

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008930.D
 Acq On : 21 May 2022 02:25
 Operator : KP/MD
 Sample : N2888-01
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P041-SS001-0612-01

Quant Time: May 21 02:49:29 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)

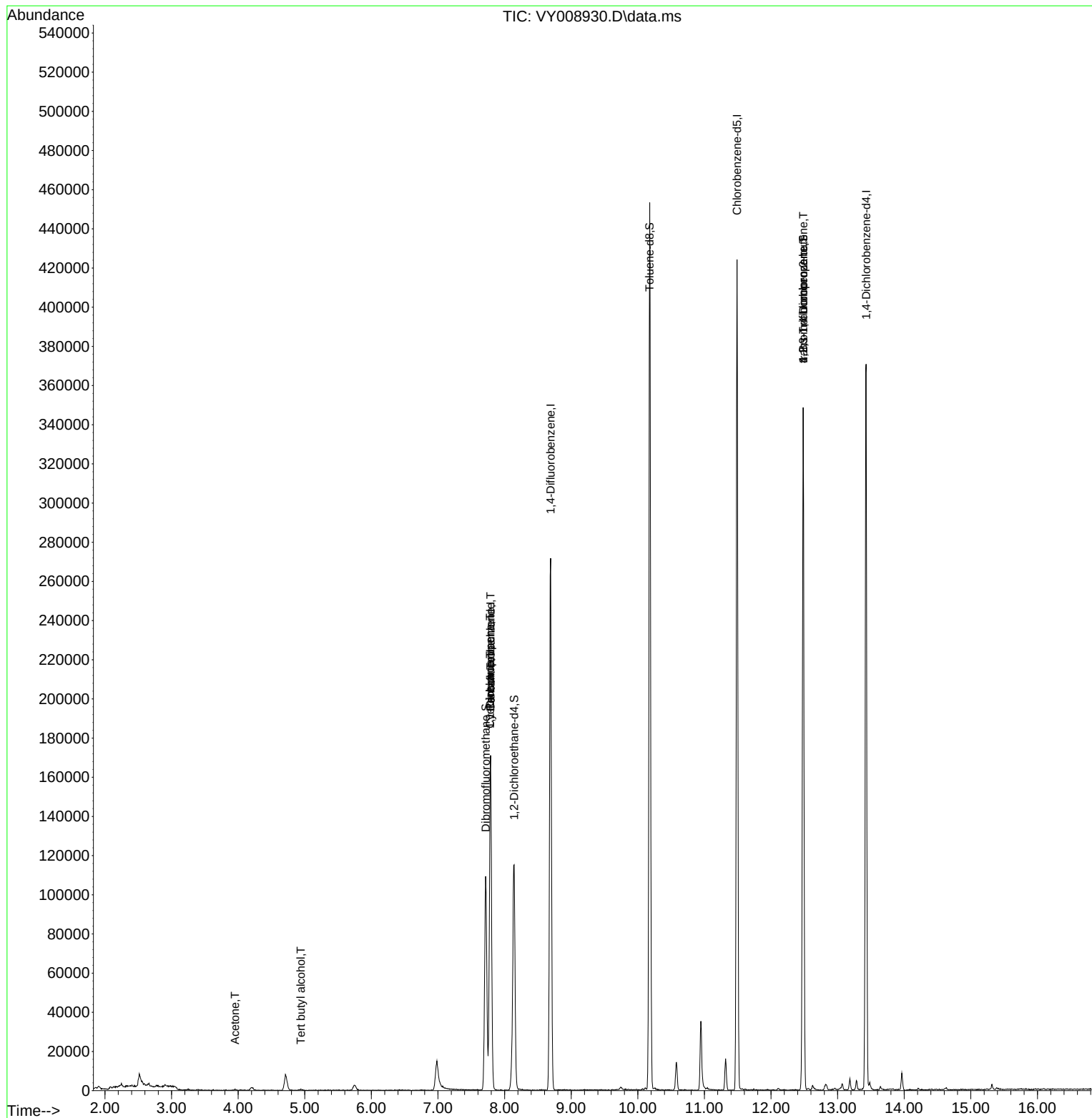
Internal Standards						
1) Pentafluorobenzene	7.789	168	130542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	216914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83352	62.040	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.080%	
35) Dibromofluoromethane	7.716	113	74040	51.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.540%	
50) Toluene-d8	10.179	98	286241	54.248	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.500%	
62) 4-Bromofluorobenzene	12.483	95	85034	39.950	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.900%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	872	6.399	ug/l #	77
16) Acetone	3.954	43	703	2.514	ug/l	93
20) Methylene Chloride	4.710	84	5460	Below Cal	#	68
31) Cyclohexane	7.783	56	3213	1.222	ug/l #	29
36) 1,1-Dichloropropene	7.783	75	11133	4.574	ug/l #	51
38) Carbon Tetrachloride	7.789	117	12595	4.946	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	48700	49.850	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48700	102.316	ug/l #	7

