

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008985.D
 Acq On : 22 May 2022 06:35
 Operator : KP/MD
 Sample : N2887-18
 Misc : 5.54g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P040-SS001-0612-01

Quant Time: May 23 02:27:30 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)

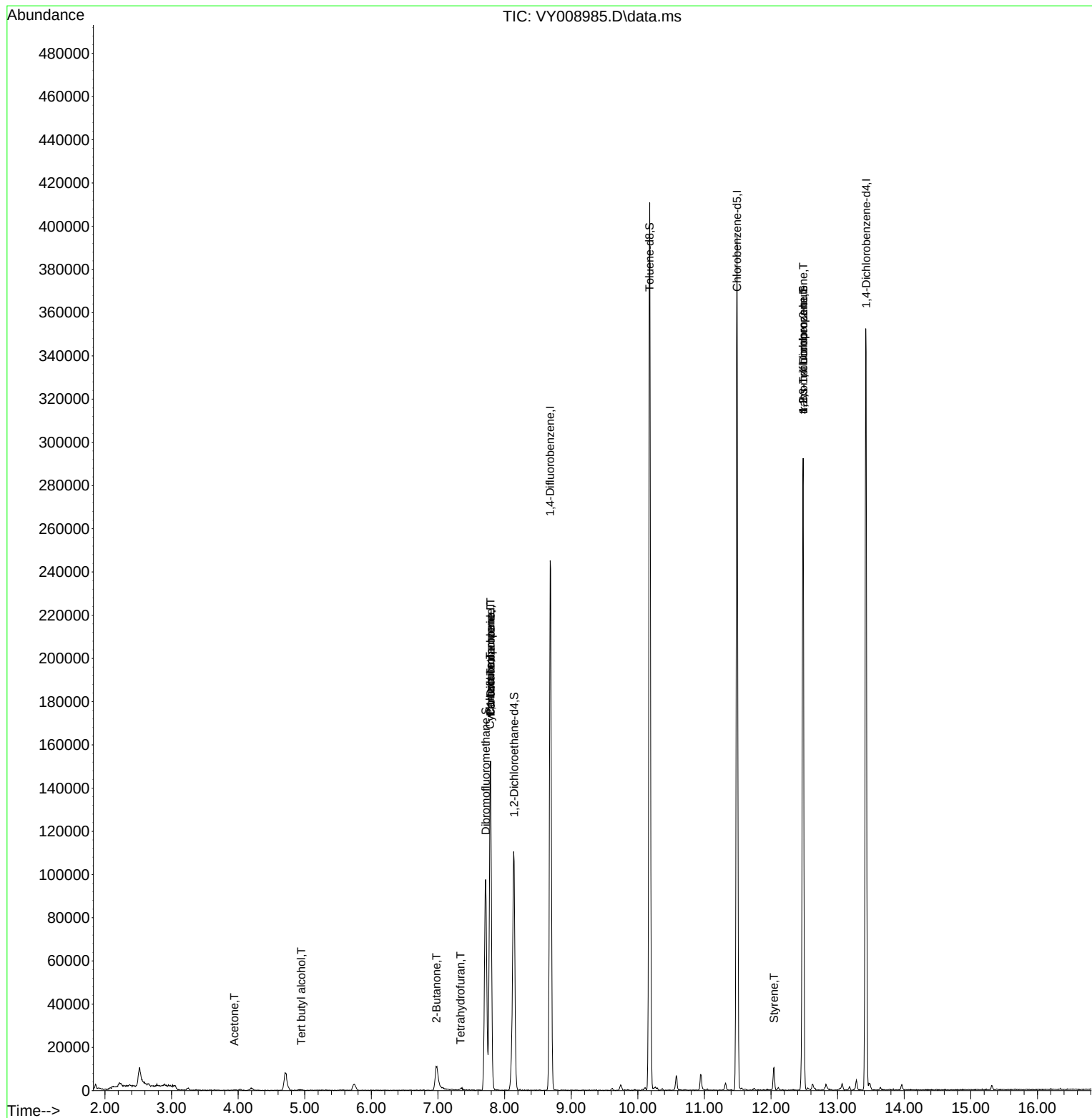
Internal Standards						
1) Pentafluorobenzene	7.789	168	115122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	208852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85420	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77160	65.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.240%	
35) Dibromofluoromethane	7.716	113	67368	51.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.740%	
50) Toluene-d8	10.179	98	261946	54.672	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.340%	
62) 4-Bromofluorobenzene	12.483	95	78246	40.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	252	2.097	ug/l #	77
16) Acetone	3.942	43	399	1.618	ug/l #	47
20) Methylene Chloride	4.710	84	5632	Below Cal	#	91
25) 2-Butanone	6.978	43	596	1.353	ug/l #	68
29) Tetrahydrofuran	7.338	42	677	2.263	ug/l #	61
31) Cyclohexane	7.783	56	2818	1.216	ug/l #	24
36) 1,1-Dichloropropene	7.789	75	9805	4.436	ug/l #	50
38) Carbon Tetrachloride	7.789	117	10954	4.738	ug/l #	15
70) Styrene	12.044	104	5389	1.009	ug/l #	82
76) 1,2,3-Trichloropropane	12.483	75	44448	48.455	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44448	99.454	ug/l #	7

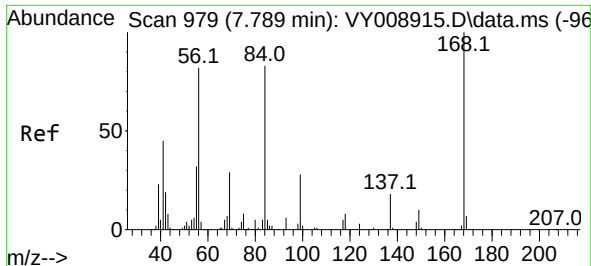
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

