

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042222\
 Data File : VY008461.D
 Acq On : 22 Apr 2022 13:50
 Operator : KP/MD
 Sample : N2511-04RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 1529RE

Quant Time: Apr 23 01:52:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

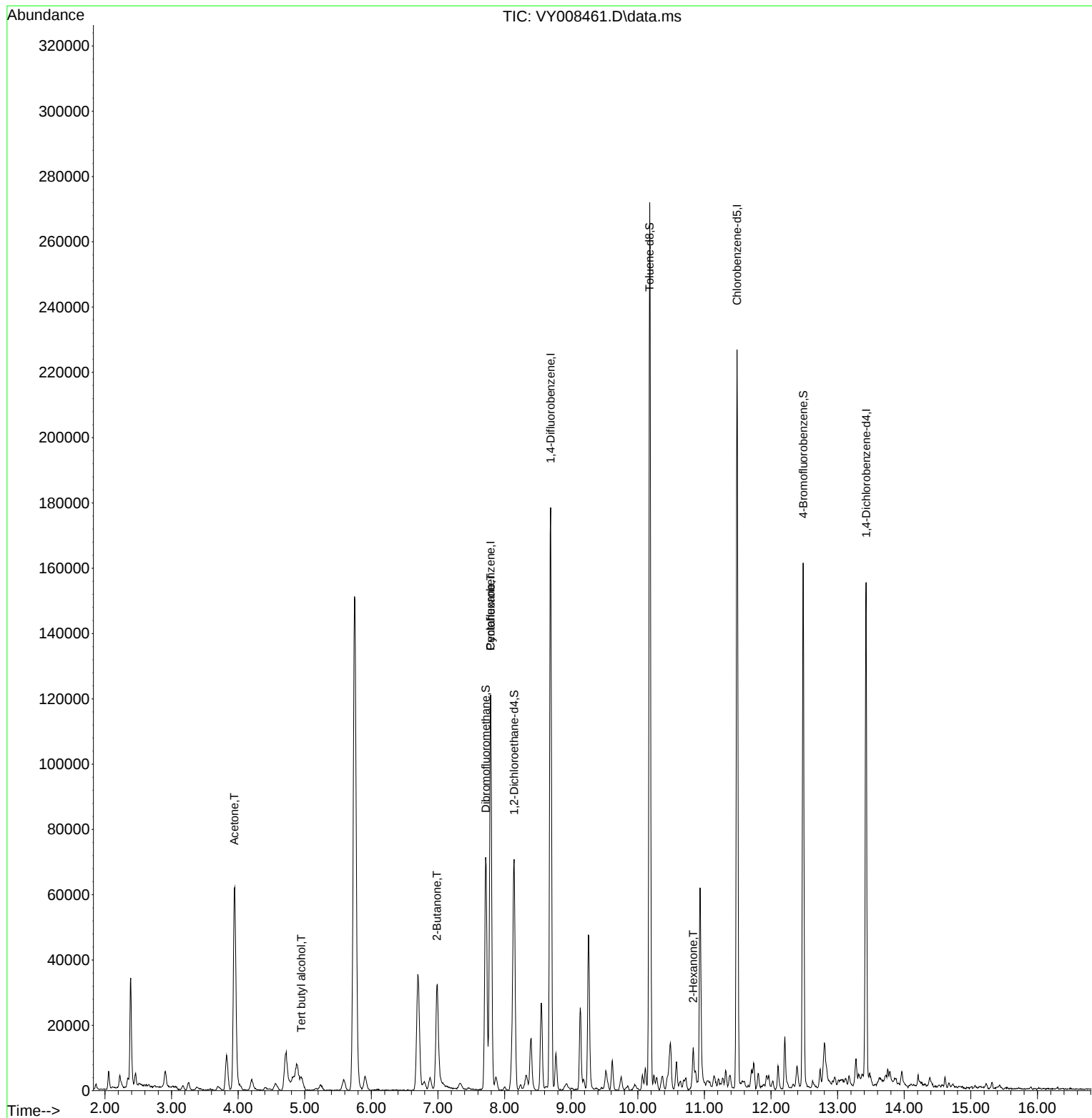
Internal Standards						
1) Pentafluorobenzene	7.789	168	91171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	160660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	125255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49065	45.738	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.480%
35) Dibromofluoromethane	7.716	113	50565	48.767	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.540%
50) Toluene-d8	10.179	98	179952	43.829	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.660%
62) 4-Bromofluorobenzene	12.483	95	44641	31.973	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	7939	53.918	ug/l #	84
16) Acetone	3.942	43	108132	432.767	ug/l #	89
25) 2-Butanone	6.984	43	45986	118.964	ug/l #	83
31) Cyclohexane	7.789	56	2572	1.458	ug/l #	9
59) 2-Hexanone	10.831	43	7105	11.700	ug/l	98

