

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008984.D
 Acq On : 22 May 2022 06:11
 Operator : KP/MD
 Sample : N2887-17
 Misc : 4.19g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P040-SS001-0006-01

Quant Time: May 23 02:27:18 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)

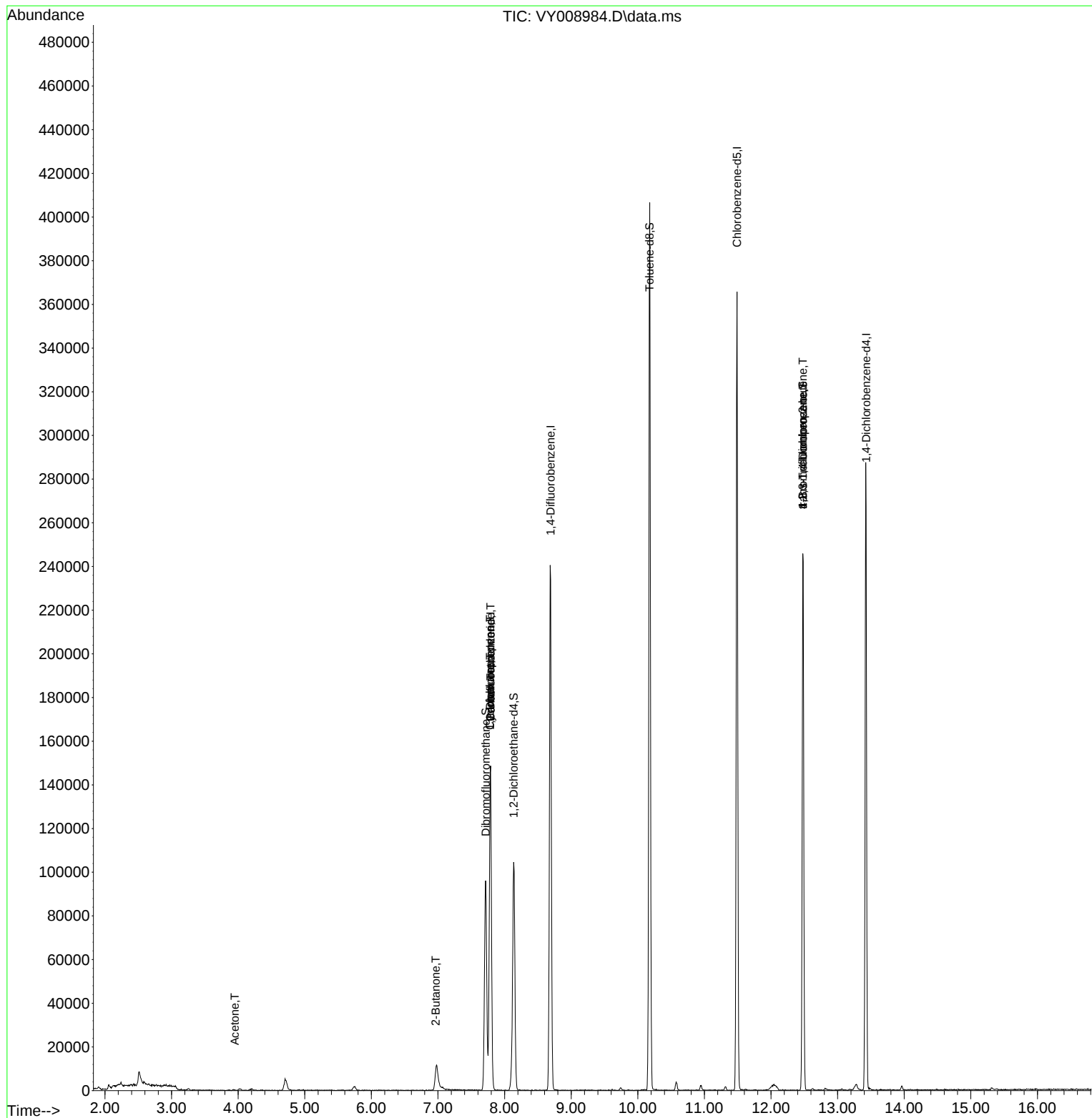
Internal Standards						
1) Pentafluorobenzene	7.789	168	112212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	183092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75418	65.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.600%
35) Dibromofluoromethane	7.716	113	65244	51.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.860%
50) Toluene-d8	10.179	98	254466	54.899	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.800%
62) 4-Bromofluorobenzene	12.477	95	67393	36.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.080%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	444	1.847	ug/l	98
20) Methylene Chloride	4.704	84	3635	Below Cal	#	68
25) 2-Butanone	6.966	43	747	1.740	ug/l	97
31) Cyclohexane	7.783	56	2823	1.250	ug/l #	22
36) 1,1-Dichloropropene	7.783	75	9521	4.453	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11114	4.969	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	38774	52.269	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38774	107.282	ug/l #	7