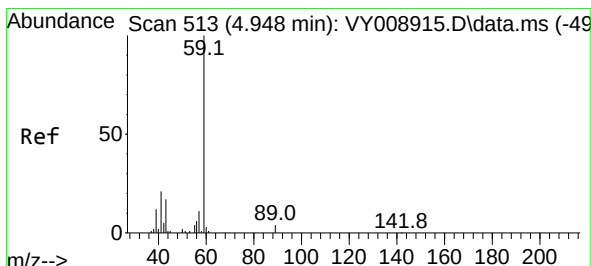
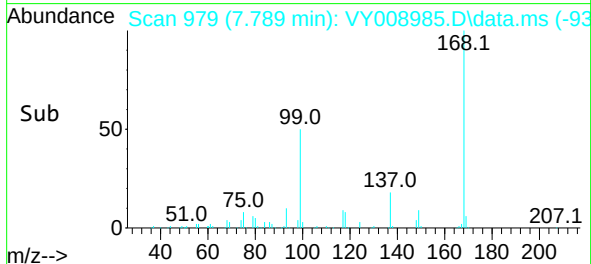
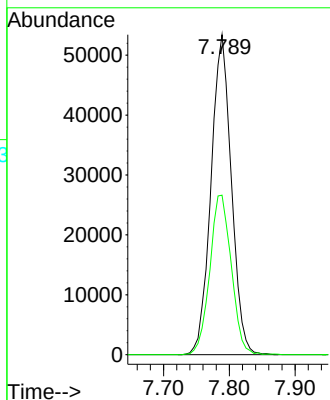
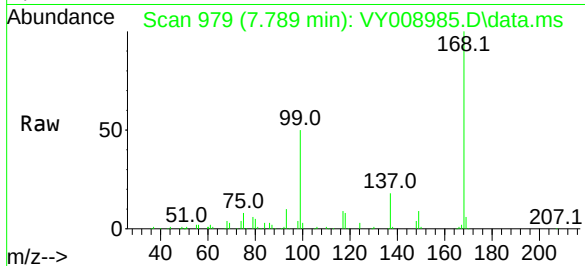




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

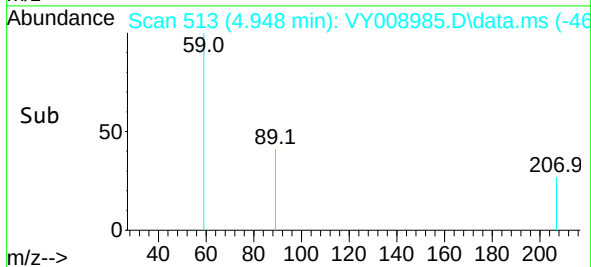
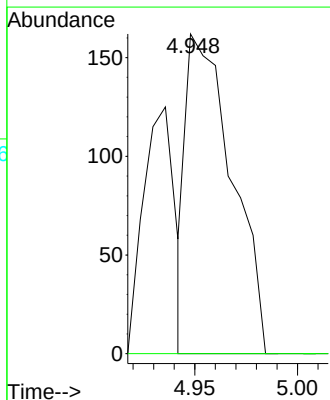
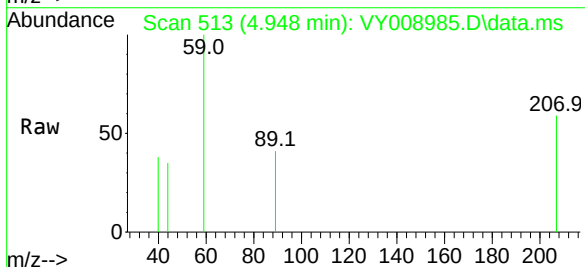
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-0612-01

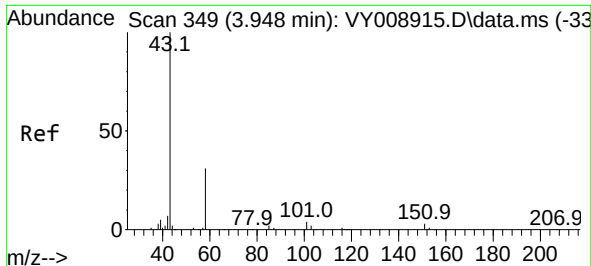
Tgt Ion:168 Resp: 115122
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.097 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

Tgt Ion: 59 Resp: 252
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

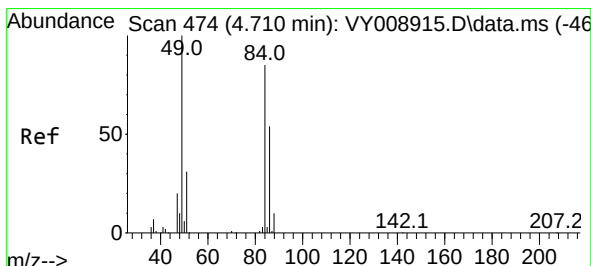
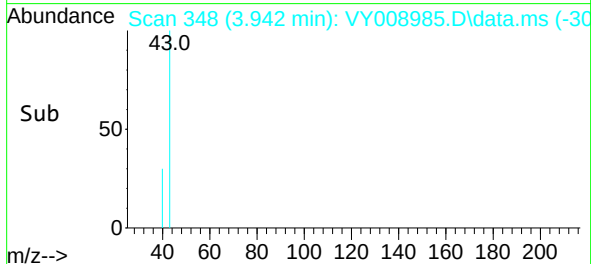
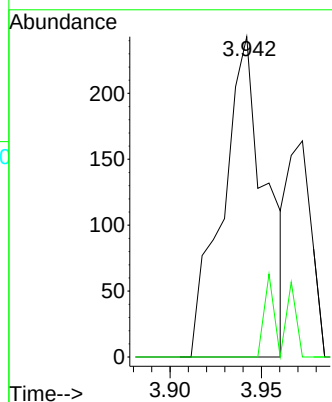
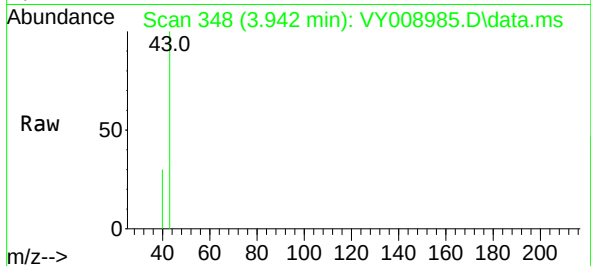




