

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009092.D
 Acq On : 25 May 2022 16:06
 Operator : KP/MD
 Sample : N2981-20
 Misc : 3.18g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6(3-3.5)

Quant Time: May 26 04:29:30 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)

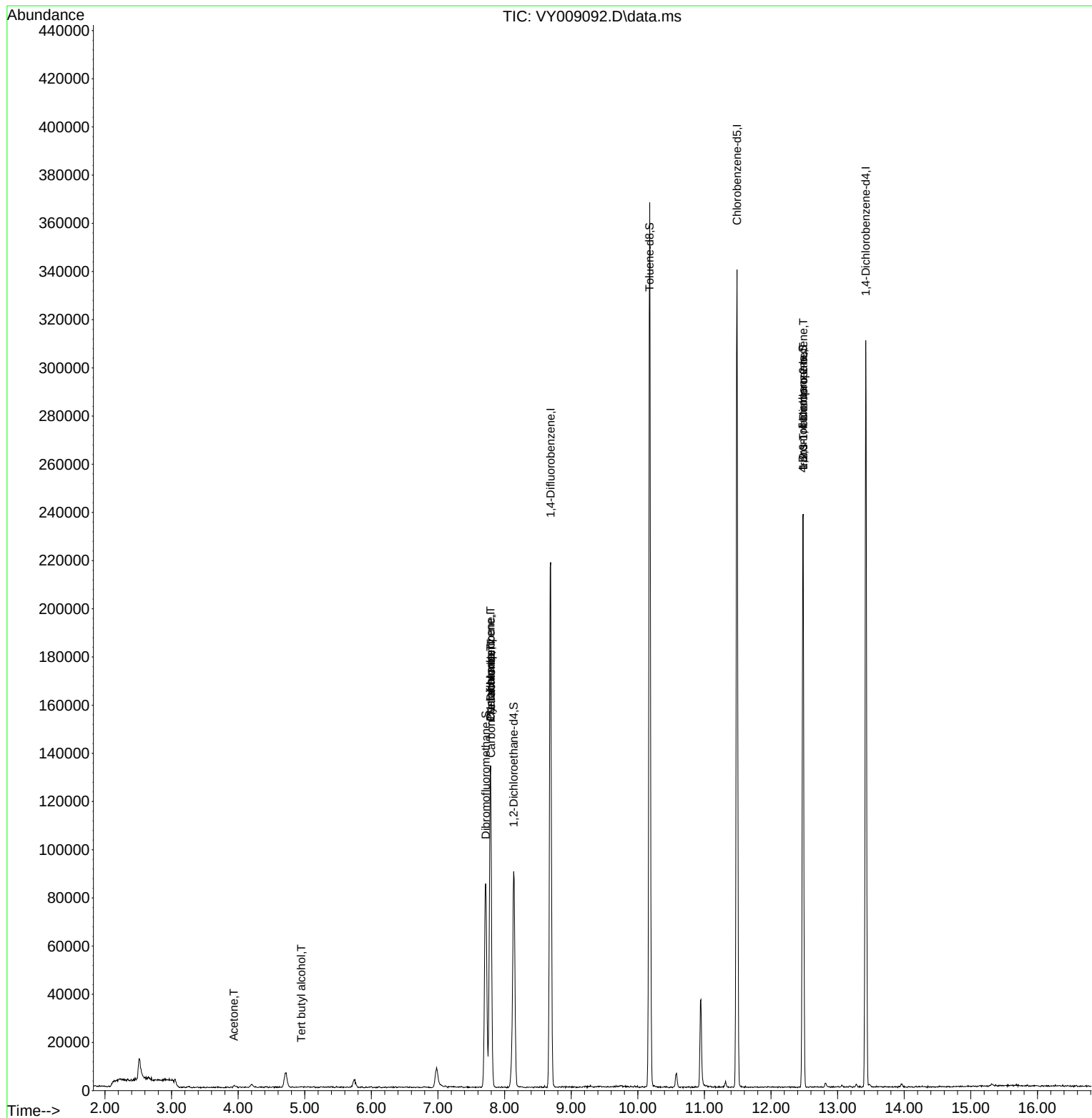
Internal Standards						
1) Pentafluorobenzene	7.789	168	100409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63943	61.877	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.760%	
35) Dibromofluoromethane	7.715	113	59394	51.803	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.600%	
50) Toluene-d8	10.178	98	226678	53.592	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.180%	
62) 4-Bromofluorobenzene	12.477	95	63840	37.416	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.840%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	199	1.898	ug/l #	77
16) Acetone	3.936	43	1310	6.090	ug/l #	74
20) Methylene Chloride	4.710	84	4468	Below Cal	#	79
31) Cyclohexane	7.789	56	2867	1.418	ug/l #	22
36) 1,1-Dichloropropene	7.789	75	8931	4.577	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10299	5.046	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	36946	47.578	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36946	97.654	ug/l #	7