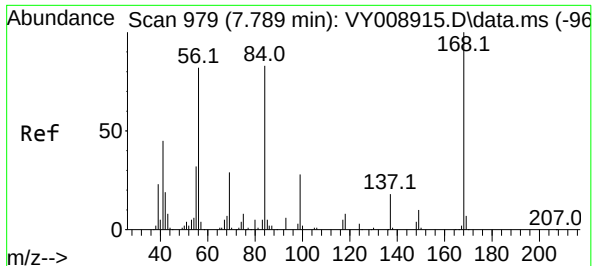
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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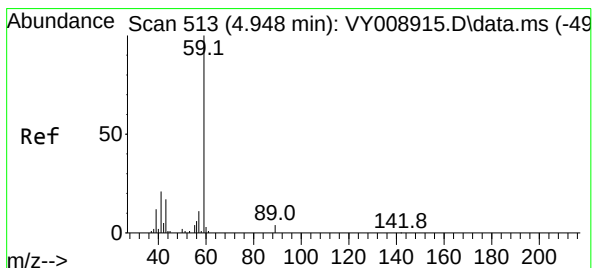
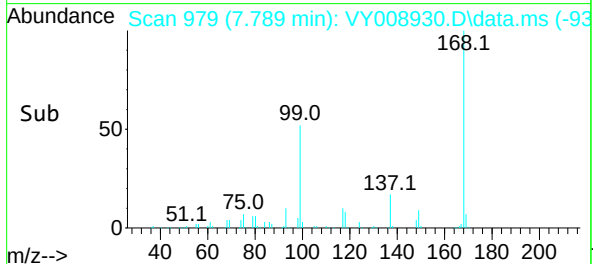
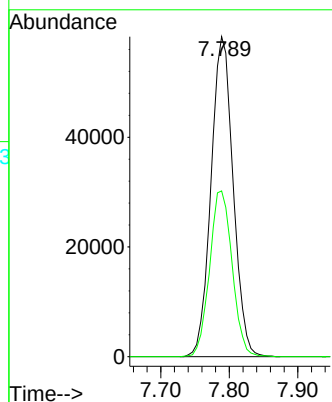
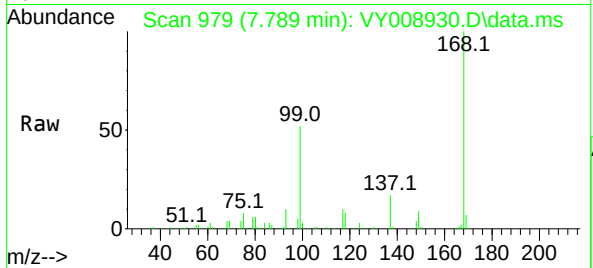




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008930.D
Acq: 21 May 2022 02:25

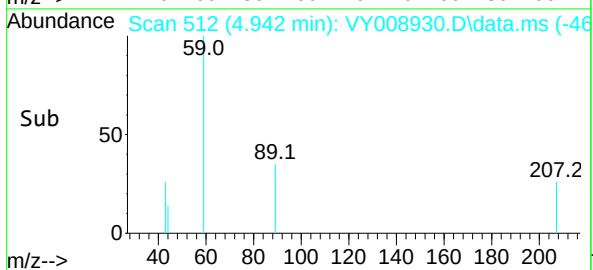
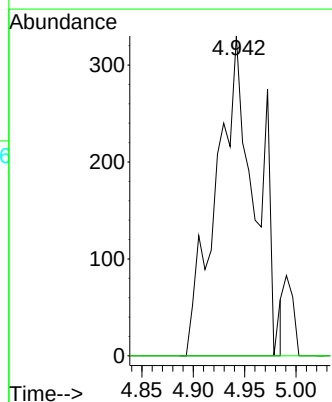
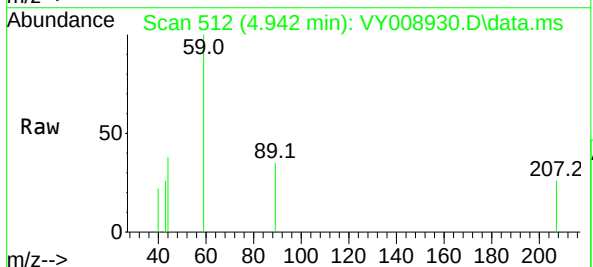
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0612-01

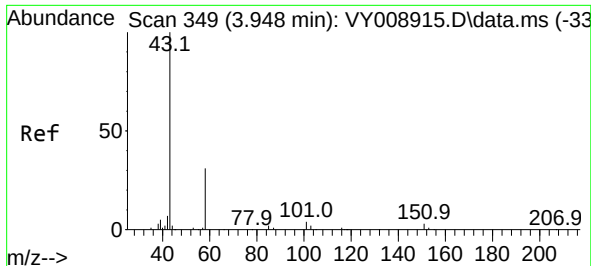
Tgt Ion:168 Resp: 130542
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 6.399 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY008930.D
Acq: 21 May 2022 02:25