#16
Acetone
Concen: 1.618 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

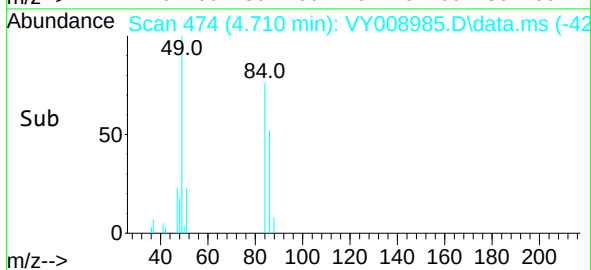
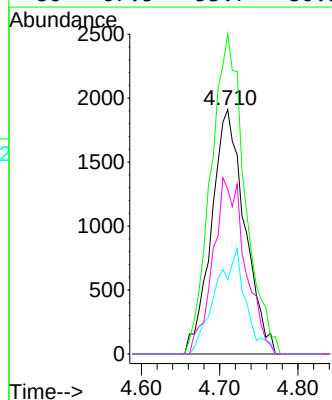
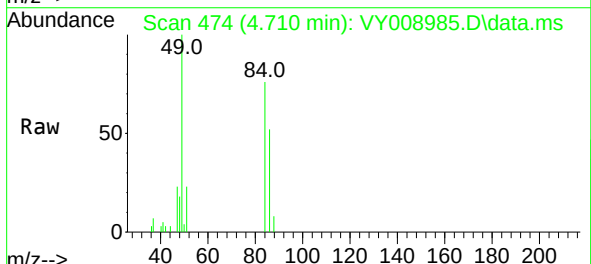
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-0612-01

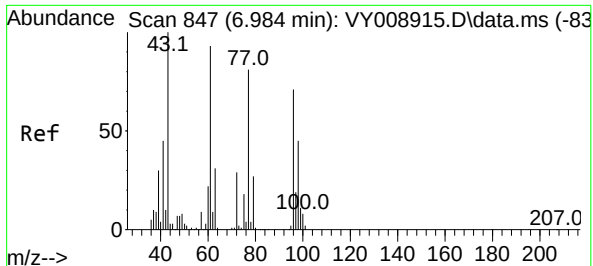
Tgt Ion: 43 Resp: 399
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

Tgt Ion: 84 Resp: 5632
Ion Ratio Lower Upper
84 100
49 131.0 114.4 171.6
51 30.4 35.3 52.9#
86 67.5 53.7 80.5





#25

2-Butanone

Concen: 1.353 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY008985.D

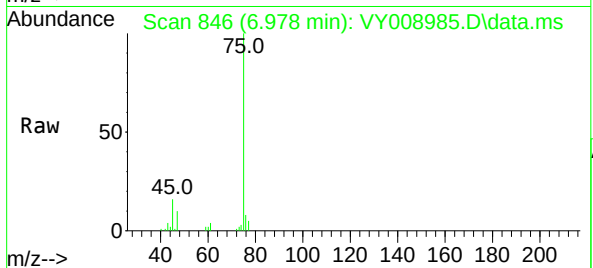
Acq: 22 May 2022 06:35

Instrument :

MSVOA_Y

ClientSampleId :

P040-SS001-0612-01

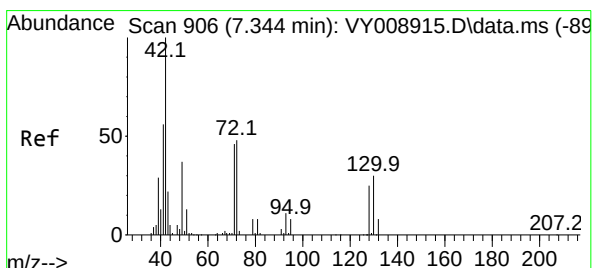
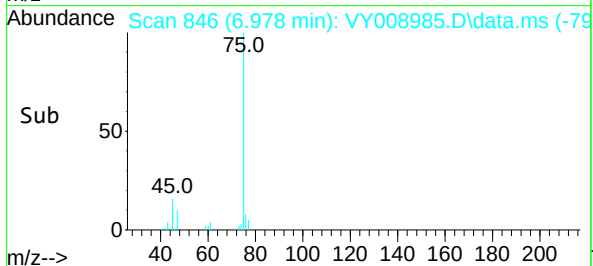
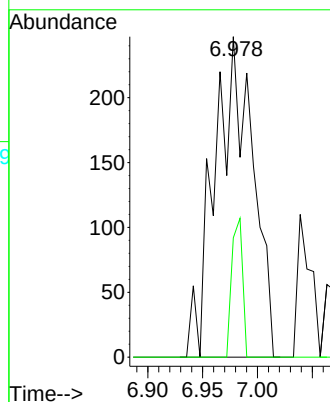