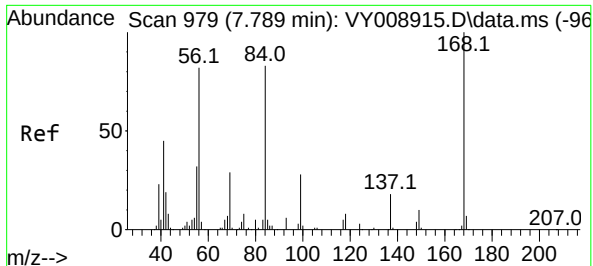
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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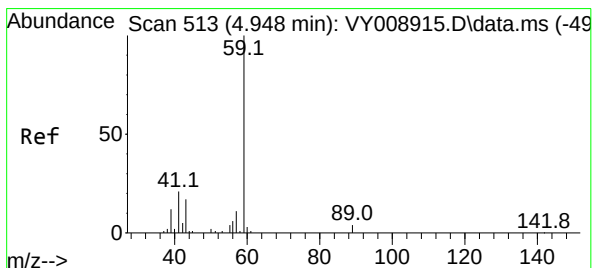
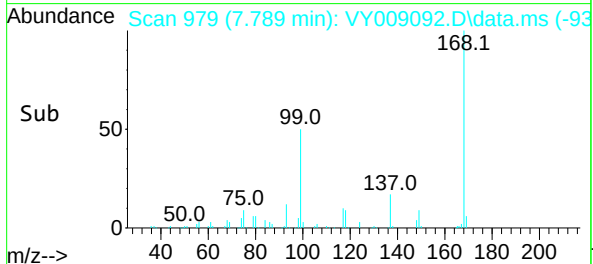
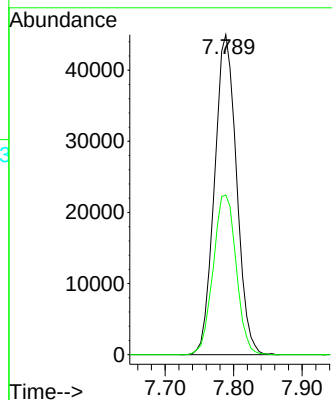
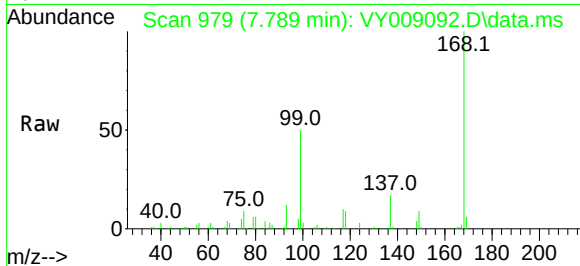




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009092.D
Acq: 25 May 2022 16:06

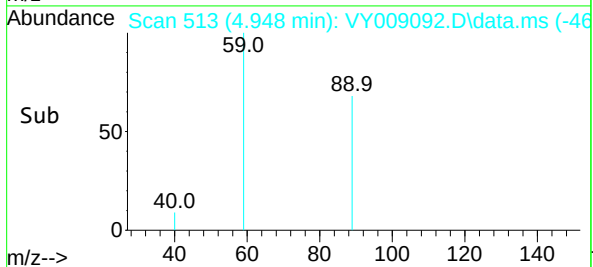
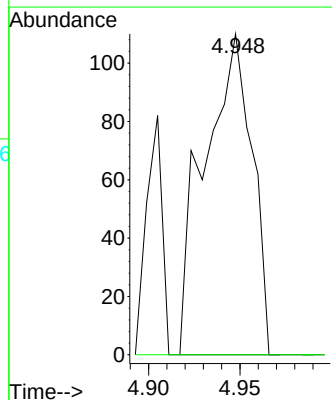
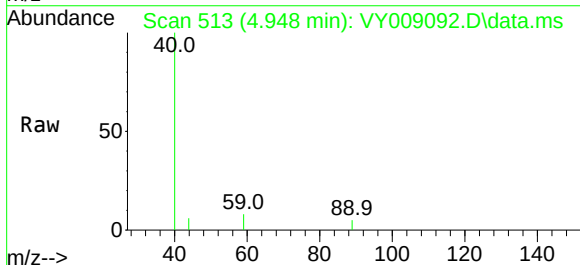
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(3-3.5)

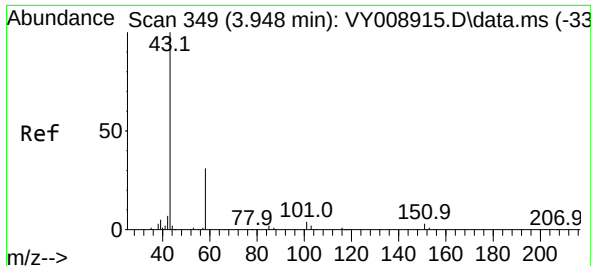
Tgt Ion:168 Resp: 100409
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.898 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009092.D
Acq: 25 May 2022 16:06