Tgt Ion: 59 Resp: 872
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

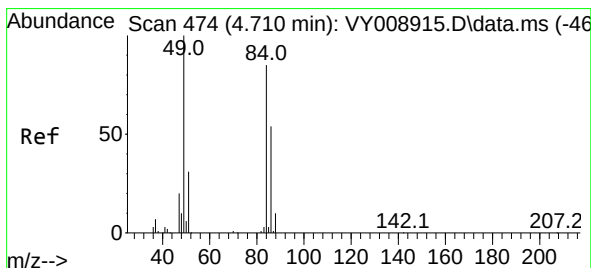
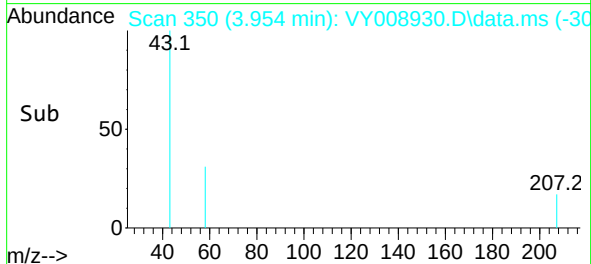
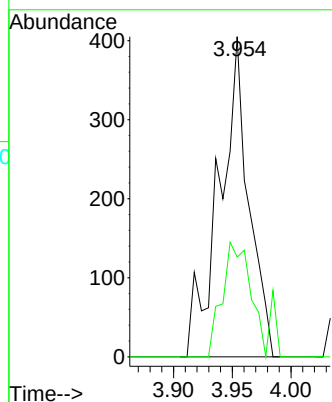
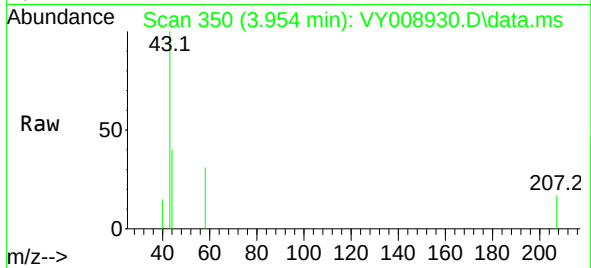




#16
Acetone
Concen: 2.514 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008930.D
Acq: 21 May 2022 02:25

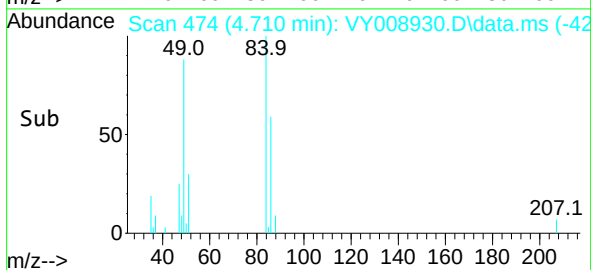
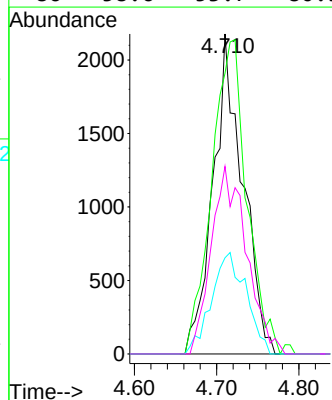
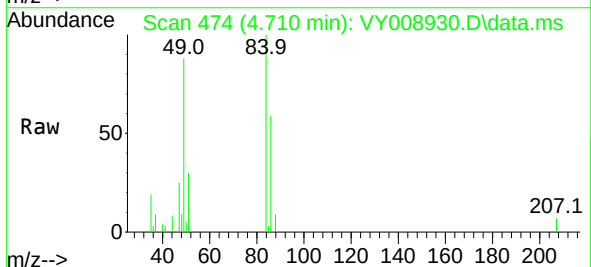
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0612-01

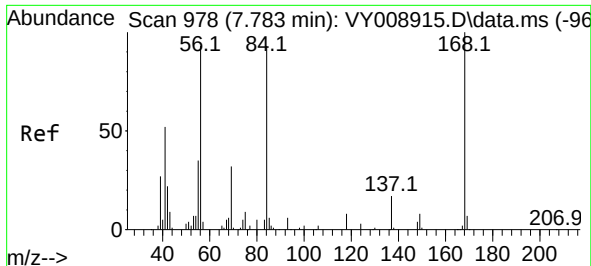
Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
58 31.1 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008930.D
Acq: 21 May 2022 02:25

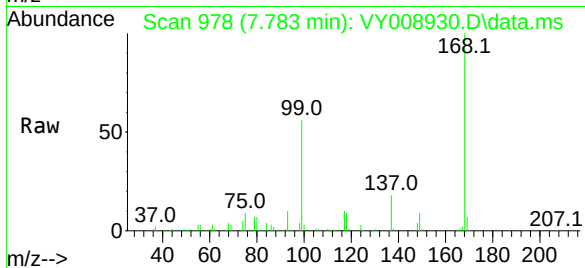
Tgt Ion: 84 Resp: 5460
Ion Ratio Lower Upper
84 100
49 87.7 114.4 171.6#
51 30.0 35.3 52.9#
86 58.6 53.7 80.5