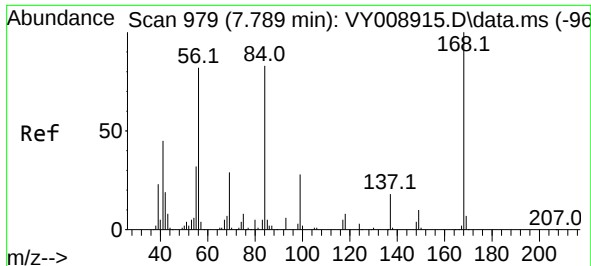
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

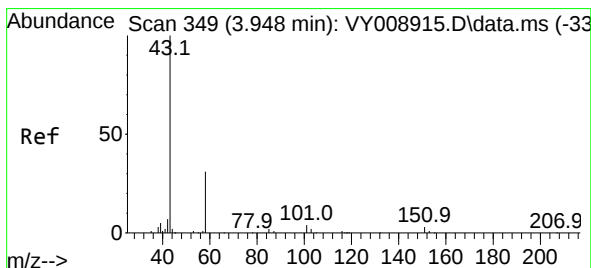
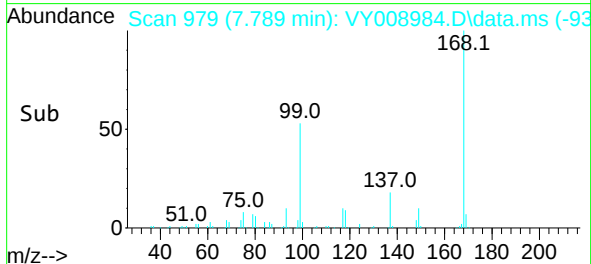
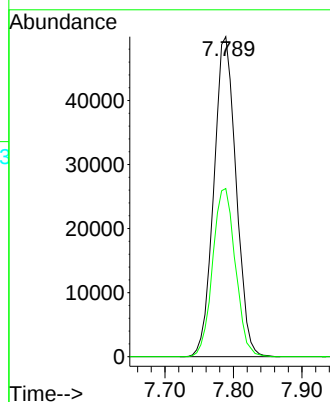
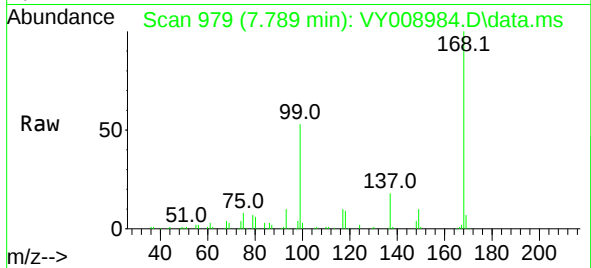




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

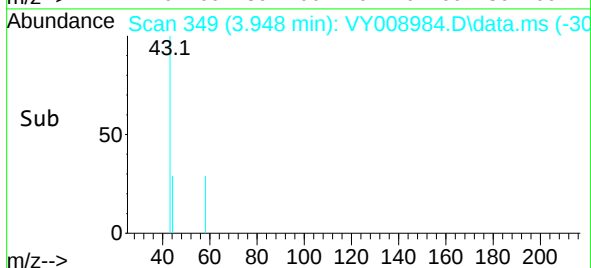
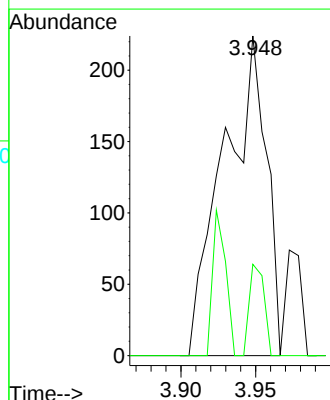
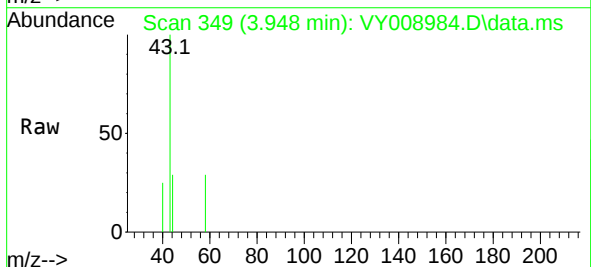
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-0006-01

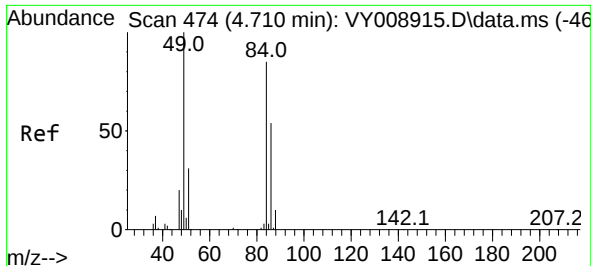
Tgt Ion:168 Resp: 112212
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#16
Acetone
Concen: 1.847 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