Tgt Ion: 43 Resp: 596

Ion Ratio Lower Upper

43 100

72 37.2 17.7 26.5#



#29

Tetrahydrofuran

Concen: 2.263 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY008985.D

Acq: 22 May 2022 06:35

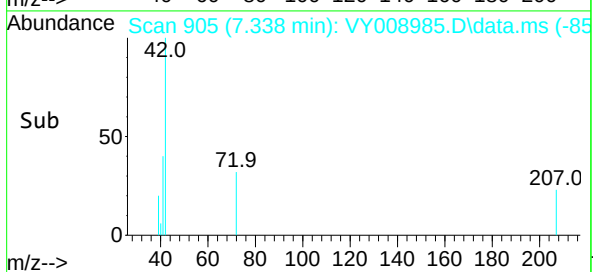
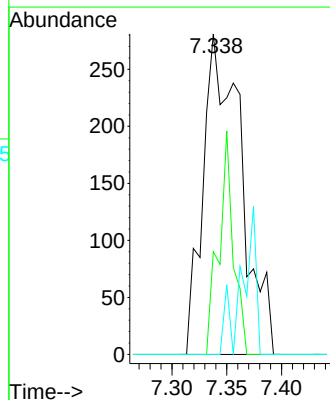
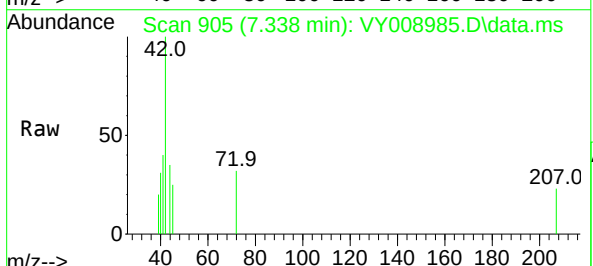
Tgt Ion: 42 Resp: 677

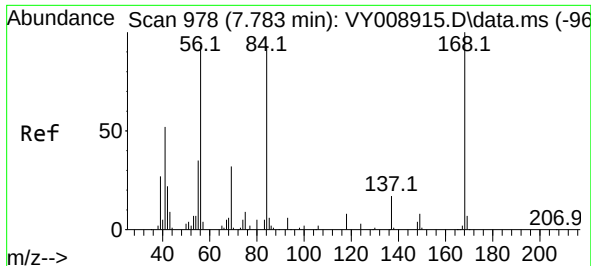
Ion Ratio Lower Upper

42 100

72 27.0 30.3 45.5#

71 0.0 29.0 43.4#

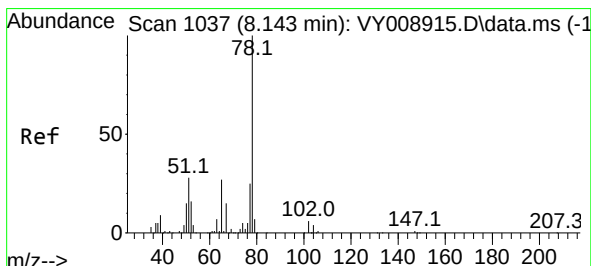
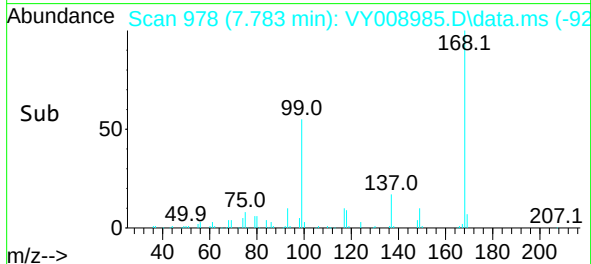
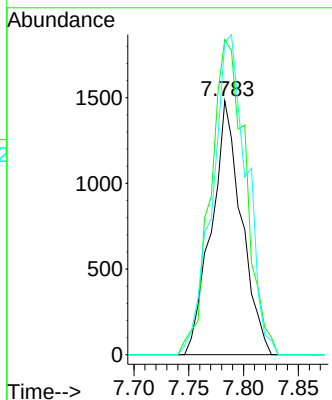
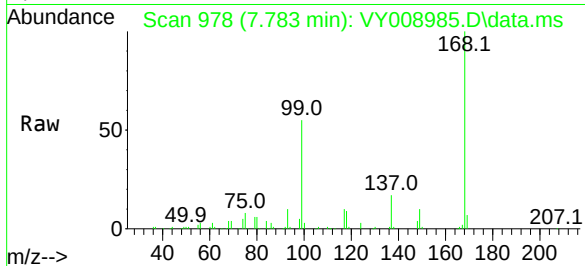




#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

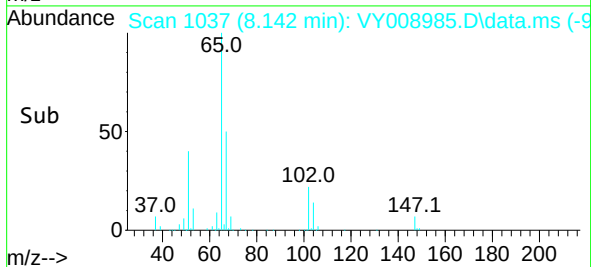
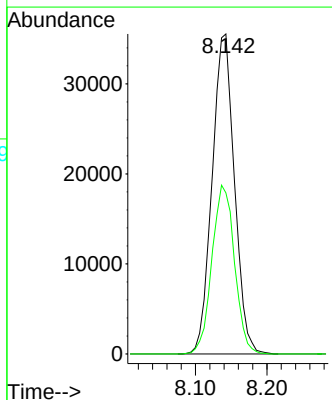
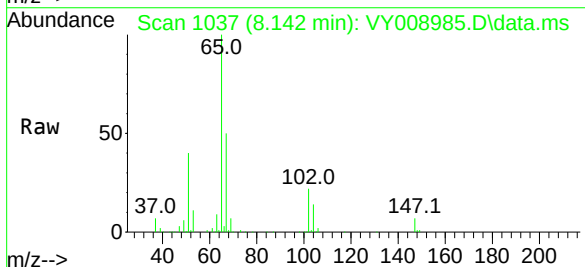
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-0612-01

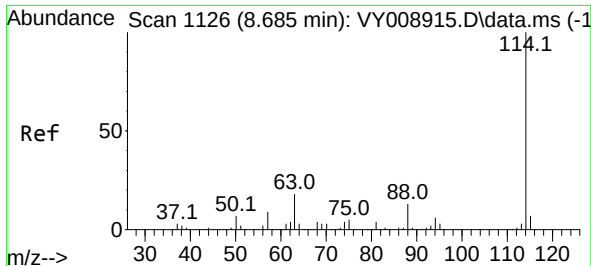
Tgt Ion: 56 Resp: 2818
Ion Ratio Lower Upper
56 100
69 124.1 26.7 40.1#
84 123.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.124 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