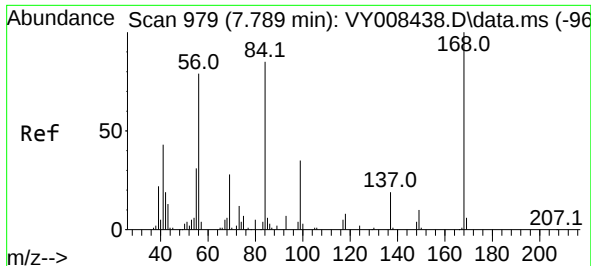
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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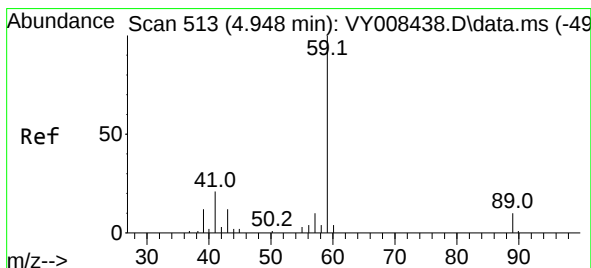
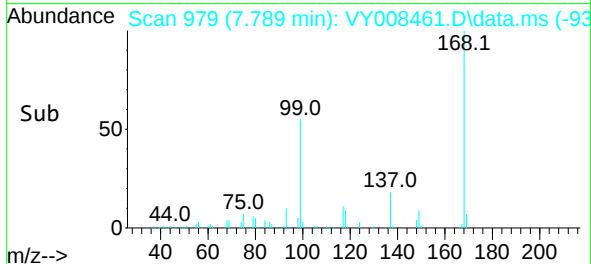
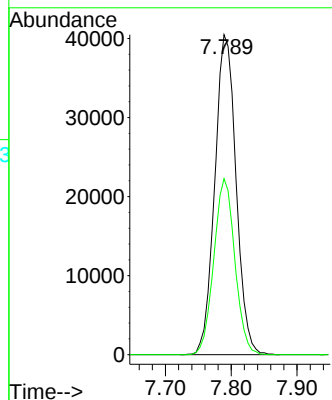
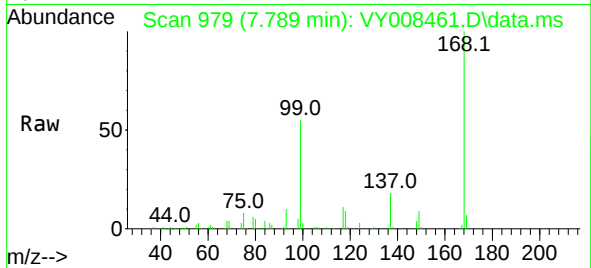




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008461.D
Acq: 22 Apr 2022 13:50

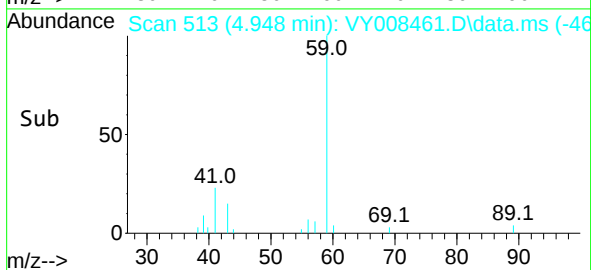
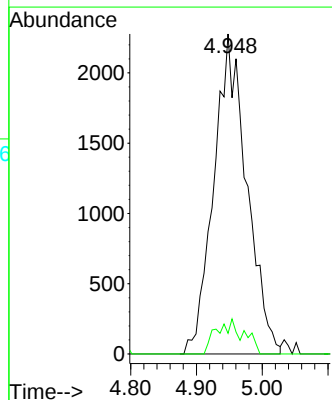
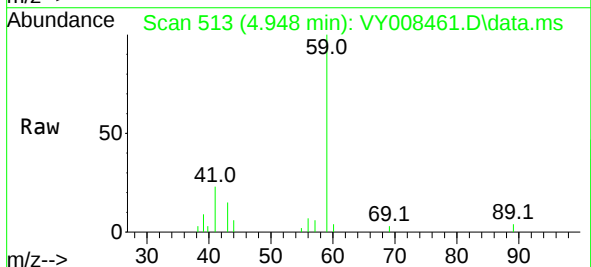
Instrument :
MSVOA_Y
ClientSampleId :
1529RE