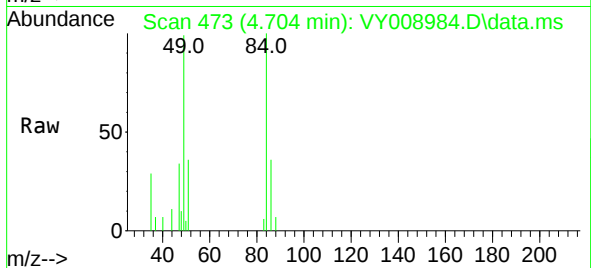
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
58 28.6 22.0 33.0



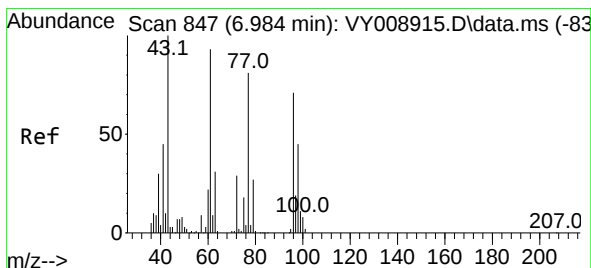
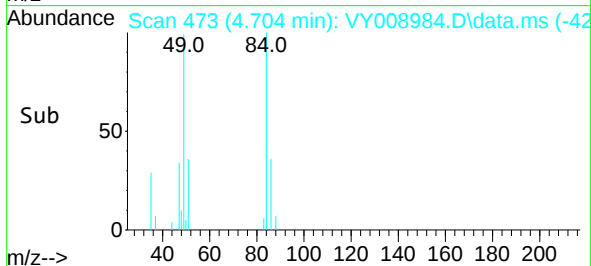
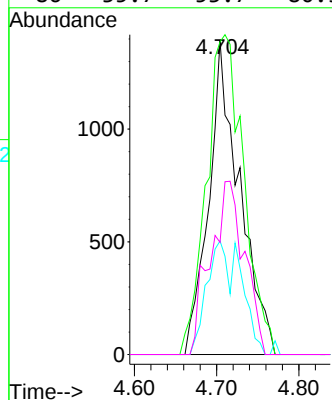


#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-0006-01

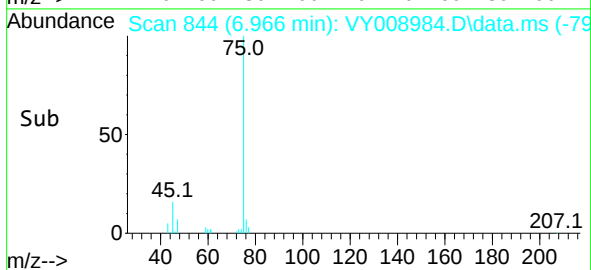
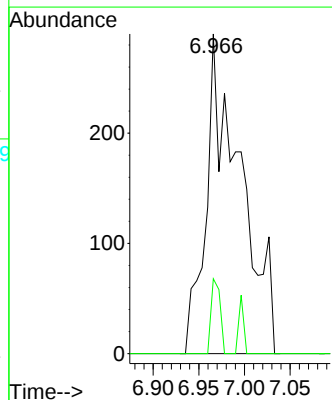
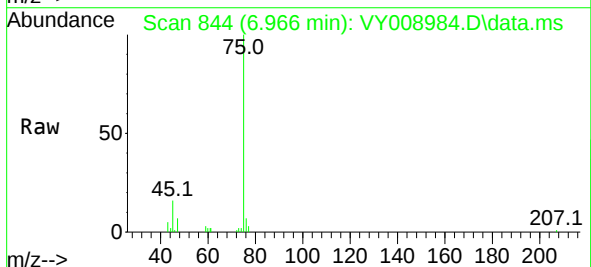


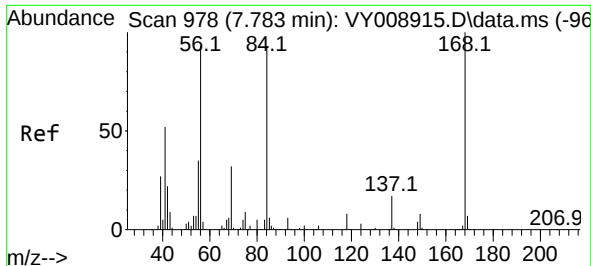
Tgt Ion: 84 Resp: 3635
Ion Ratio Lower Upper
84 100
49 99.4 114.4 171.6#
51 36.1 35.3 52.9
86 35.7 53.7 80.5#



#25
2-Butanone
Concen: 1.740 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.018 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