Tgt Ion: 65 Resp: 77160
Ion Ratio Lower Upper
65 100
67 53.3 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: VY008985.D

Acq: 22 May 2022 06:35

Instrument :

MSVOA_Y

ClientSampleId :

P040-SS001-0612-01

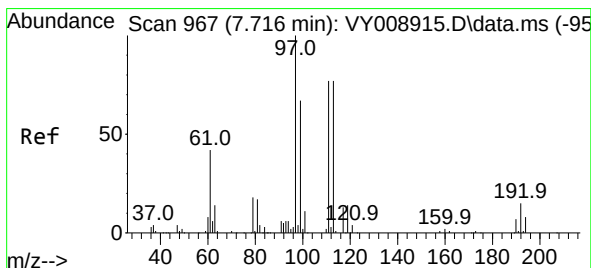
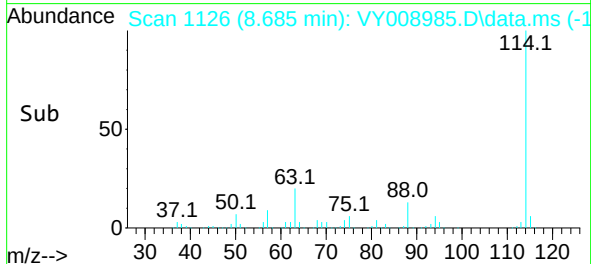
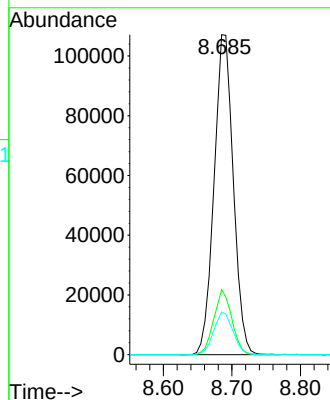
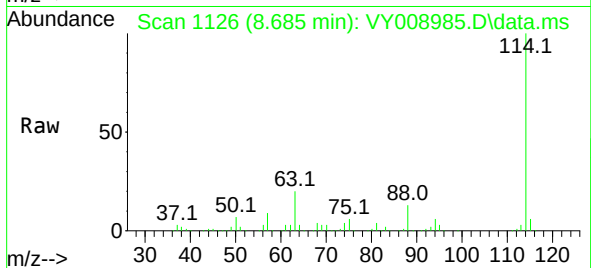
Tgt Ion:114 Resp: 208852

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.872 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008985.D

Acq: 22 May 2022 06:35

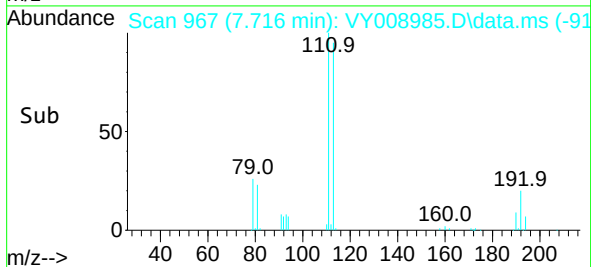
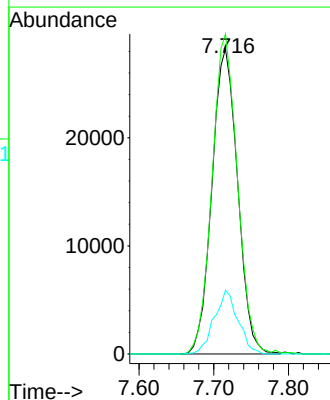
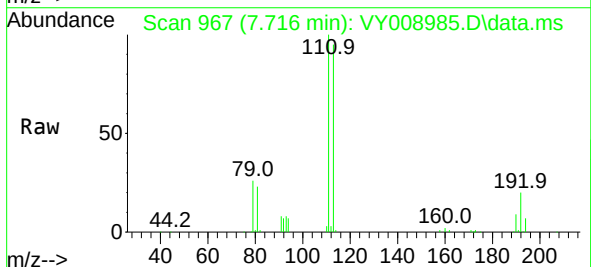
Tgt Ion:113 Resp: 67368

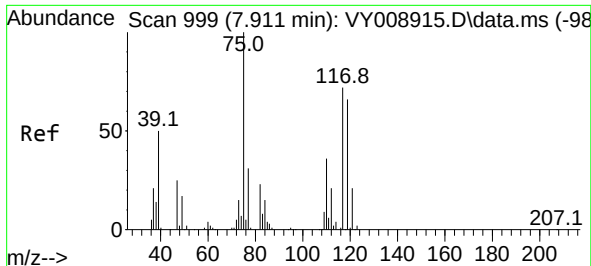
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 19.3 17.6 26.4