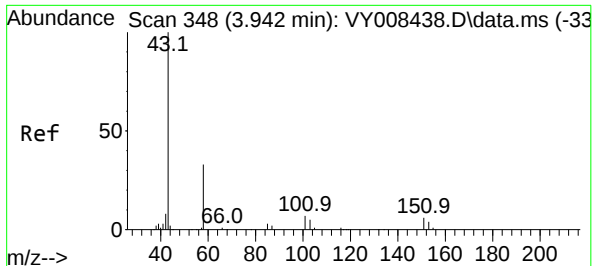
Tgt Ion:168 Resp: 91171
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 53.918 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY008461.D
Acq: 22 Apr 2022 13:50

Tgt Ion: 59 Resp: 7939
Ion Ratio Lower Upper
59 100
57 2.3 6.4 9.6#





#16

Acetone

Concen: 432.767 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY008461.D

Acq: 22 Apr 2022 13:50

Instrument :

MSVOA_Y

ClientSampleId :

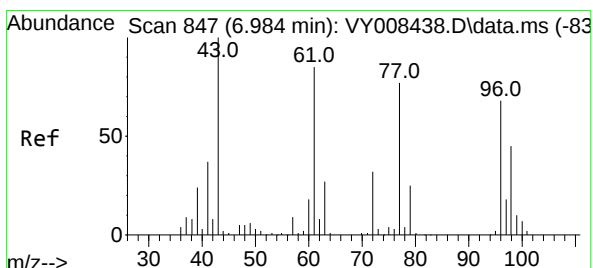
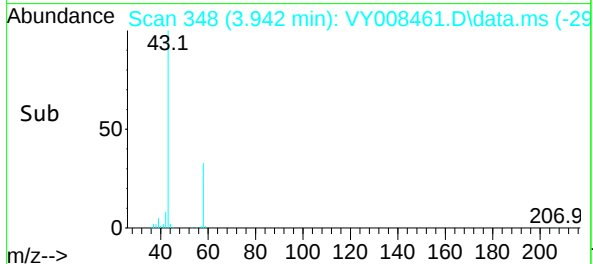
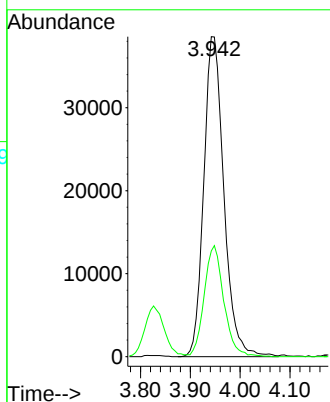
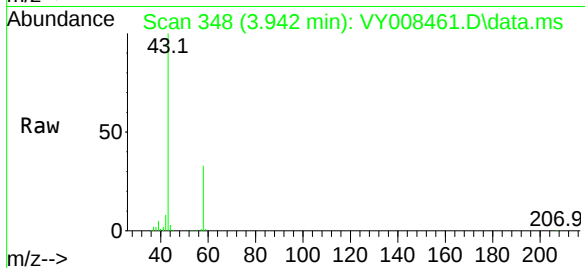
1529RE