Tgt Ion: 43 Resp: 747
Ion Ratio Lower Upper
43 100
72 23.4 17.7 26.5

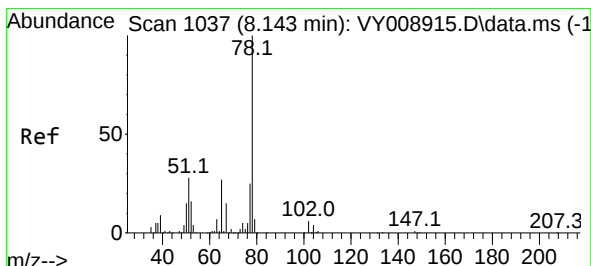
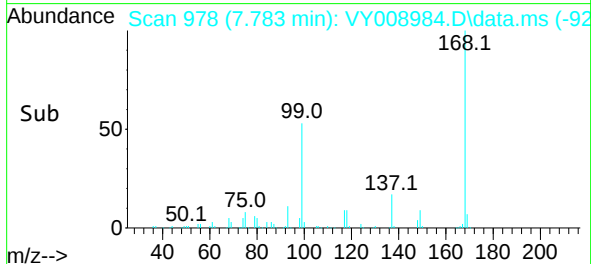
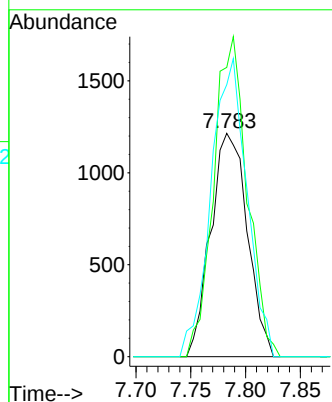
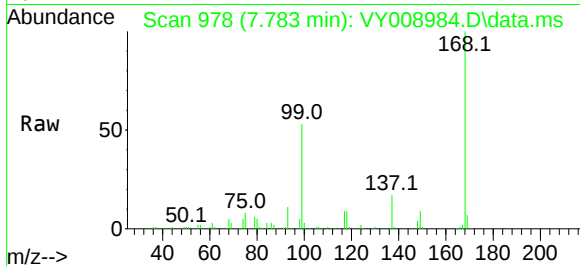




#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

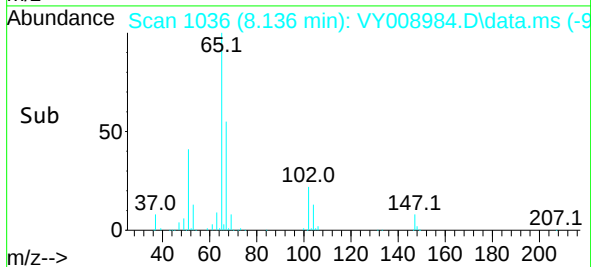
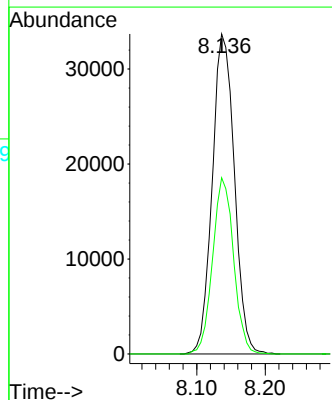
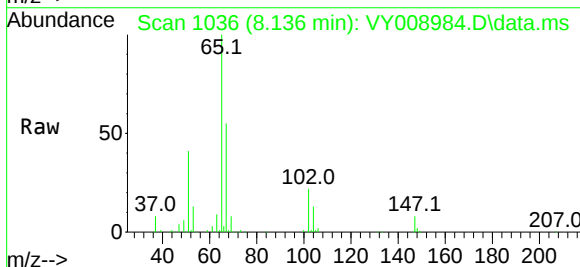
Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-0006-01

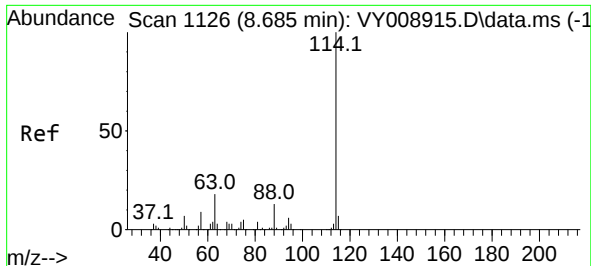
Tgt Ion: 56 Resp: 2823
Ion Ratio Lower Upper
56 100
69 129.5 26.7 40.1#
84 121.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.304 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

Tgt Ion: 65 Resp: 75418
Ion Ratio Lower Upper
65 100
67 52.3 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: VY008984.D

Acq: 22 May 2022 06:11

Instrument :

MSVOA_Y

ClientSampleId :