Tgt Ion: 59 Resp: 199
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

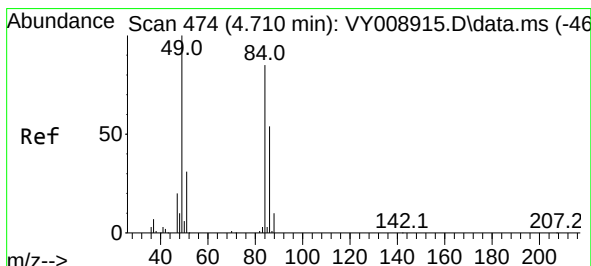
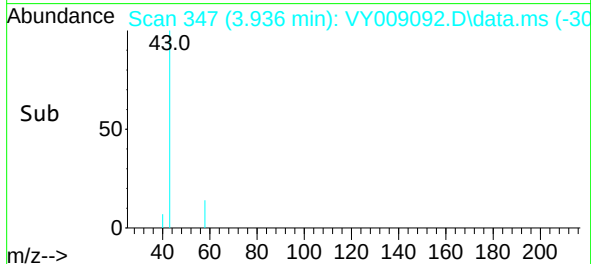
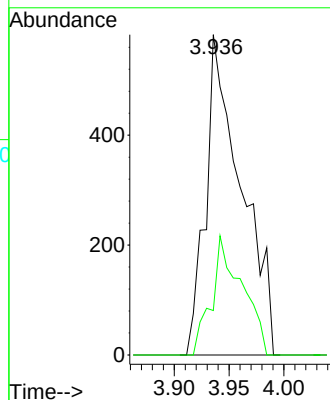
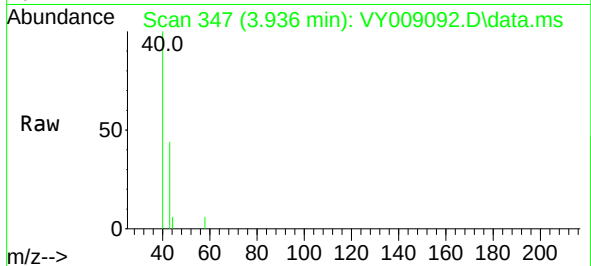




#16
Acetone
Concen: 6.090 ug/l
RT: 3.936 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY009092.D
Acq: 25 May 2022 16:06

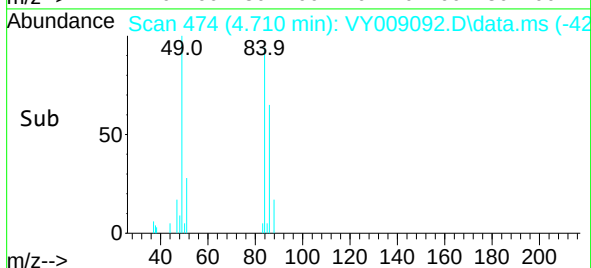
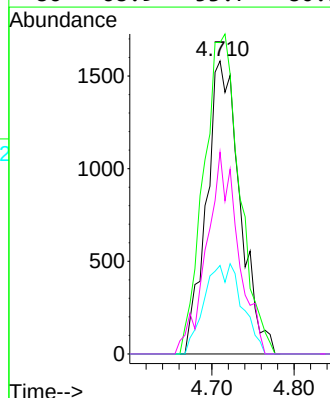
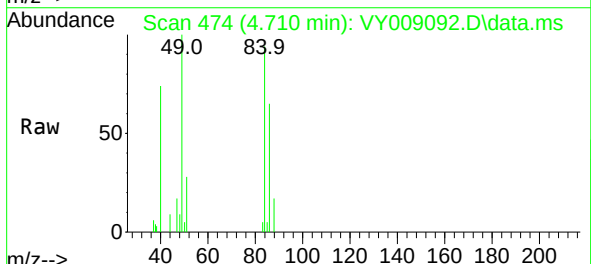
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(3-3.5)

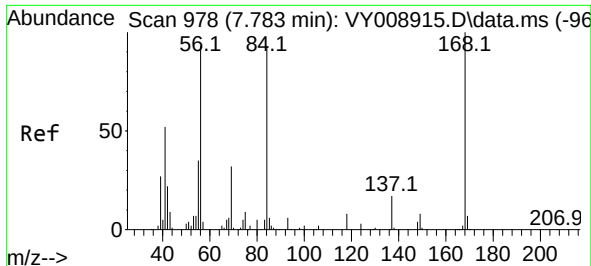
Tgt Ion: 43 Resp: 1310
Ion Ratio Lower Upper
43 100
58 13.9 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY009092.D
Acq: 25 May 2022 16:06

Tgt Ion: 84 Resp: 4468
Ion Ratio Lower Upper
84 100
49 106.3 114.4 171.6#
51 30.2 35.3 52.9#
86 68.9 53.7 80.5