Tgt Ion: 43 Resp: 108132

Ion Ratio Lower Upper

43 100

58 33.1 22.0 33.0#



#25

2-Butanone

Concen: 118.964 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008461.D

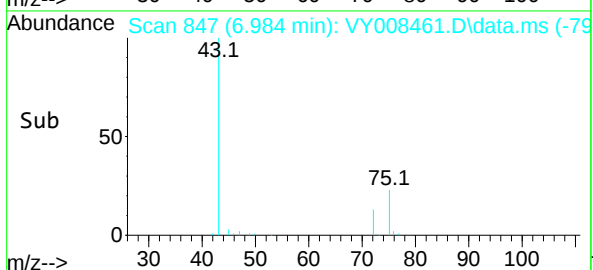
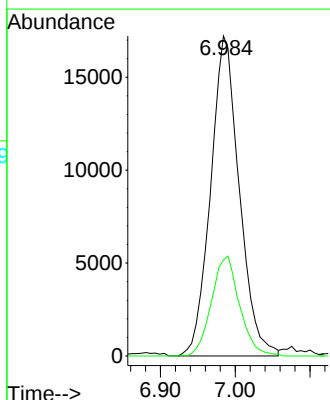
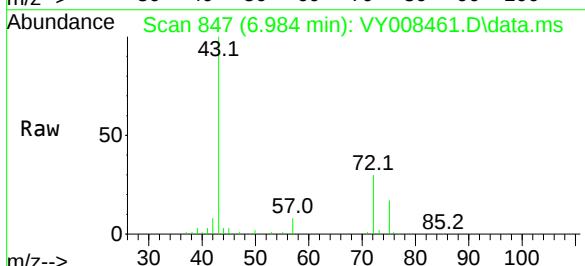
Acq: 22 Apr 2022 13:50

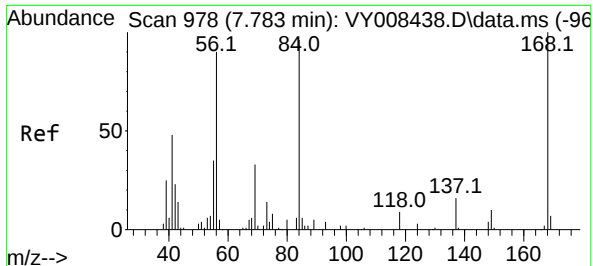
Tgt Ion: 43 Resp: 45986

Ion Ratio Lower Upper

43 100

72 30.0 17.7 26.5#

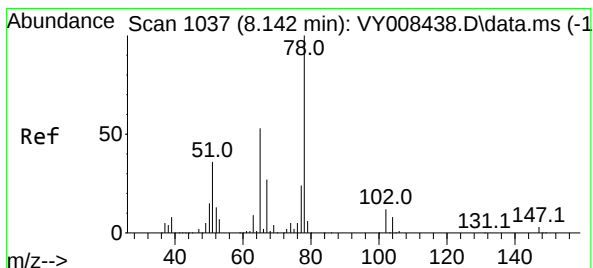
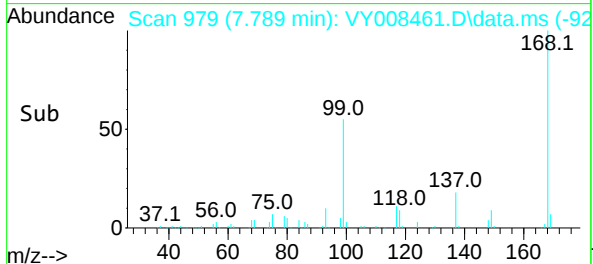
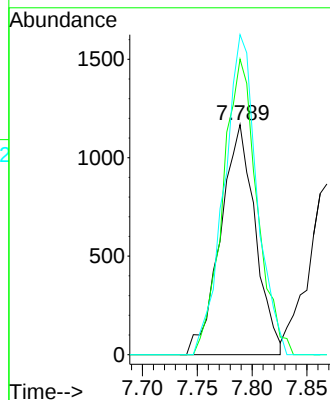
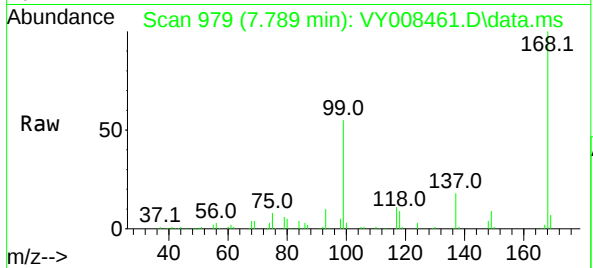




#31
Cyclohexane
Concen: 1.458 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008461.D
Acq: 22 Apr 2022 13:50