P040-SS001-0006-01

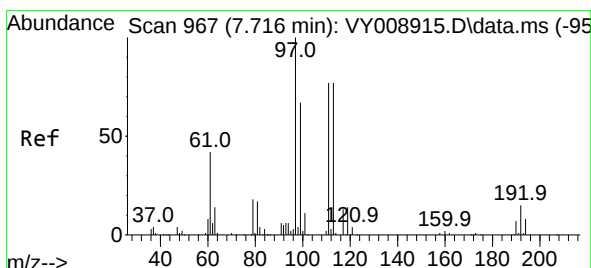
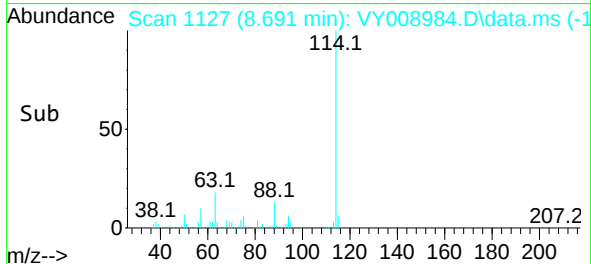
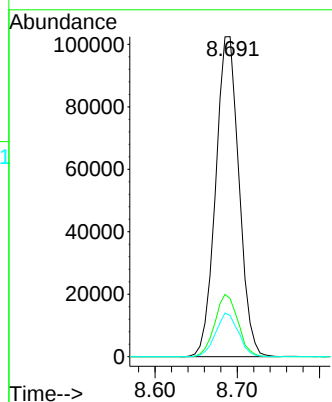
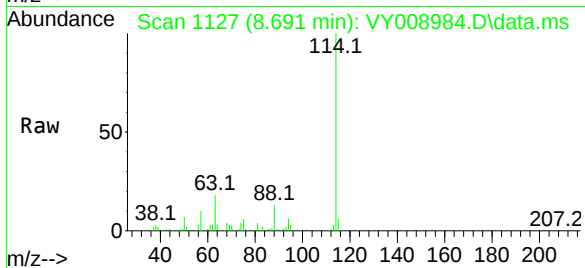
Tgt Ion:114 Resp: 202051

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 12.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.928 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008984.D

Acq: 22 May 2022 06:11

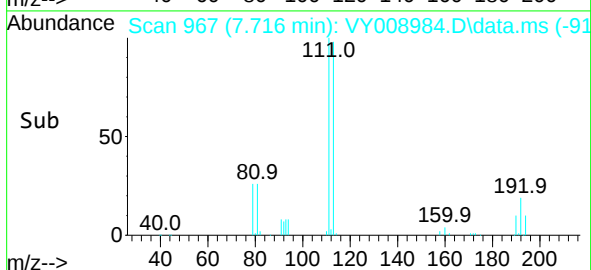
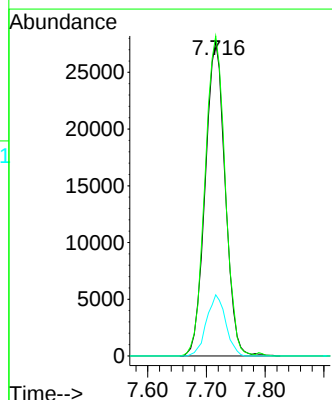
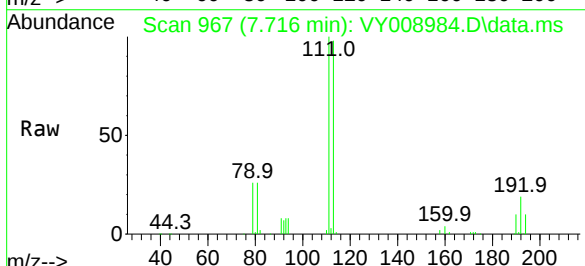
Tgt Ion:113 Resp: 65244

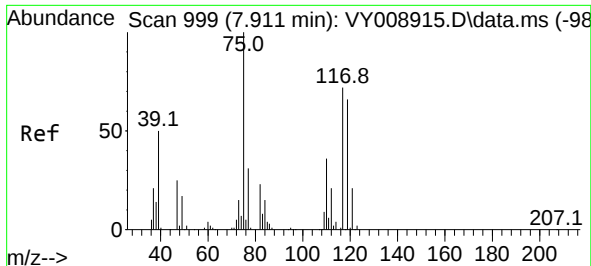
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.7 17.6 26.4

