

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009058.D
 Acq On : 24 May 2022 13:47
 Operator : KP/MD
 Sample : N2959-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 284

Quant Time: May 25 02:51:48 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)

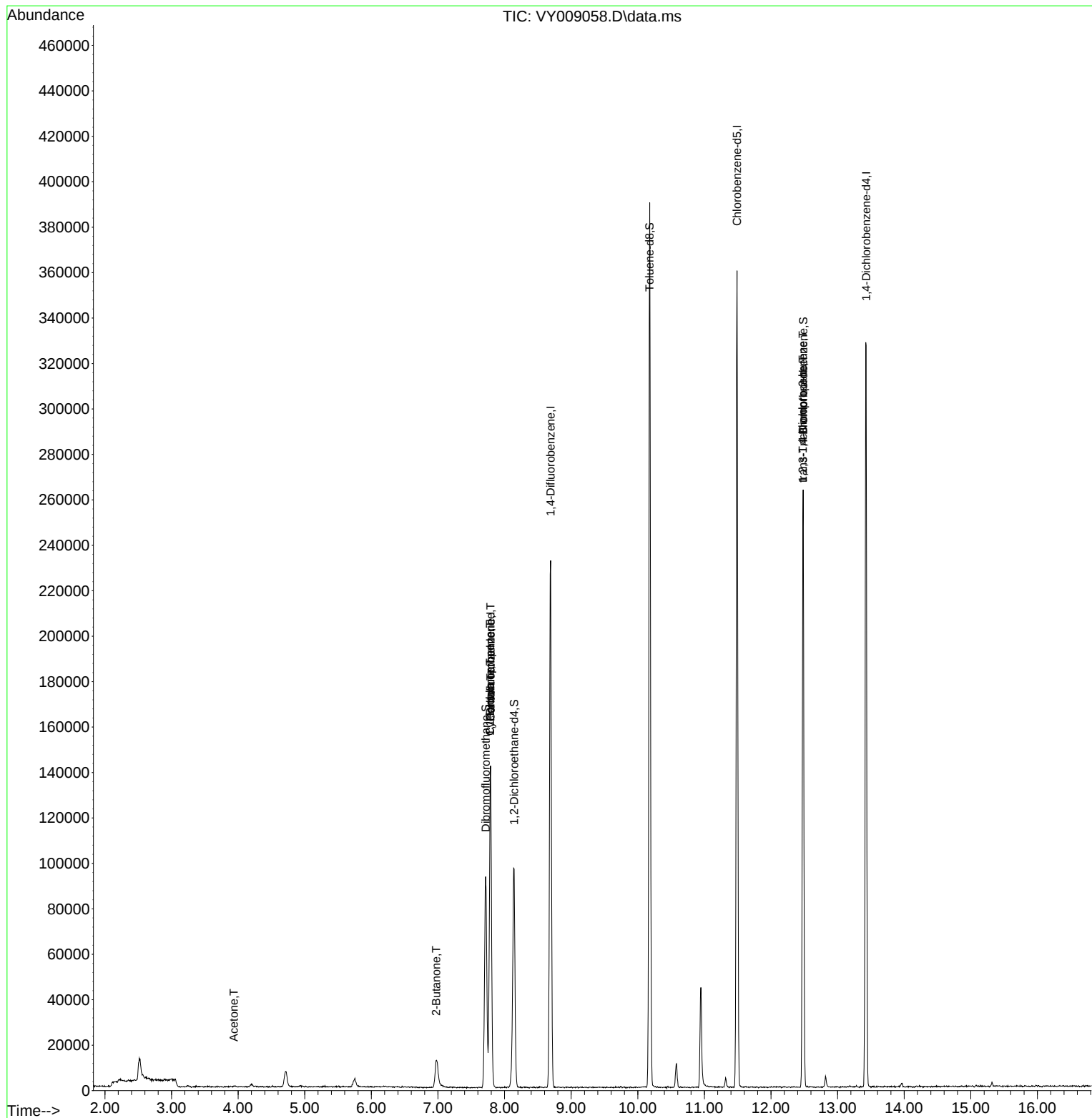
Internal Standards						
1) Pentafluorobenzene	7.789	168	105300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	192065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69195	63.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.700%	
35) Dibromofluoromethane	7.716	113	62277	52.143	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.280%	
50) Toluene-d8	10.179	98	240122	54.498	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.000%	
62) 4-Bromofluorobenzene	12.483	95	68592	38.592	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.180%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	348	1.543	ug/l #	47
20) Methylene Chloride	4.716	84	4873	Below Cal	#	80
25) 2-Butanone	6.972	43	882	2.189	ug/l	95
31) Cyclohexane	7.783	56	2853	1.346	ug/l #	71
36) 1,1-Dichloropropene	7.783	75	9532	4.690	ug/l #	49
38) Carbon Tetrachloride	7.789	117	10654	5.011	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	41000	48.212	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	41000	98.955	ug/l #	7