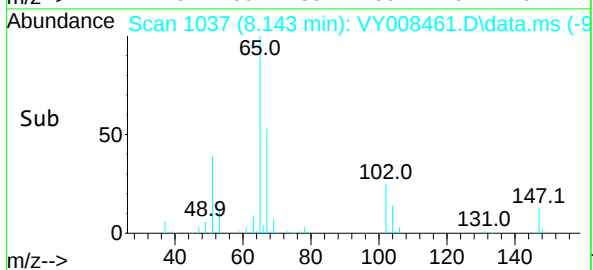
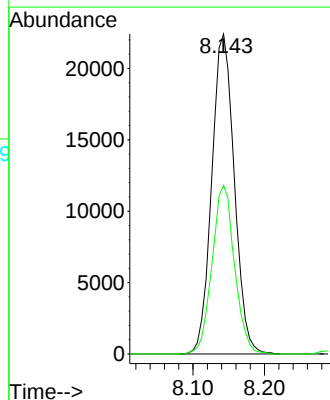
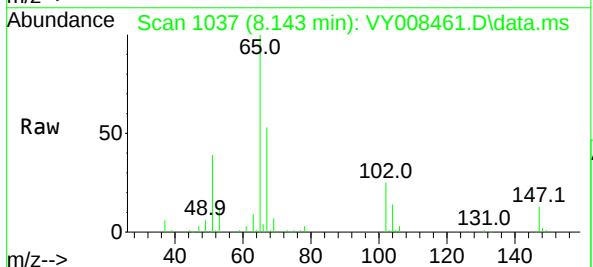
Instrument :
MSVOA_Y
ClientSampleId :
1529RE

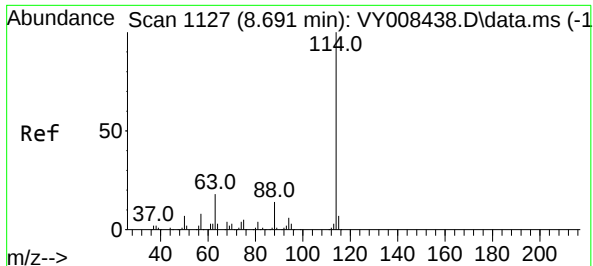
Tgt Ion: 56 Resp: 2572
Ion Ratio Lower Upper
56 100
69 128.5 26.7 40.1#
84 139.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 45.738 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008461.D
Acq: 22 Apr 2022 13:50

Tgt Ion: 65 Resp: 49065
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008461.D

Acq: 22 Apr 2022 13:50

Instrument :

MSVOA_Y

ClientSampleId :

1529RE

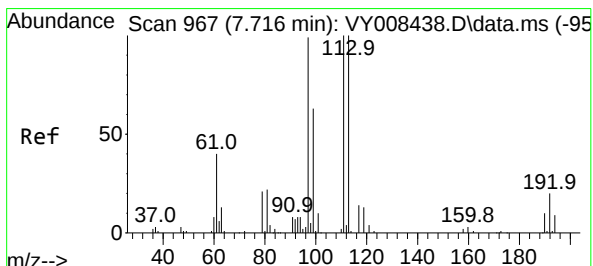
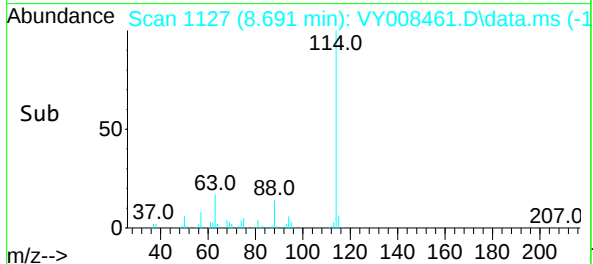
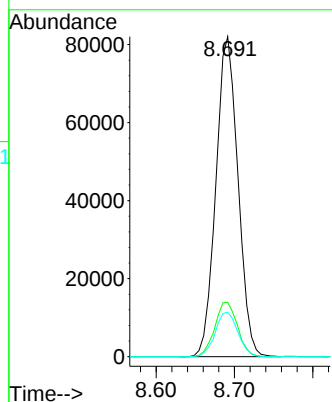
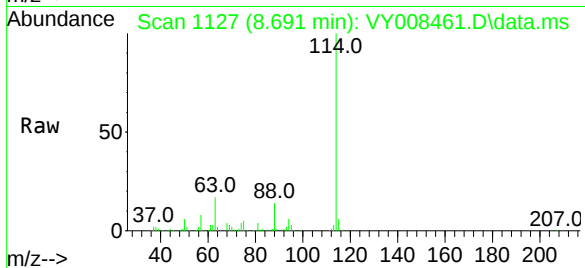
Tgt Ion:114 Resp: 160660