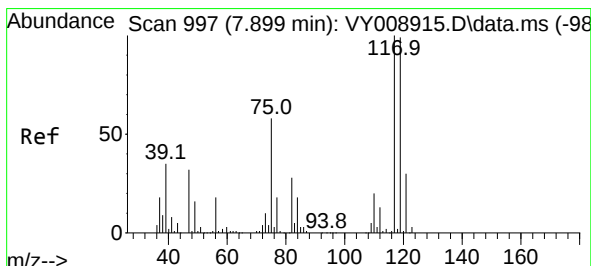
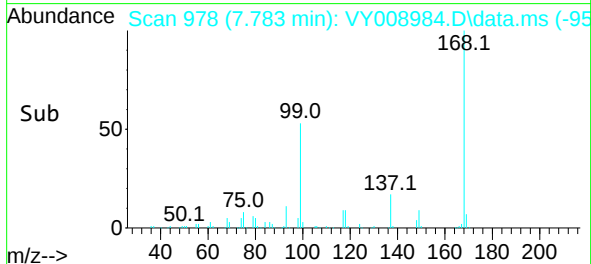
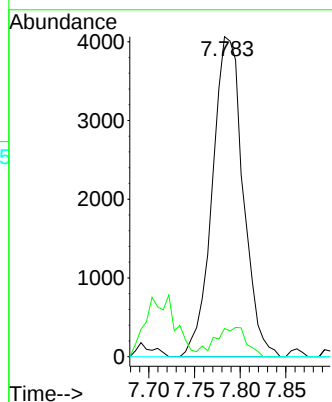
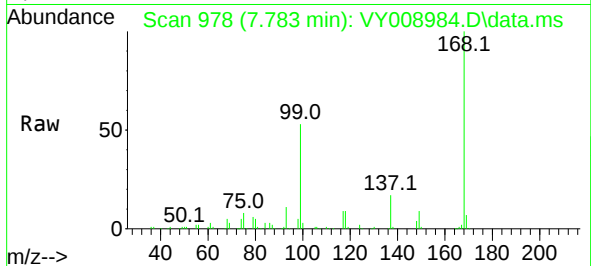




#36
1,1-Dichloropropene
Concen: 4.453 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

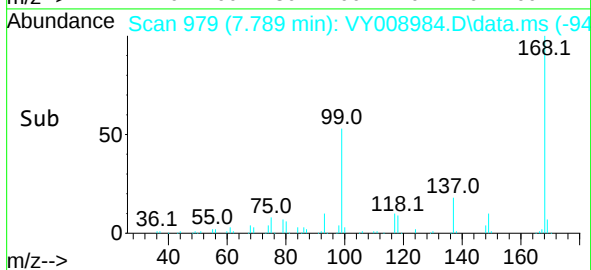
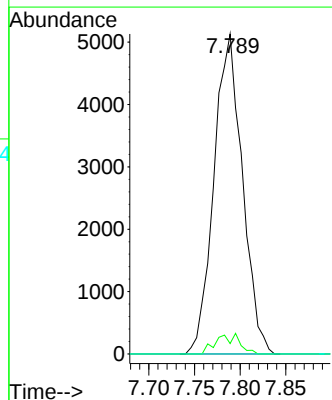
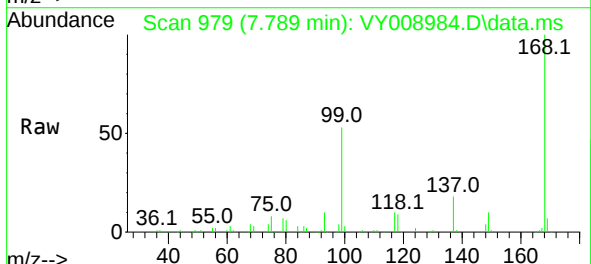
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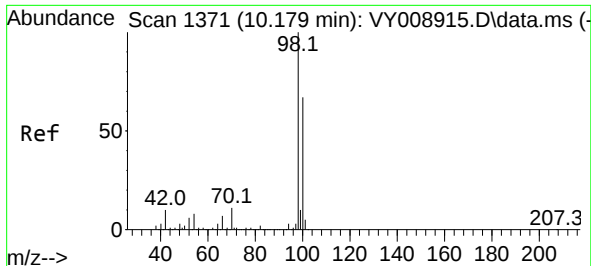
Tgt Ion: 75 Resp: 9521
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.969 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

Tgt Ion: 117 Resp: 11114
Ion Ratio Lower Upper
117 100
119 3.3 77.9 116.9#
121 0.0 24.8 37.2#

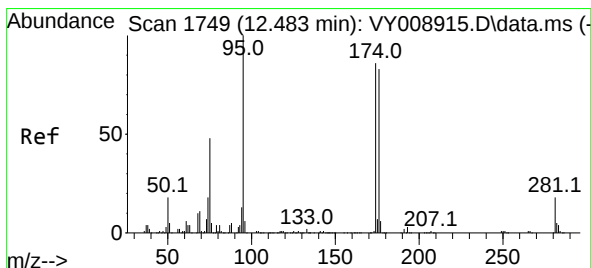
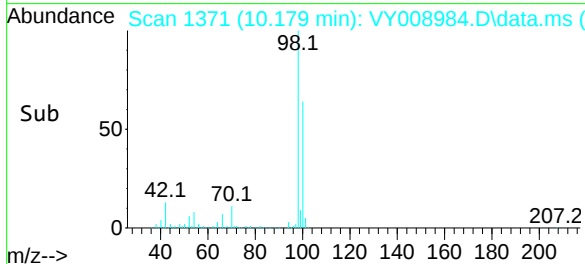
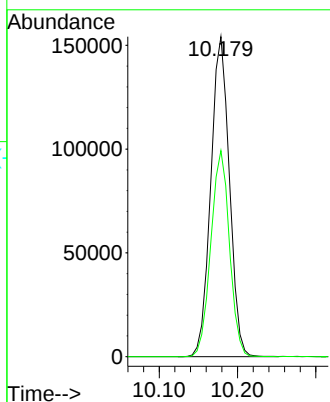
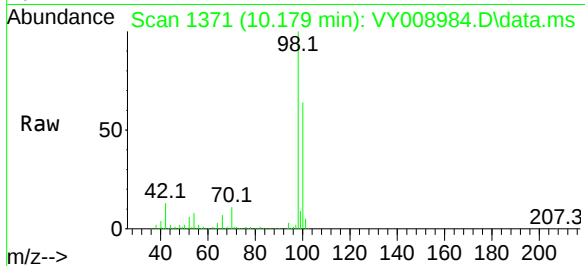