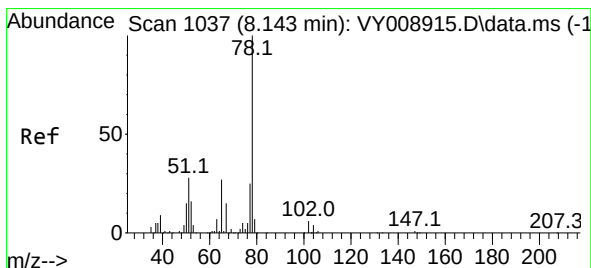
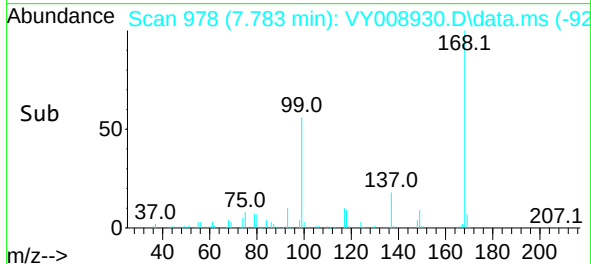
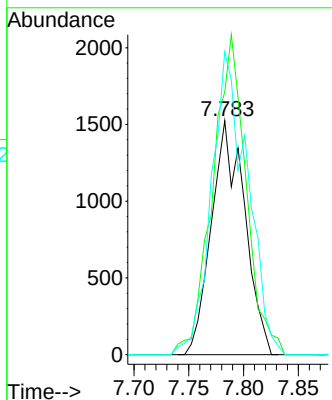


#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008930.D
Acq: 21 May 2022 02:25

Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0612-01

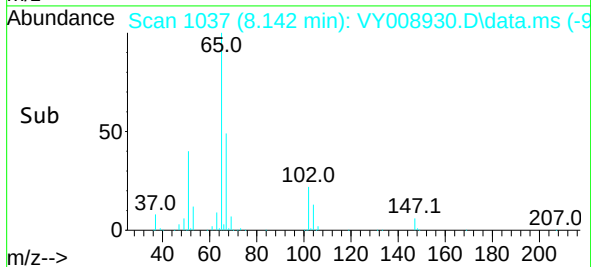
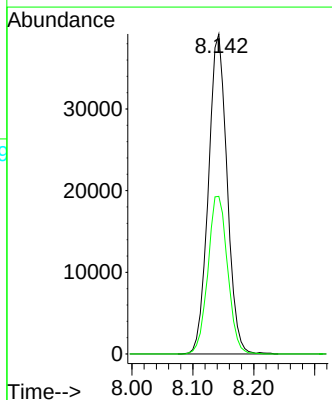
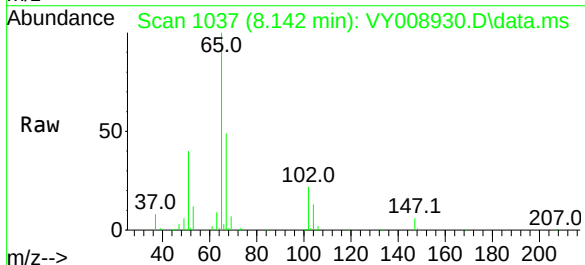


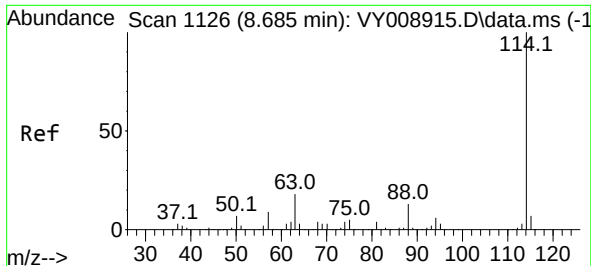
Tgt Ion: 56 Resp: 3213
Ion Ratio Lower Upper
56 100
69 107.9 26.7 40.1#
84 126.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.040 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY008930.D
Acq: 21 May 2022 02:25

Tgt Ion: 65 Resp: 83352
Ion Ratio Lower Upper
65 100
67 52.0 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: VY008930.D

Acq: 21 May 2022 02:25

Instrument :

MSVOA_Y

ClientSampleId :