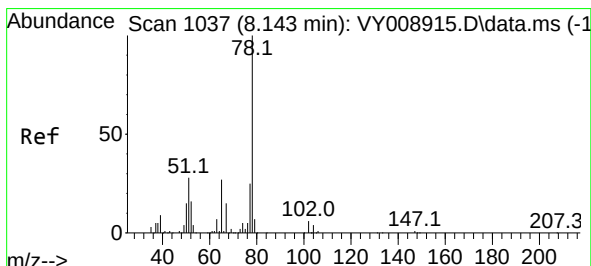
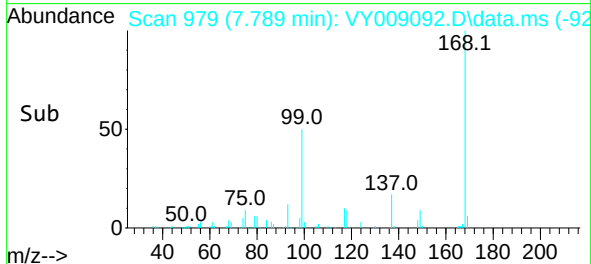
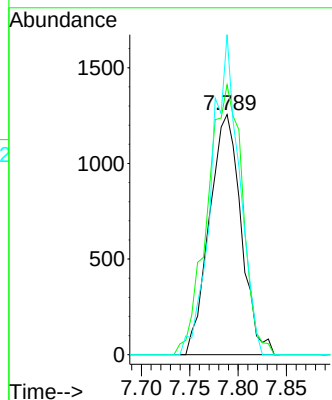
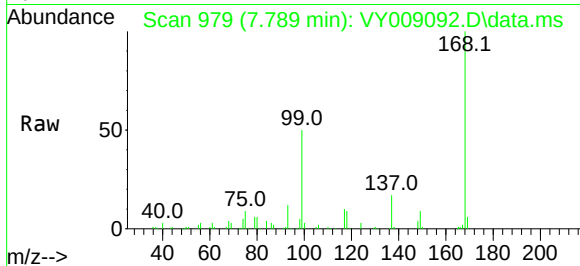




#31
Cyclohexane
Concen: 1.418 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009092.D
Acq: 25 May 2022 16:06

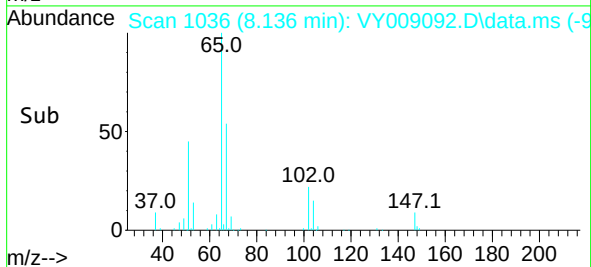
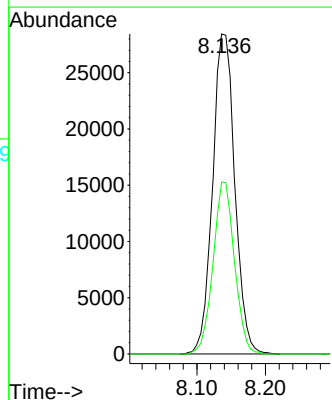
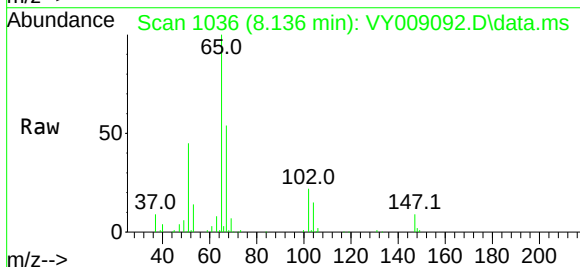
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(3-3.5)

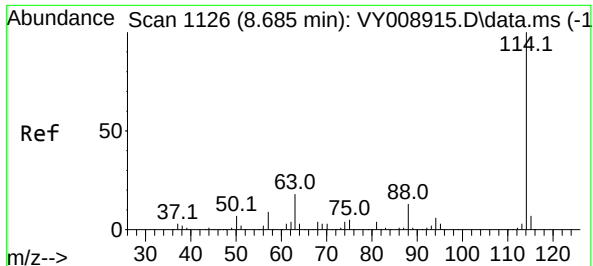
Tgt Ion: 56 Resp: 2867
Ion Ratio Lower Upper
56 100
69 112.3 26.7 40.1#
84 133.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.877 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY009092.D
Acq: 25 May 2022 16:06

Tgt Ion: 65 Resp: 63943
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009092.D

Acq: 25 May 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(3-3.5)