#50
Toluene-d8
Concen: 54.899 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

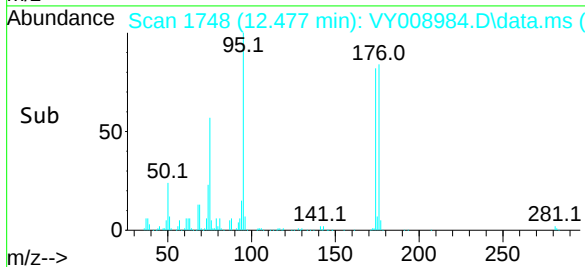
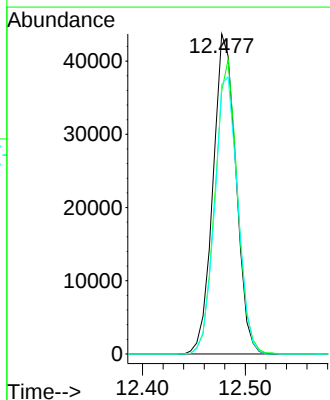
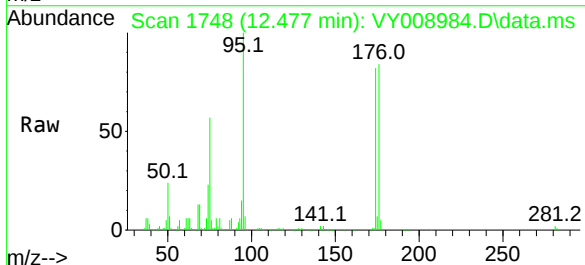
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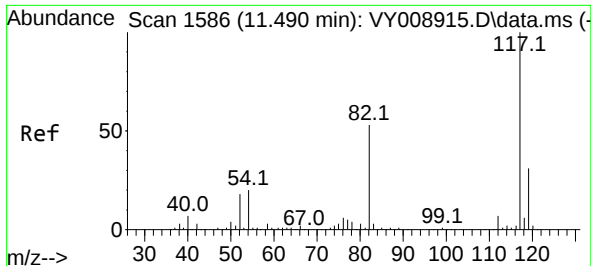
Tgt Ion: 98 Resp: 254466
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.043 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

Tgt Ion: 95 Resp: 67393
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 87.6 0.0 175.8

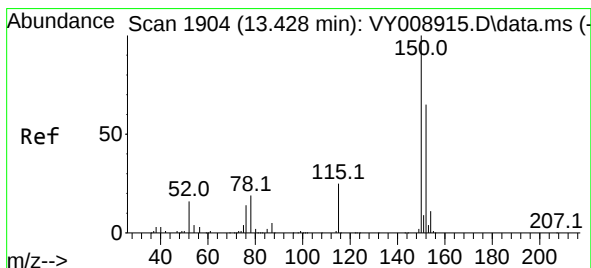
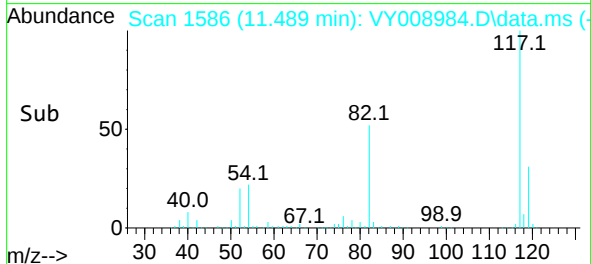
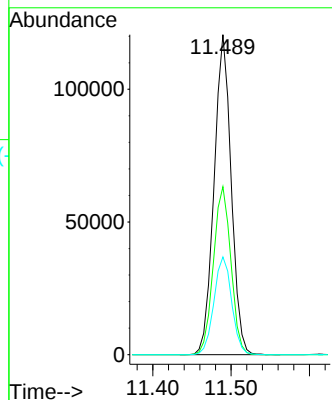
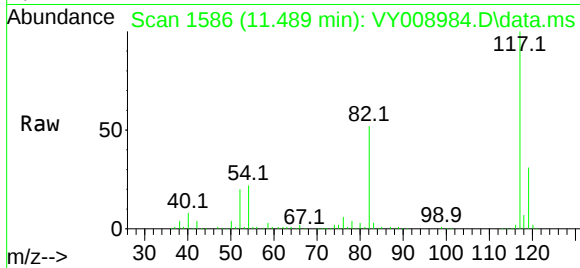