P041-SS001-0612-01

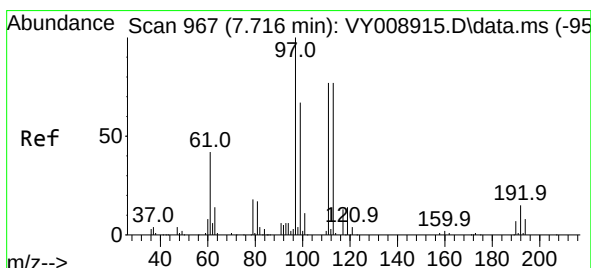
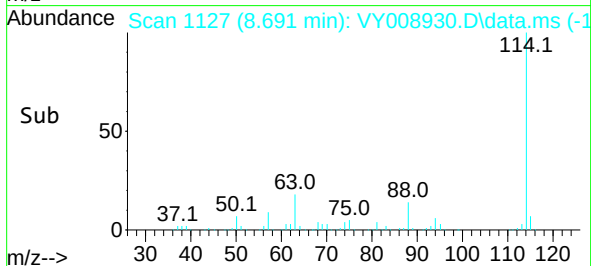
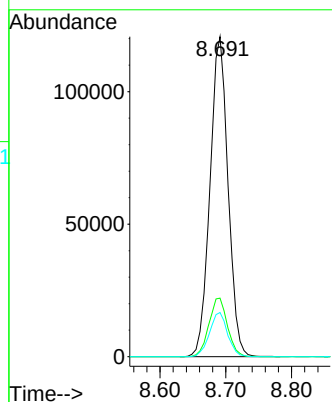
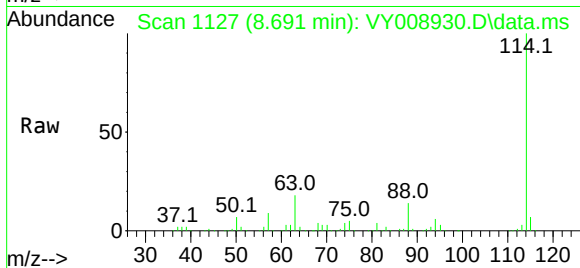
Tgt Ion:114 Resp: 230007

Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.766 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008930.D

Acq: 21 May 2022 02:25

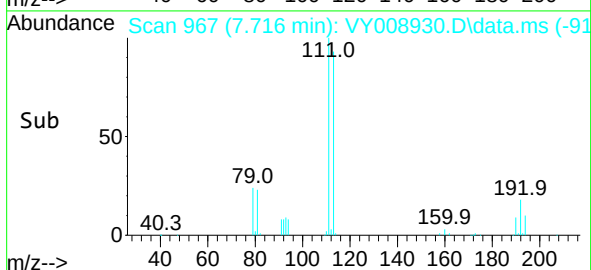
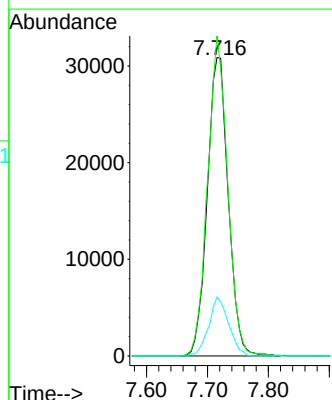
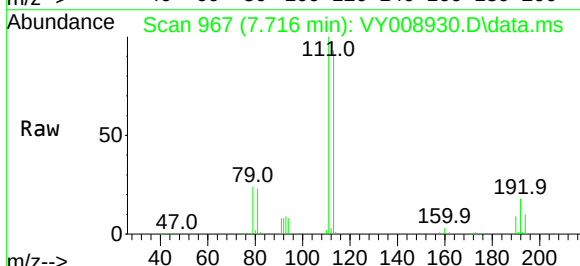
Tgt Ion:113 Resp: 74040

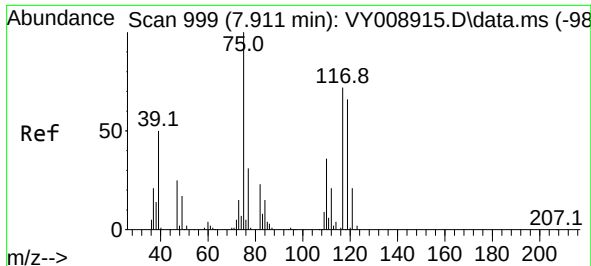
Ion Ratio Lower Upper

113 100

111 102.6 82.6 124.0

192 18.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.574 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008930.D

Acq: 21 May 2022 02:25

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ClientSampleId :