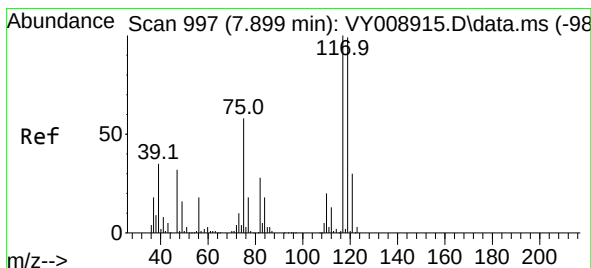
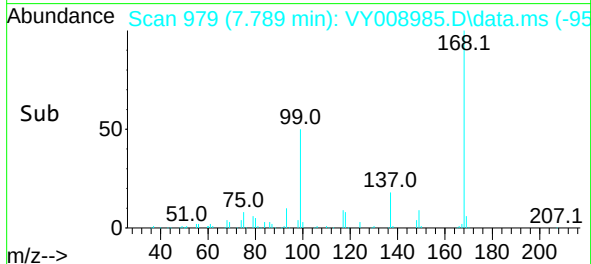
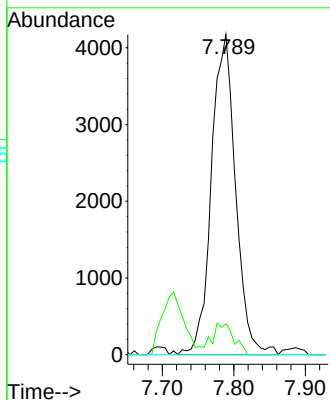
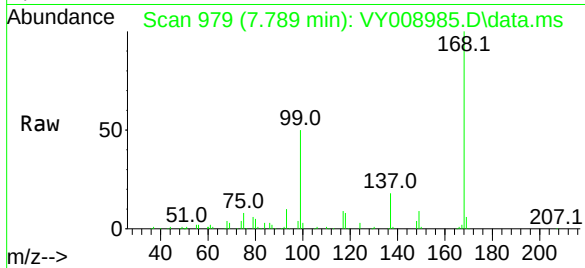




#36
1,1-Dichloropropene
Concen: 4.436 ug/l
RT: 7.789 min Scan# 919
Delta R.T. -0.122 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

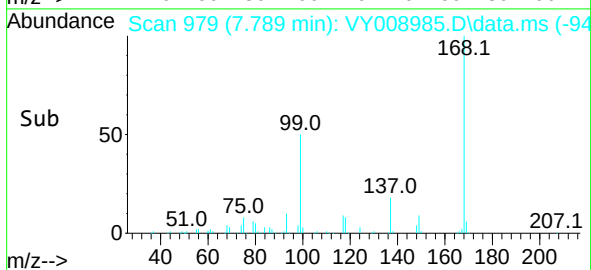
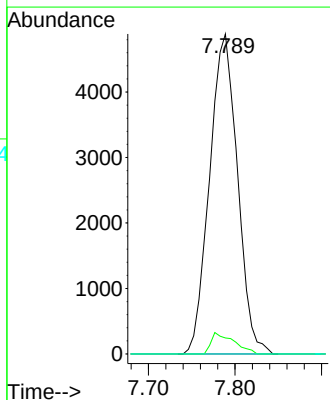
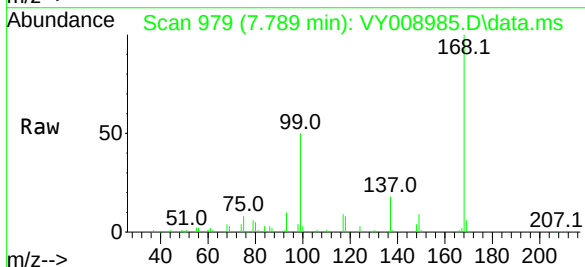
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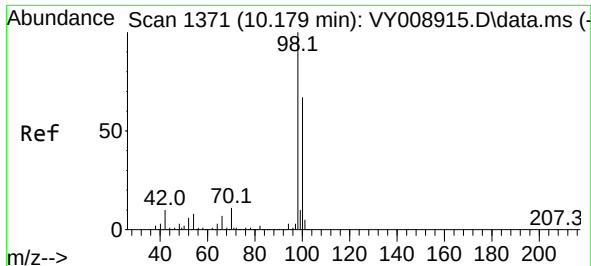
Tgt Ion: 75 Resp: 9805
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.738 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

Tgt Ion: 117 Resp: 10954
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

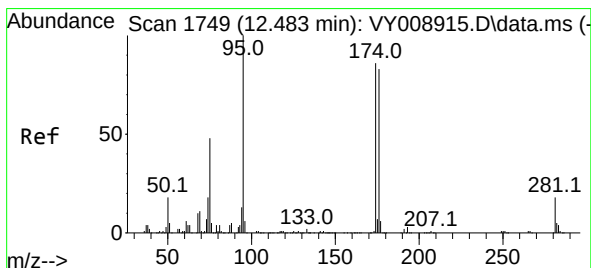
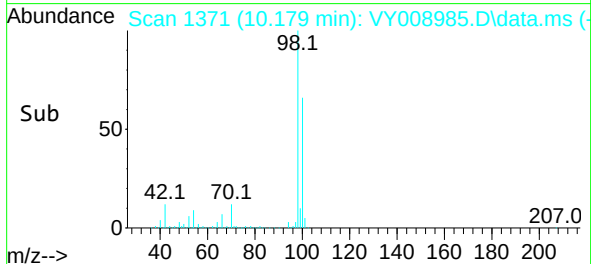
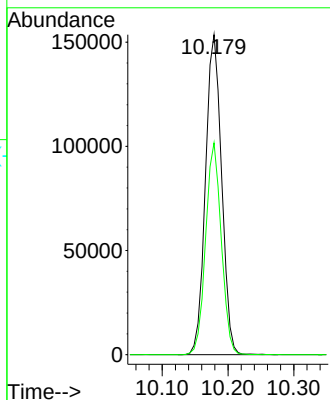
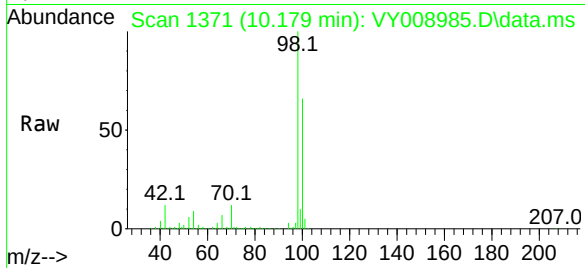




#50
Toluene-d8
Concen: 54.672 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