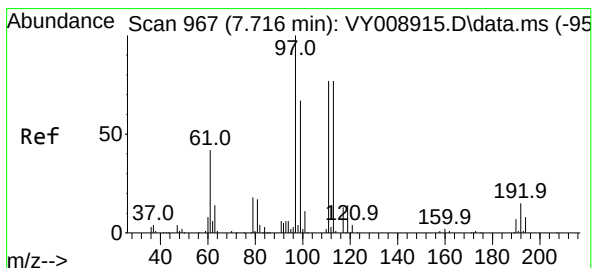
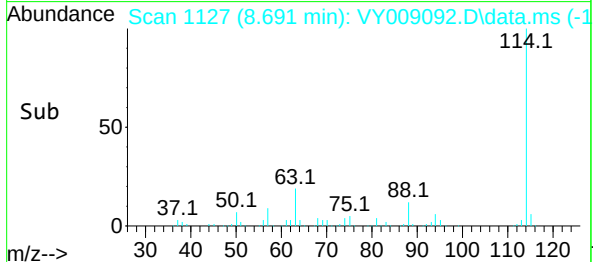
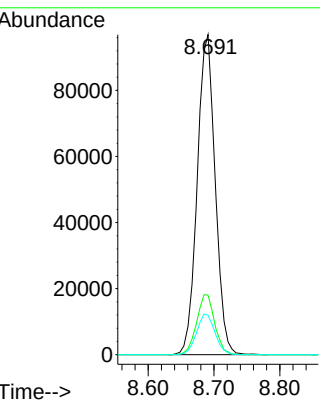
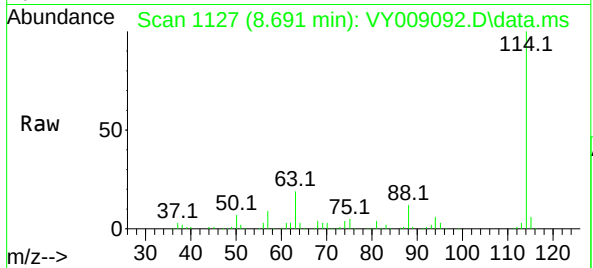
Tgt Ion:114 Resp: 184377

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 12.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.803 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY009092.D

Acq: 25 May 2022 16:06

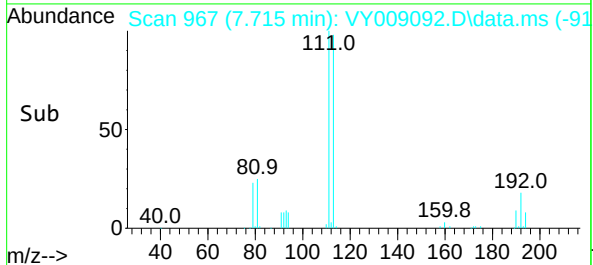
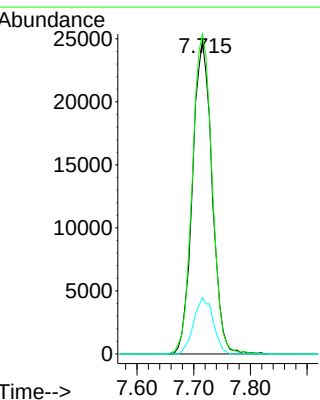
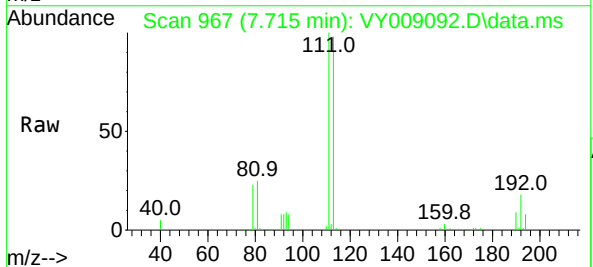
Tgt Ion:113 Resp: 59394

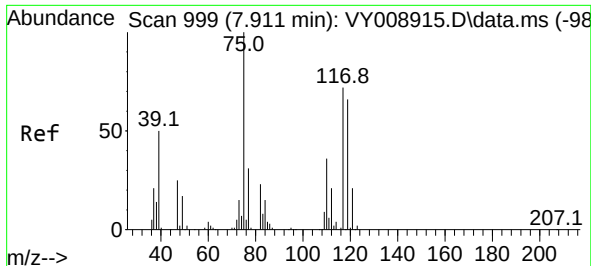
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 18.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.577 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009092.D

Acq: 25 May 2022 16:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-6(3-3.5)

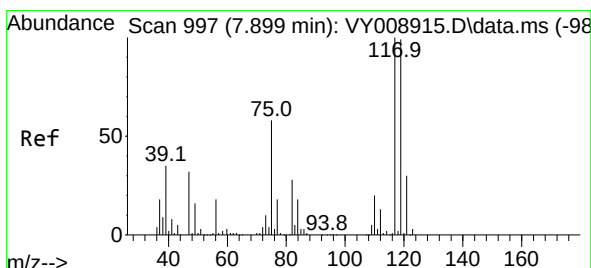
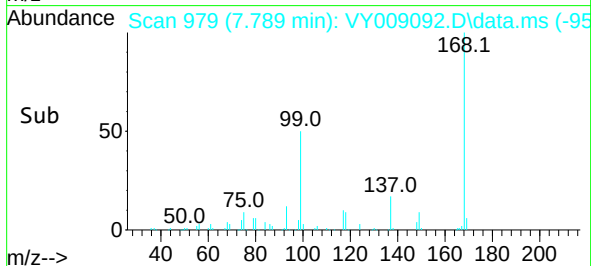
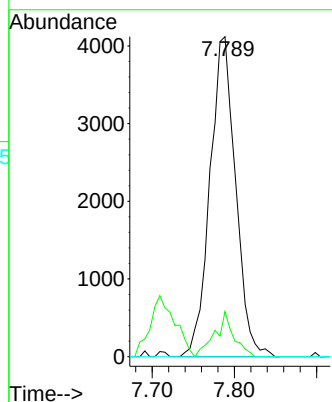
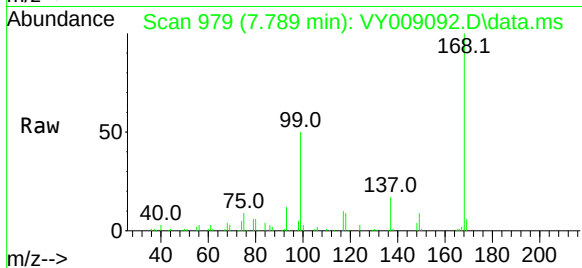
Tgt Ion: 75 Resp: 8931