Ion Ratio Lower Upper

114 100

63 17.0 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.767 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008461.D

Acq: 22 Apr 2022 13:50

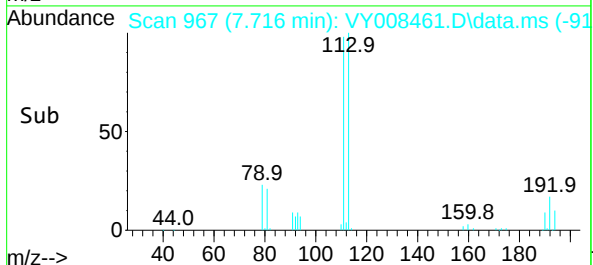
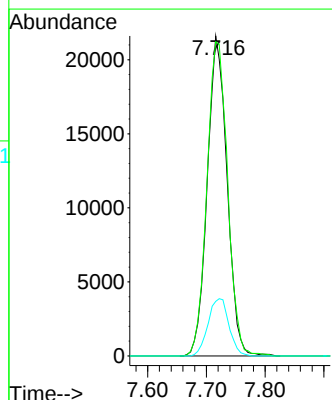
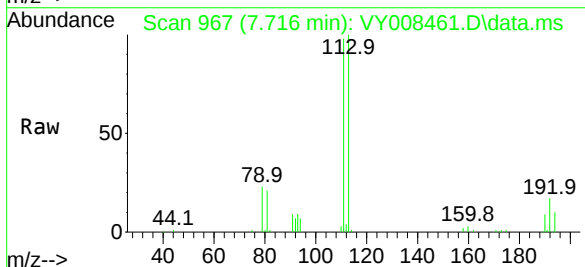
Tgt Ion:113 Resp: 50565

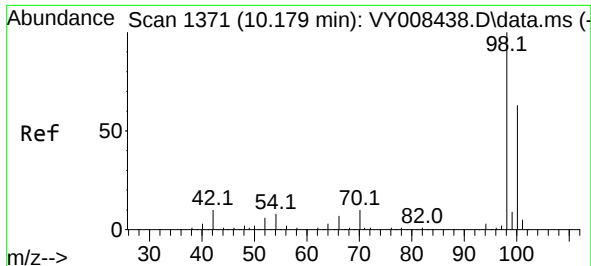
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 18.9 17.6 26.4

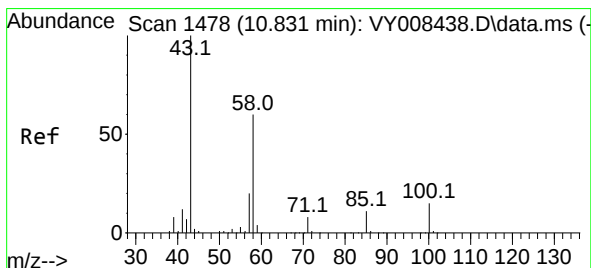
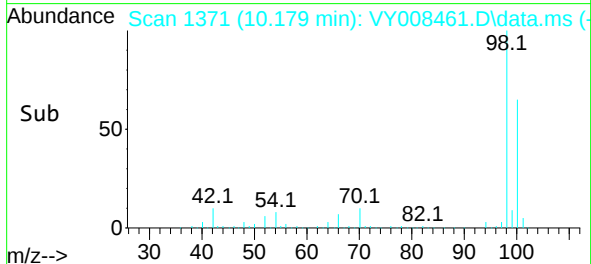
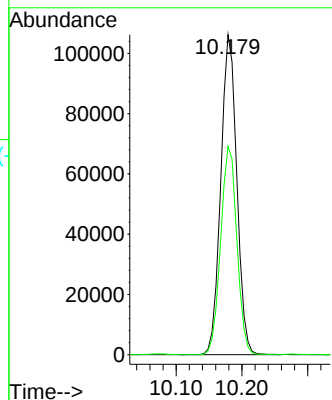
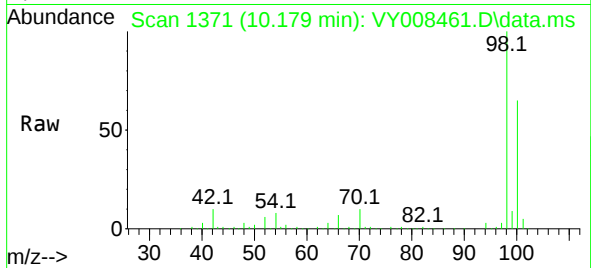