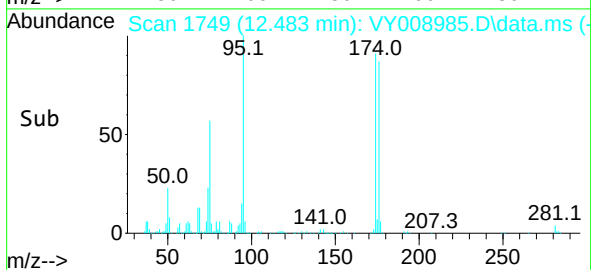
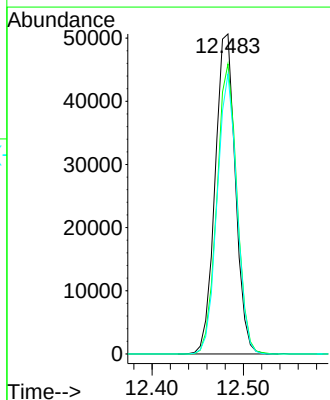
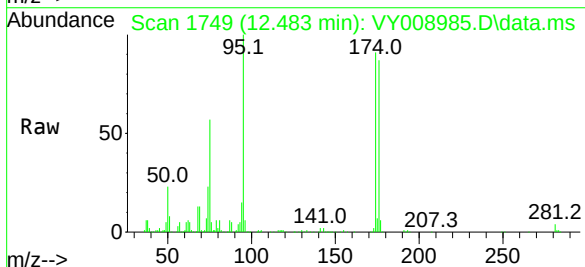
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P040-SS001-0612-01

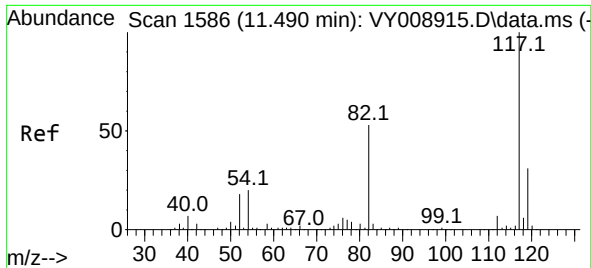
Tgt Ion: 98 Resp: 261946
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.485 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

Tgt Ion: 95 Resp: 78246
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 85.0 0.0 175.8

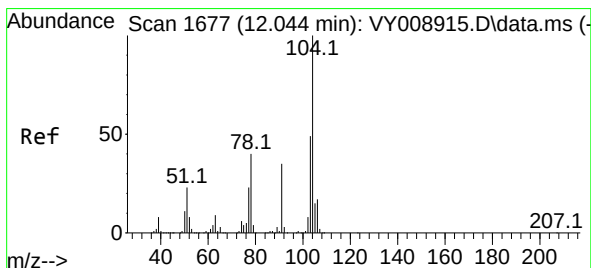
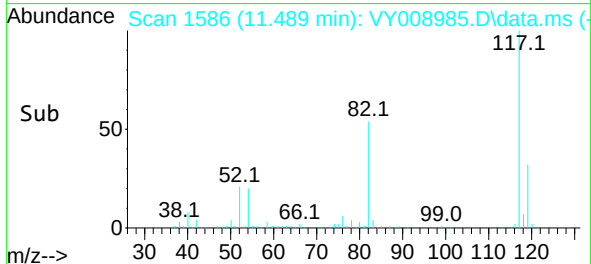
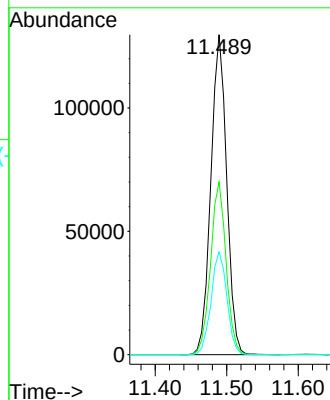
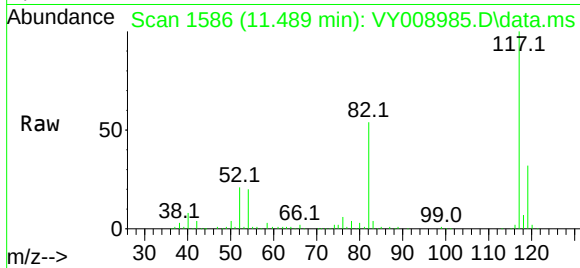




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

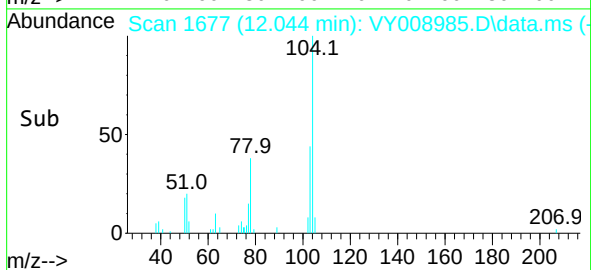
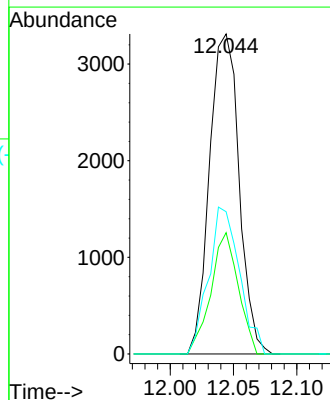
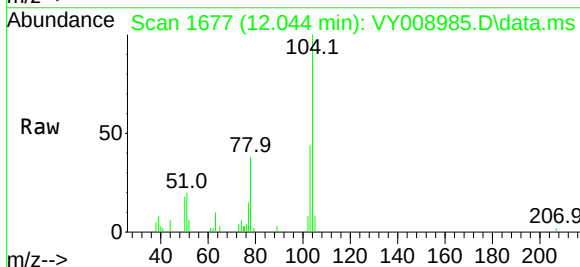
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-0612-01