Ion Ratio Lower Upper

75 100

110 10.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.046 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY009092.D

Acq: 25 May 2022 16:06

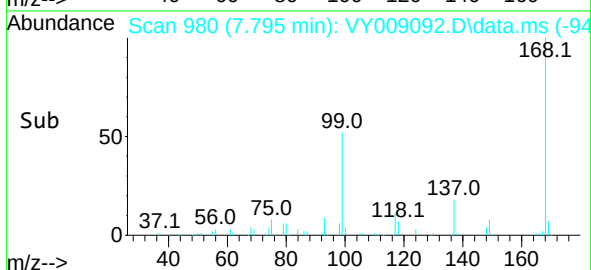
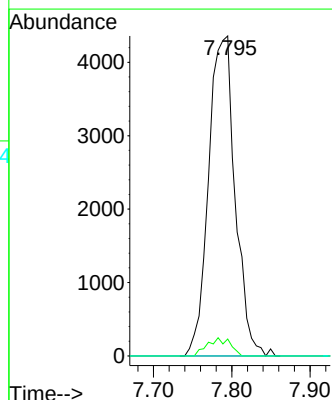
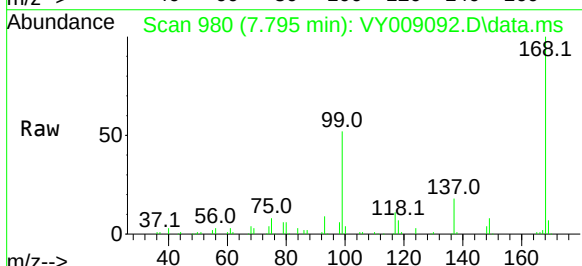
Tgt Ion: 117 Resp: 10299

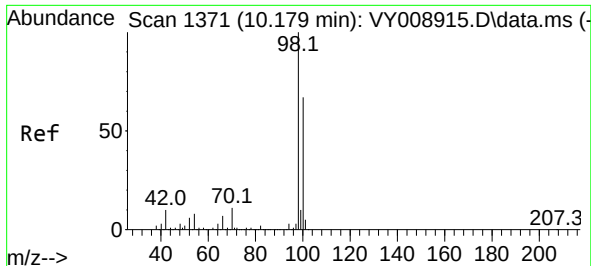
Ion Ratio Lower Upper

117 100

119 5.3 77.9 116.9#

121 0.0 24.8 37.2#

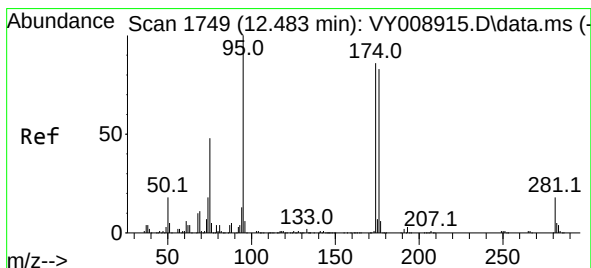
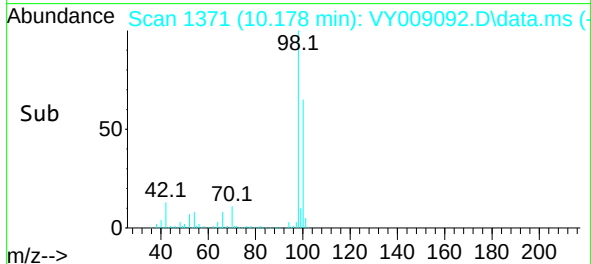
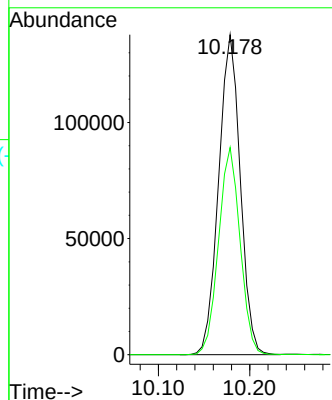
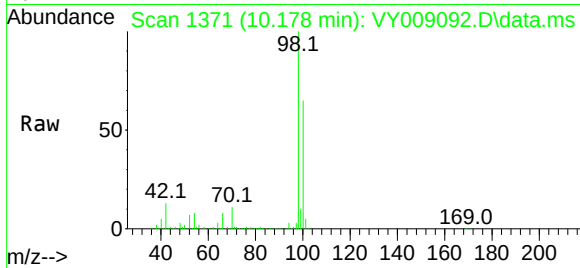