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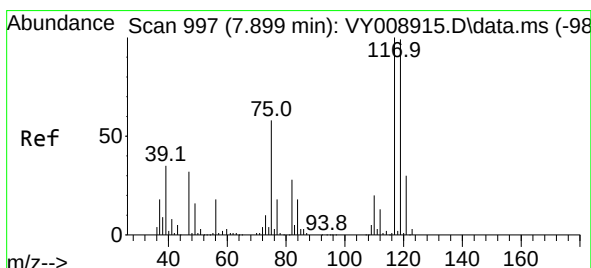
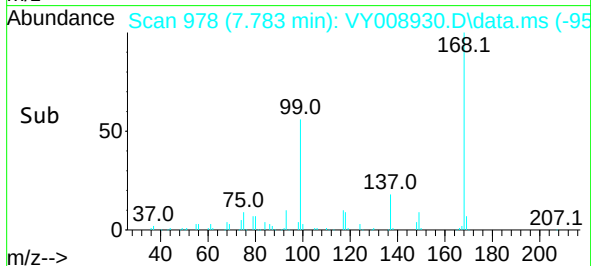
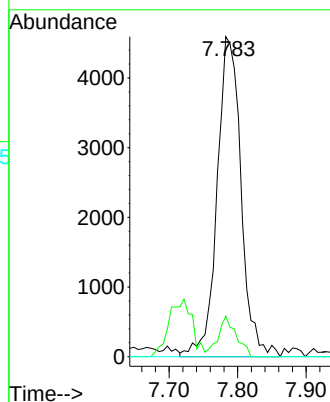
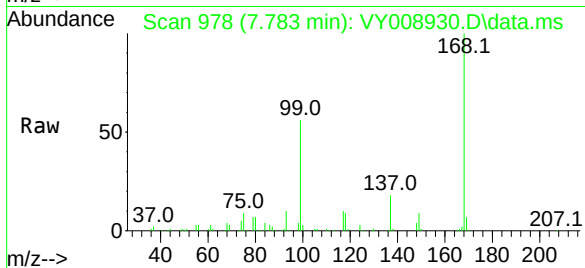
Tgt Ion: 75 Resp: 11133

Ion Ratio Lower Upper

75 100

110 9.5 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.946 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008930.D

Acq: 21 May 2022 02:25

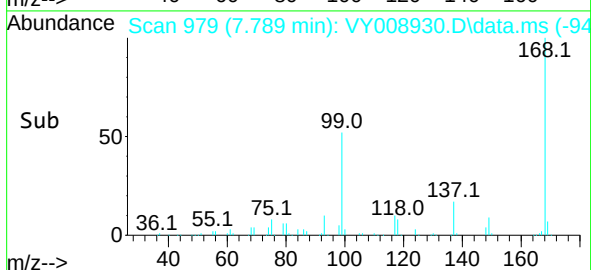
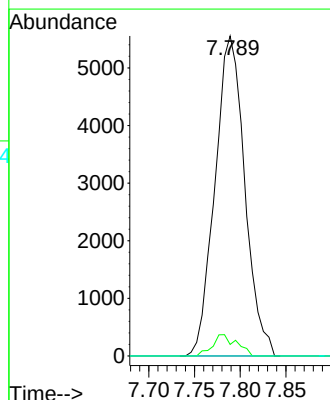
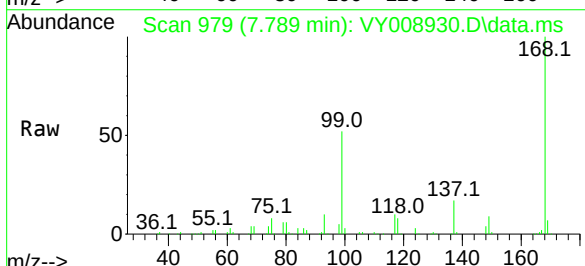
Tgt Ion: 117 Resp: 12595

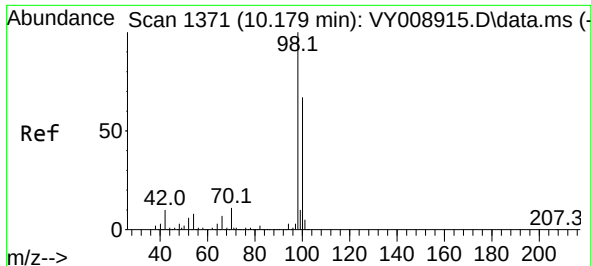
Ion Ratio Lower Upper

117 100

119 3.6 77.9 116.9#

121 0.0 24.8 37.2#

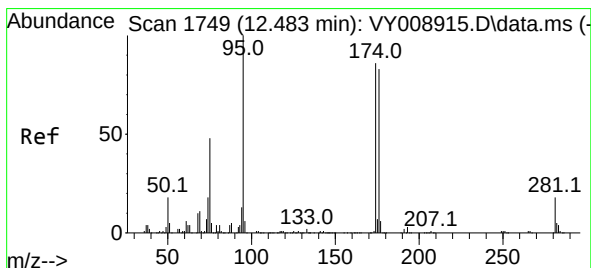
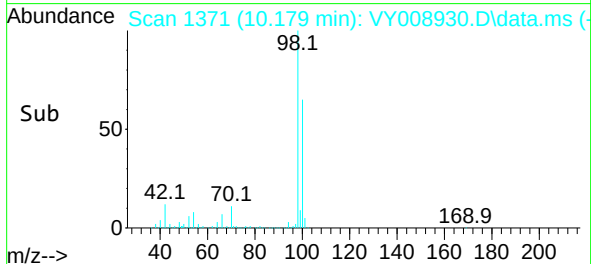
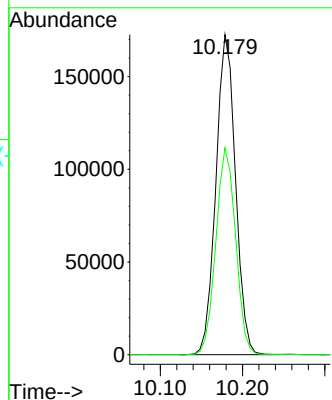
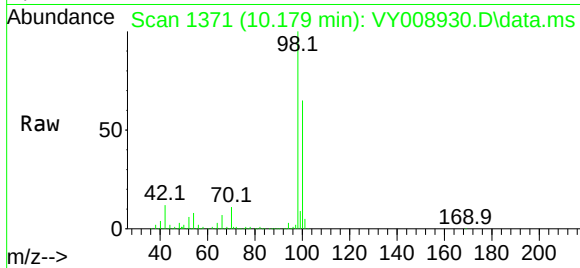