#50
Toluene-d8
Concen: 43.829 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008461.D
Acq: 22 Apr 2022 13:50

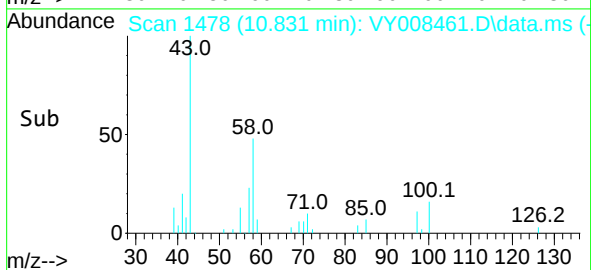
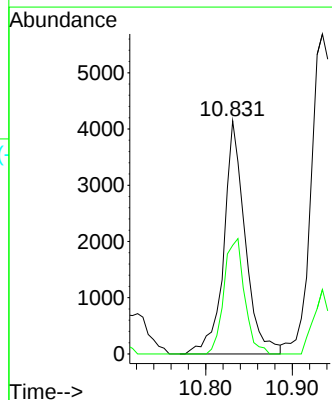
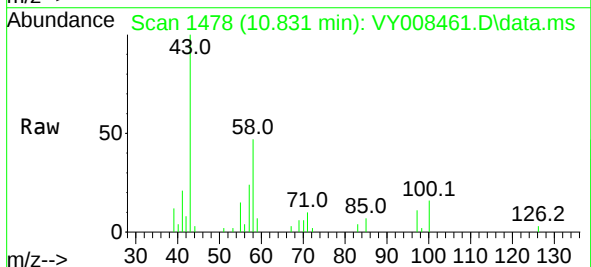
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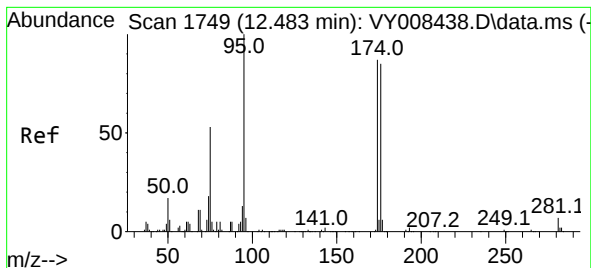
Tgt Ion: 98 Resp: 179952
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#59
2-Hexanone
Concen: 11.700 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008461.D
Acq: 22 Apr 2022 13:50

Tgt Ion: 43 Resp: 7105
Ion Ratio Lower Upper
43 100
58 47.5 24.4 73.4

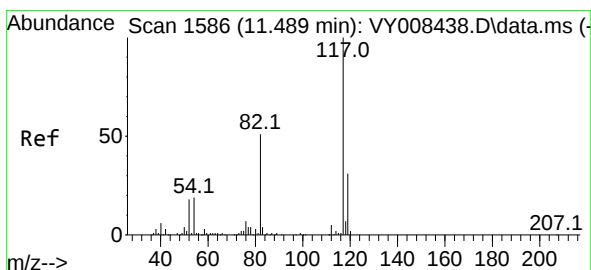
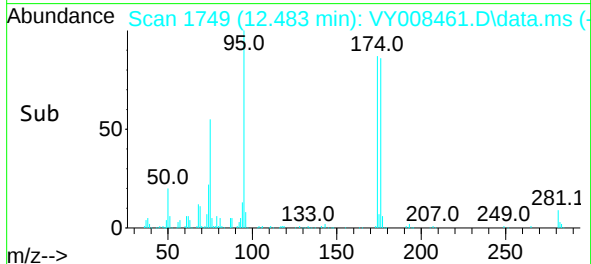
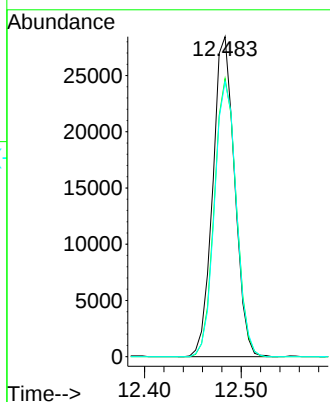
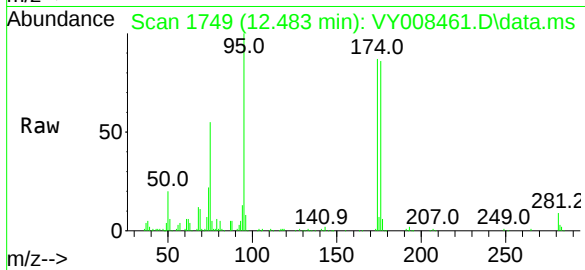