#50
Toluene-d8
Concen: 53.592 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY009092.D
Acq: 25 May 2022 16:06

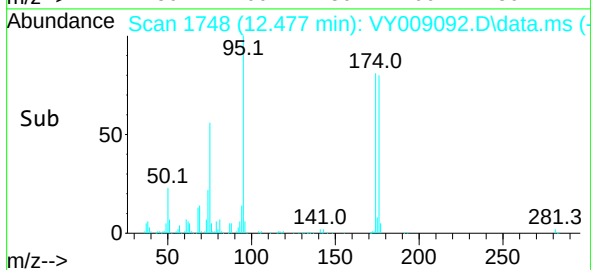
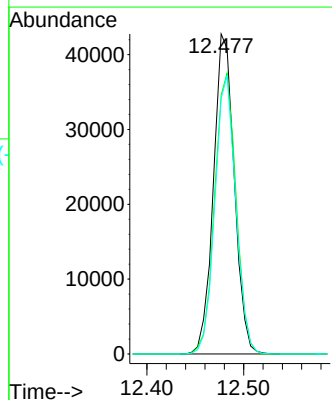
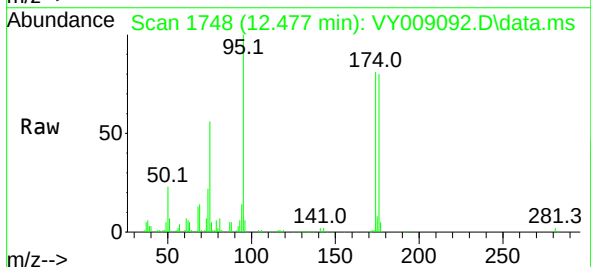
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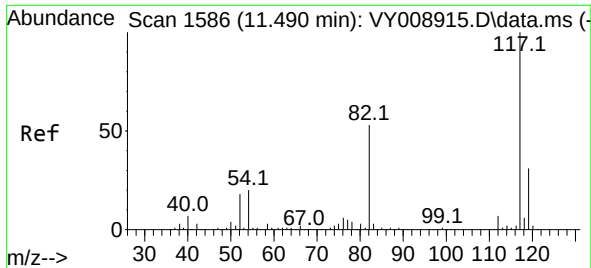
Tgt Ion: 98 Resp: 226678
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.416 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009092.D
Acq: 25 May 2022 16:06

Tgt Ion: 95 Resp: 63840
Ion Ratio Lower Upper
95 100
174 90.5 0.0 177.0
176 87.0 0.0 175.8

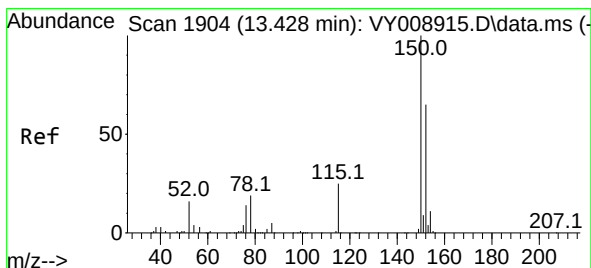
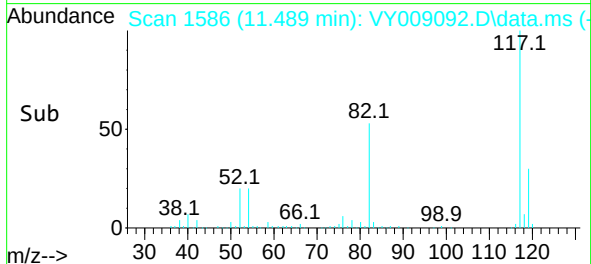
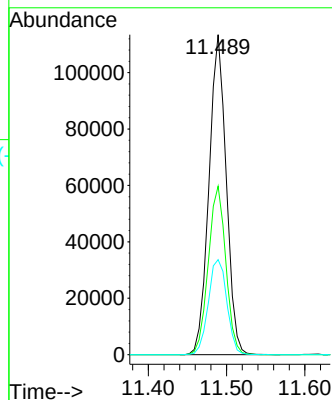
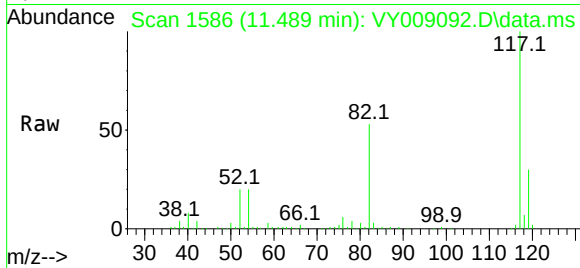