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

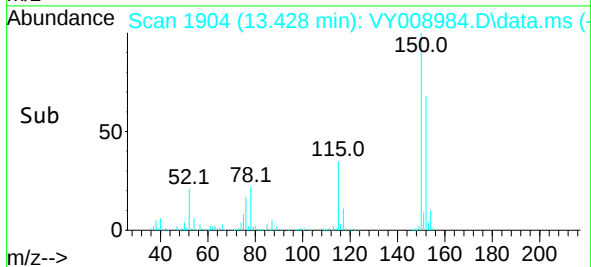
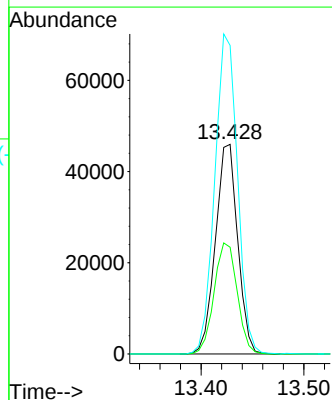
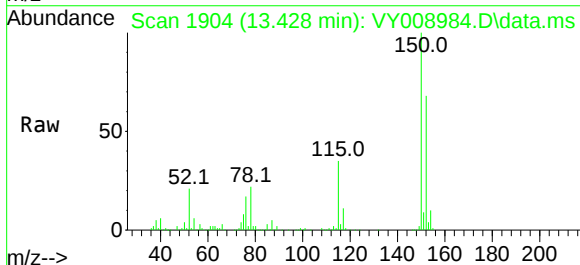
Instrument :
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P040-SS001-0006-01

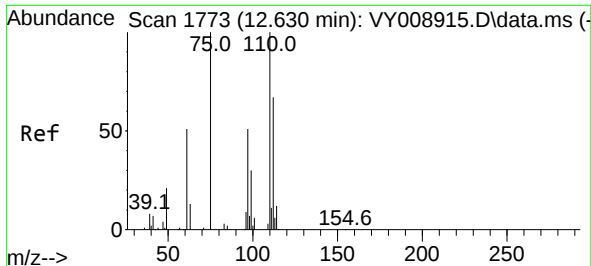
Tgt Ion:117 Resp: 183092
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 30.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

Tgt Ion:152 Resp: 69078
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.7
150 155.6 0.0 347.6

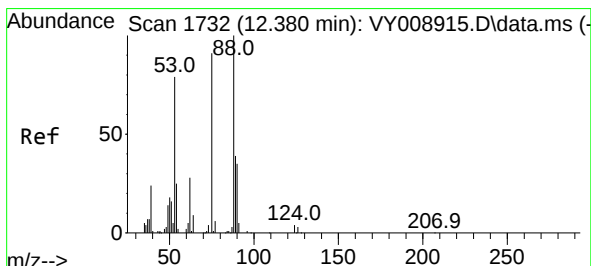
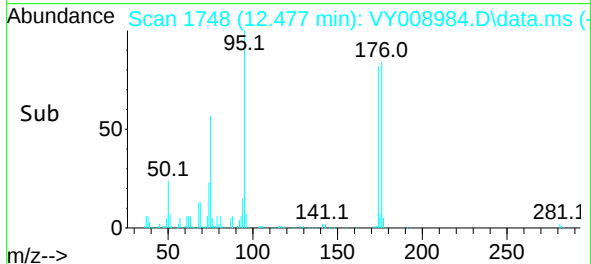
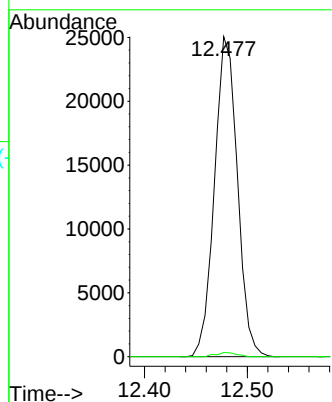
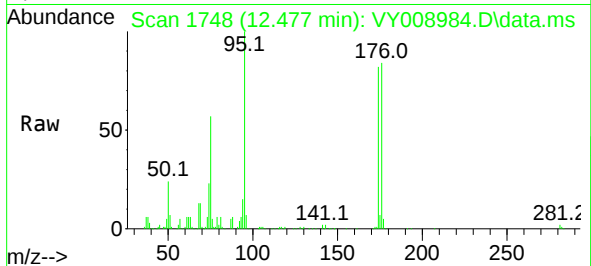




#76
1,2,3-Trichloropropane
Concen: 52.269 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

Instrument :
MSVOA_Y
ClientSampleId :
P040-SS001-0006-01

Tgt Ion: 75 Resp: 38774
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 107.282 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY008984.D
Acq: 22 May 2022 06:11

Tgt Ion: 75 Resp: 38774
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