#50
Toluene-d8
Concen: 54.248 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008930.D
Acq: 21 May 2022 02:25

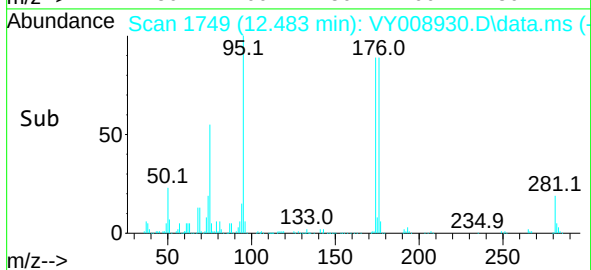
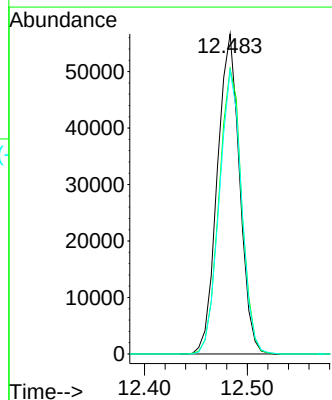
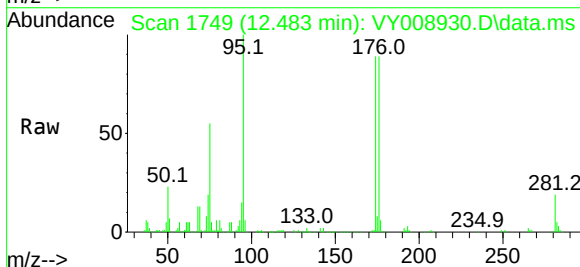
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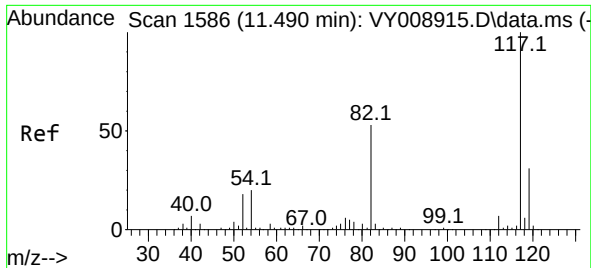
Tgt Ion: 98 Resp: 286241
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.950 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008930.D
Acq: 21 May 2022 02:25

Tgt Ion: 95 Resp: 85034
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 88.3 0.0 175.8

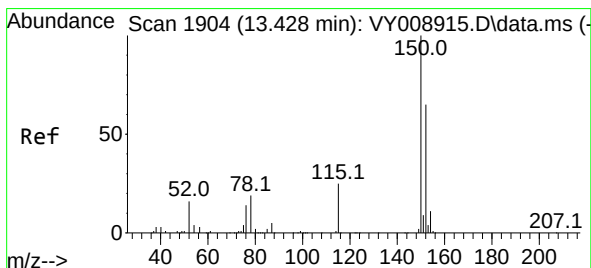
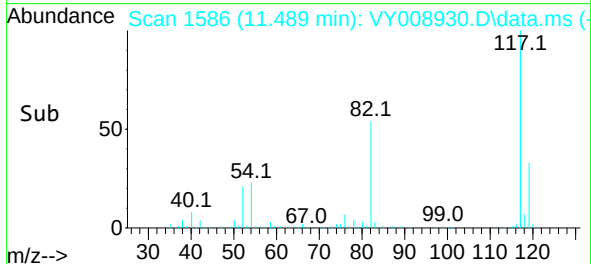
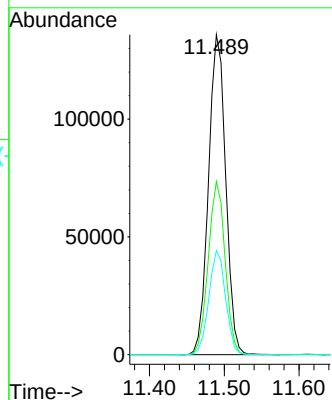
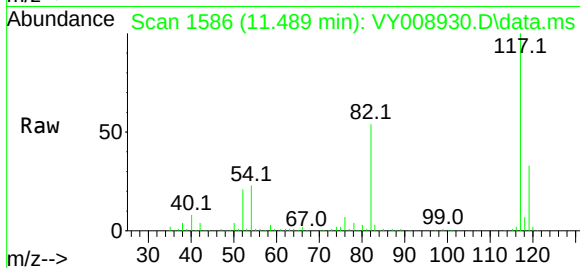