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY009092.D
Acq: 25 May 2022 16:06

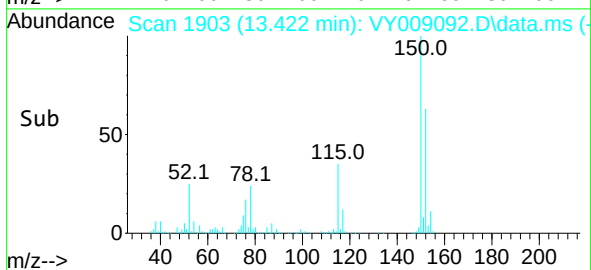
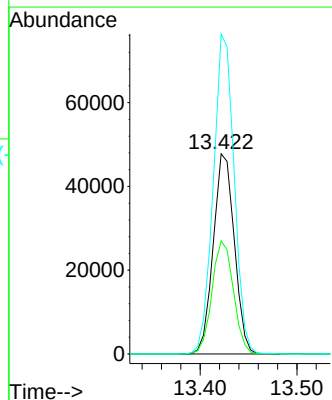
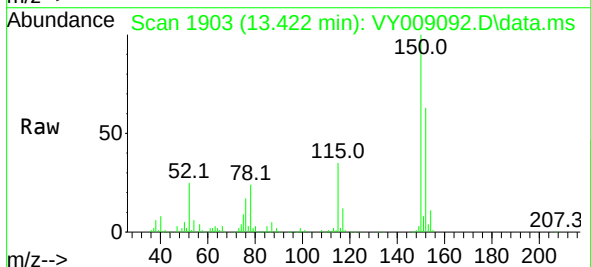
Instrument :
MSVOA_Y
ClientSampleId :
SB-6(3-3.5)

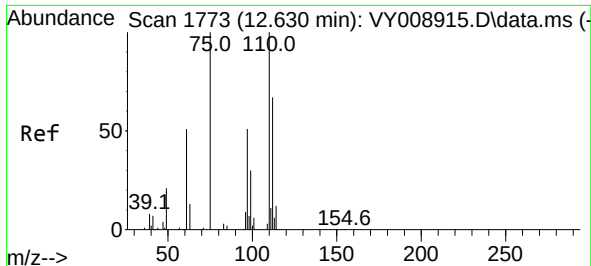
Tgt Ion:117 Resp: 173318
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 29.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY009092.D
Acq: 25 May 2022 16:06

Tgt Ion:152 Resp: 72311
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 158.5 0.0 347.6

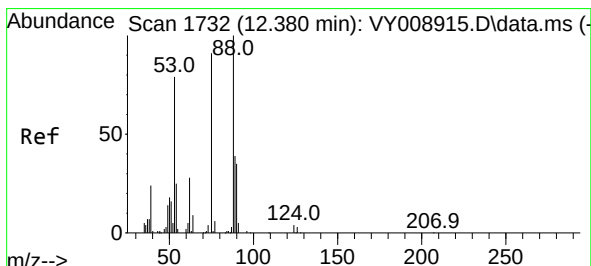
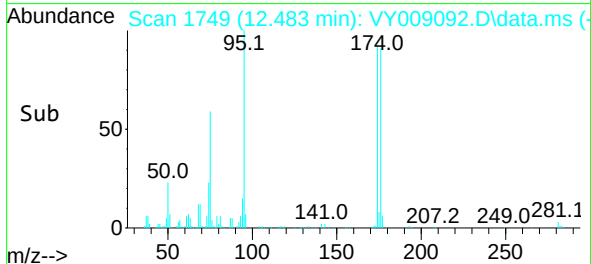
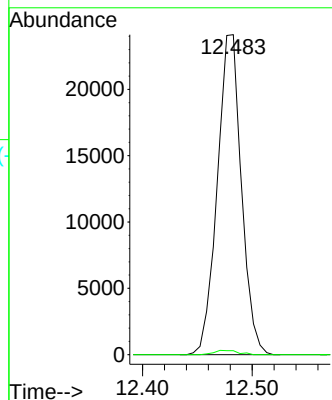
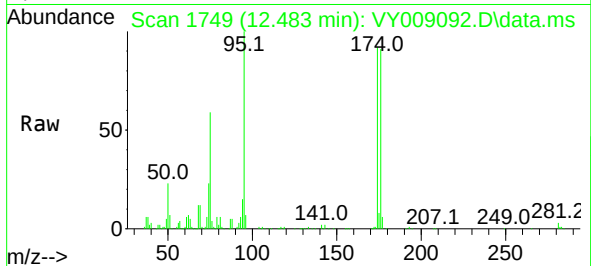




#76
1,2,3-Trichloropropane
Concen: 47.578 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009092.D
Acq: 25 May 2022 16:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-6(3-3.5)

Tgt Ion: 75 Resp: 36946
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.654 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009092.D
Acq: 25 May 2022 16:06

Tgt Ion: 75 Resp: 36946
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

