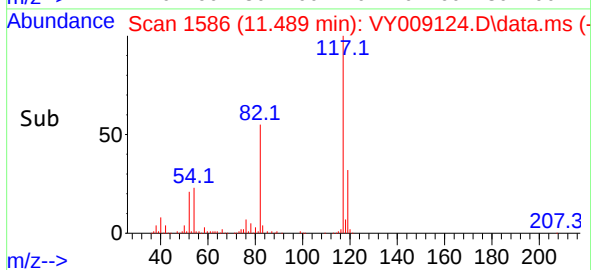
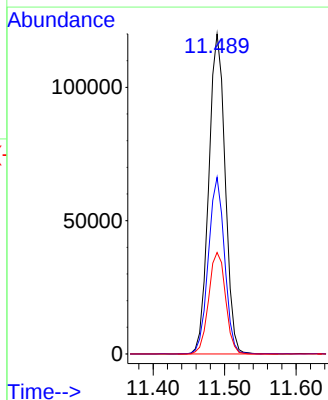
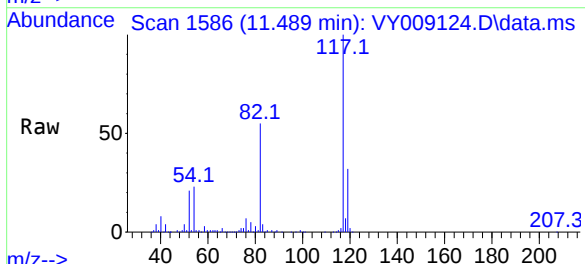
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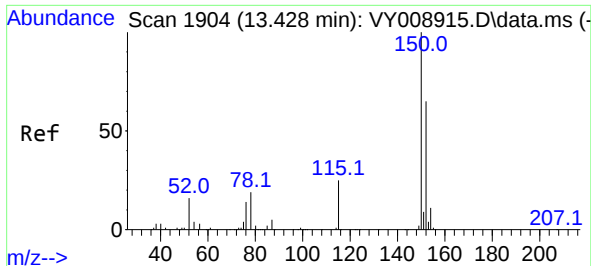
Tgt Ion:	95	Resp:	75522
Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	177.0
176	87.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009124.D
Acq: 02 Jun 2022 13:54

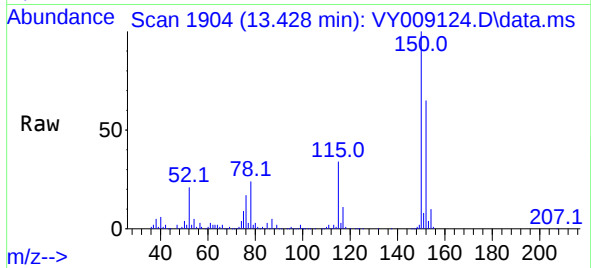
Tgt Ion:	117	Resp:	191232
Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.0	64.4
119	31.7	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009124.D
 Acq: 02 Jun 2022 13:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220420-COMPOSITE-I



Tgt Ion:	152	Resp:	83955
Ion Ratio	Lower	Upper	
152	100		
115	54.9	28.2	84.7
150	156.4	0.0	347.6