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY008930.D
Acq: 21 May 2022 02:25

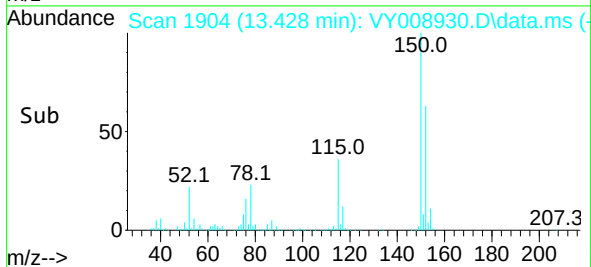
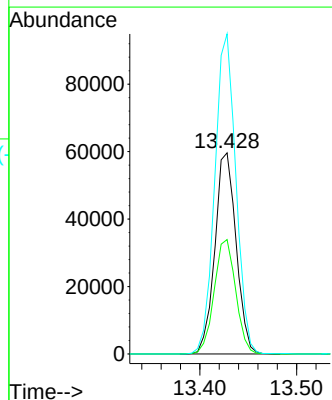
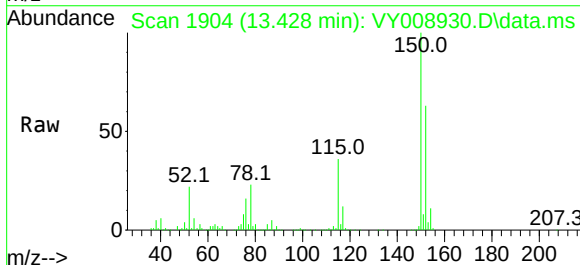
Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0612-01

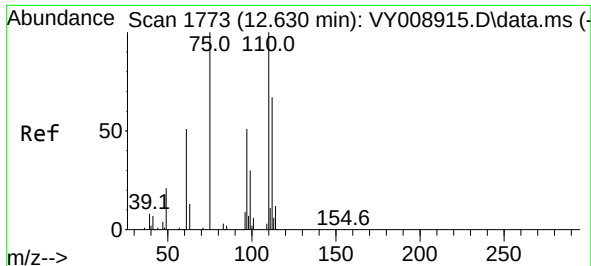
Tgt Ion:117 Resp: 216914
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008930.D
Acq: 21 May 2022 02:25

Tgt Ion:152 Resp: 90973
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 157.9 0.0 347.6

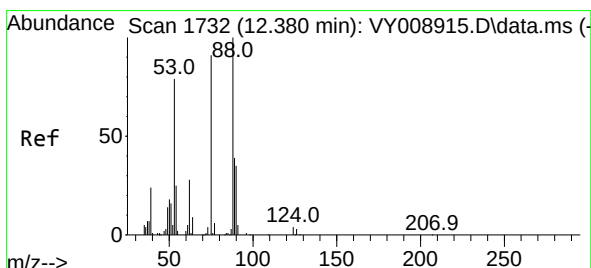
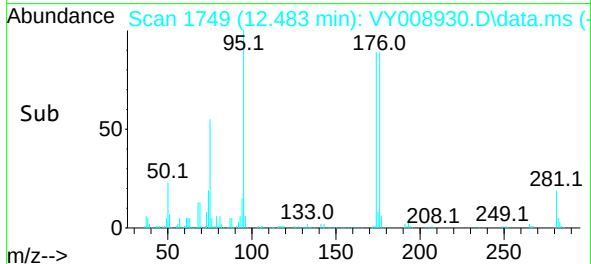
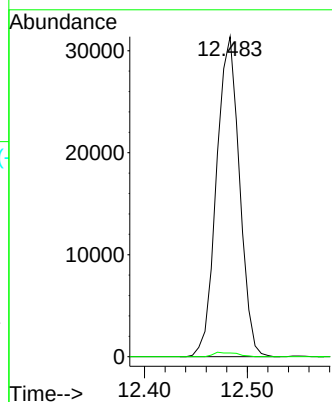
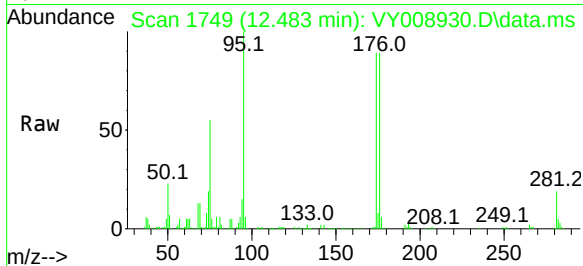




#76
1,2,3-Trichloropropane
Concen: 49.850 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY008930.D
Acq: 21 May 2022 02:25

Instrument :
MSVOA_Y
ClientSampleId :
P041-SS001-0612-01

Tgt Ion: 75 Resp: 48700
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008930.D
Acq: 21 May 2022 02:25

Tgt Ion: 75 Resp: 48700
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.6 37.0 55.4#