#62
4-Bromofluorobenzene
Concen: 31.973 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008461.D
Acq: 22 Apr 2022 13:50

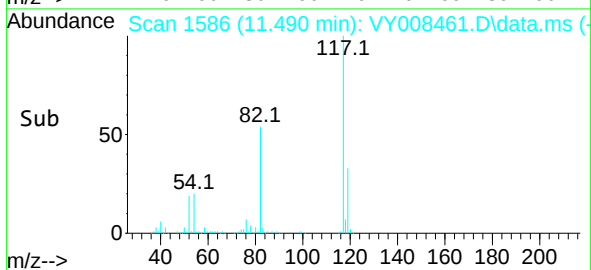
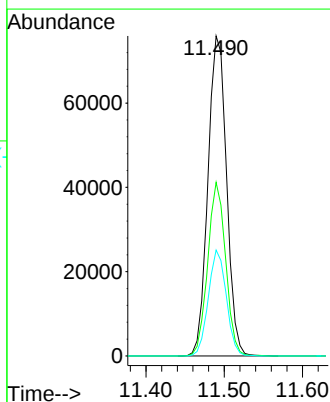
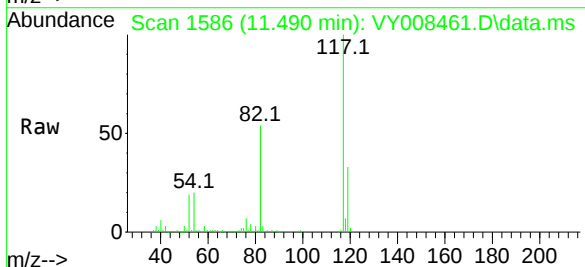
Instrument :
MSVOA_Y
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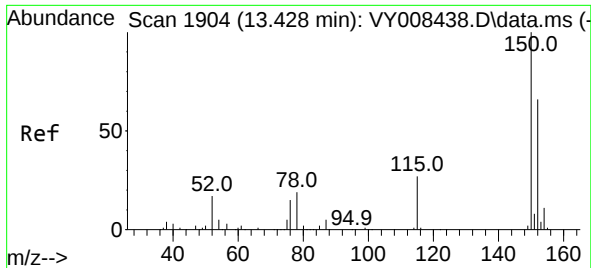
Tgt Ion: 95 Resp: 44641
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 86.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008461.D
Acq: 22 Apr 2022 13:50

Tgt Ion: 117 Resp: 125255
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 33.1 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: VY008461.D

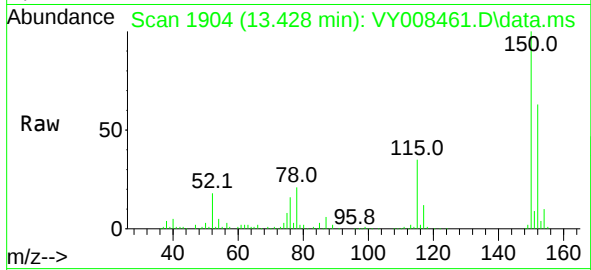
Acq: 22 Apr 2022 13:50

Instrument :

MSVOA_Y

ClientSampleId :

1529RE



Tgt Ion:152 Resp: 38927

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 156.1 0.0 347.6