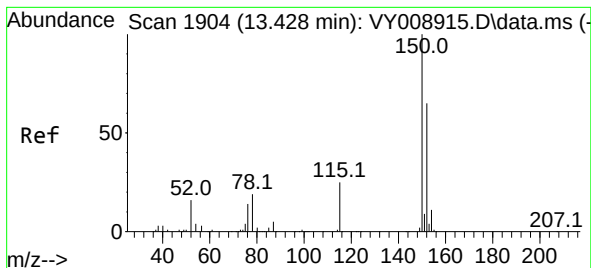
Tgt Ion:117 Resp: 199117
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.1 25.4 38.0



#70
Styrene
Concen: 1.009 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008985.D
Acq: 22 May 2022 06:35

Tgt Ion:104 Resp: 5389
Ion Ratio Lower Upper
104 100
78 35.1 42.4 63.6#
103 47.9 44.4 66.6

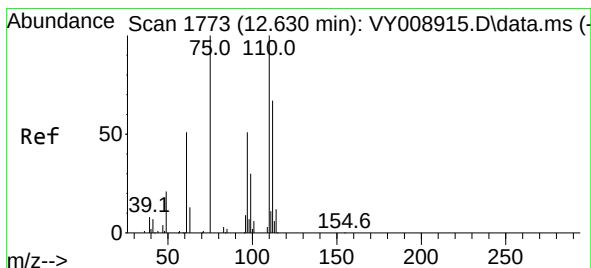
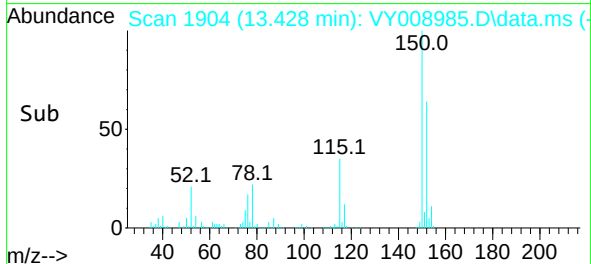
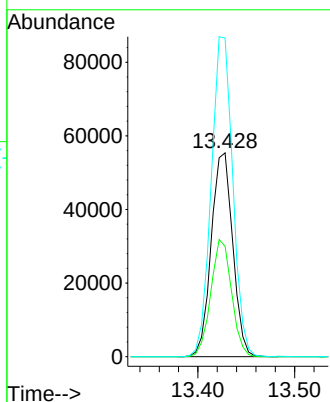
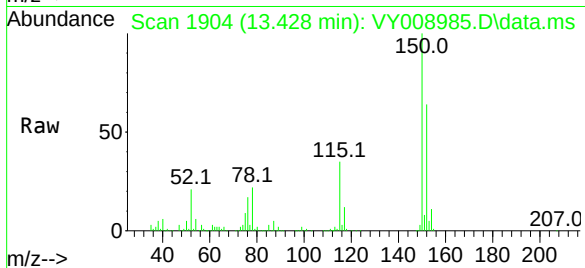




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008985.D
 Acq: 22 May 2022 06:35

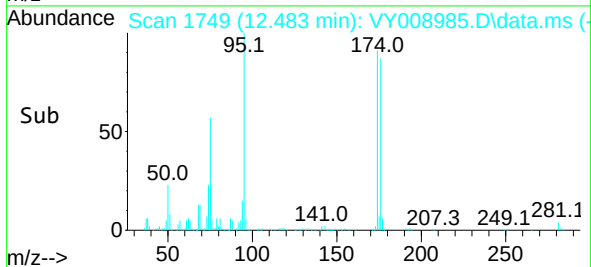
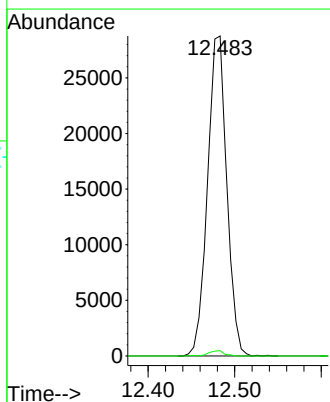
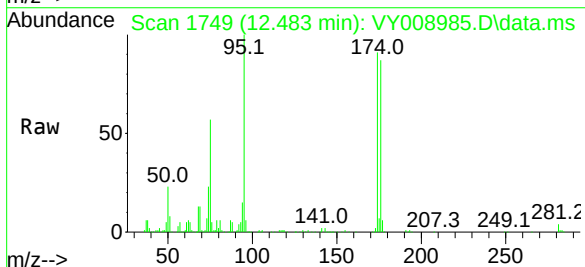
Instrument :
 MSVOA_Y
 ClientSampleId :
 P040-SS001-0612-01

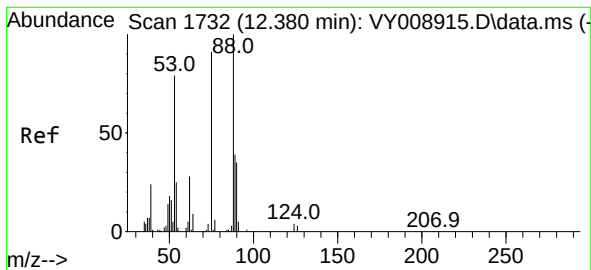
Tgt Ion:152 Resp: 85420
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.455 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY008985.D
 Acq: 22 May 2022 06:35

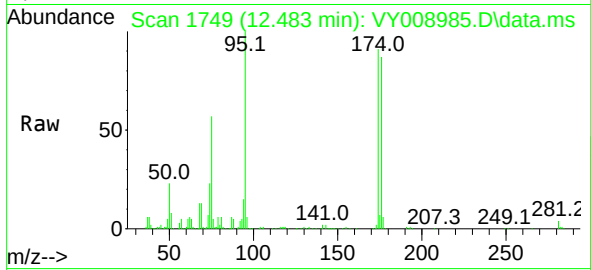
Tgt Ion: 75 Resp: 44448
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.454 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008985.D
 Acq: 22 May 2022 06:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 P040-SS001-0612-01



Tgt Ion: 75 Resp: 44448
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