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

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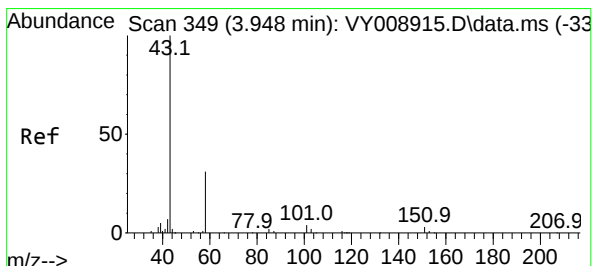
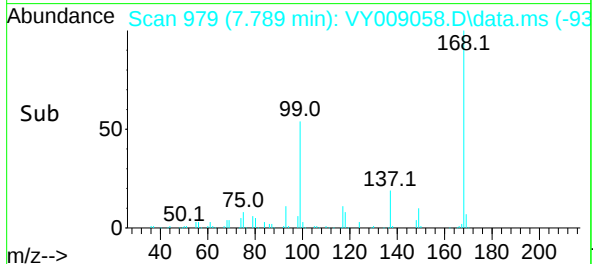
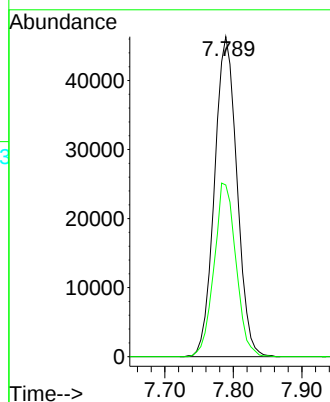
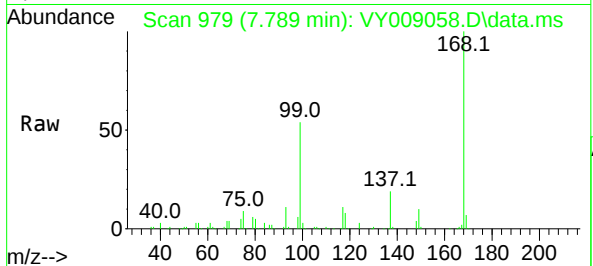




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009058.D
Acq: 24 May 2022 13:47

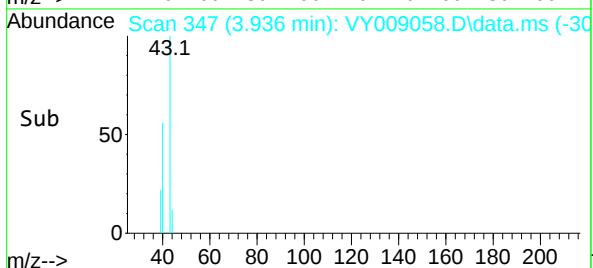
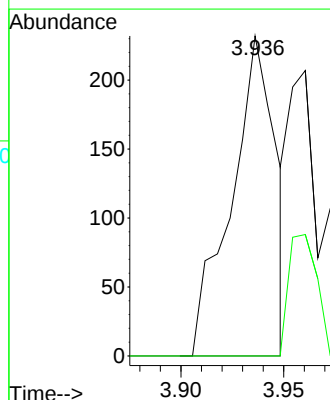
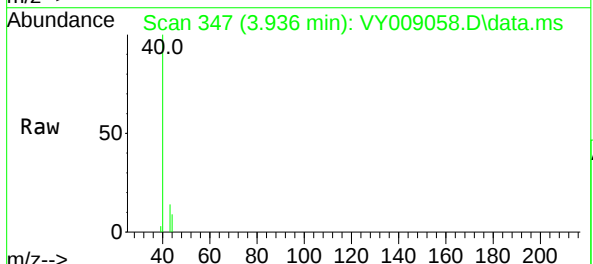
Instrument :
MSVOA_Y
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284

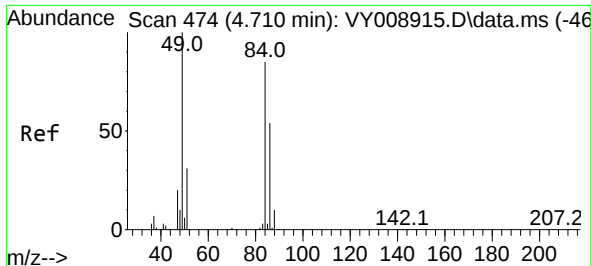
Tgt Ion:168 Resp: 105300
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#16
Acetone
Concen: 1.543 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY009058.D
Acq: 24 May 2022 13:47

Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY009058.D

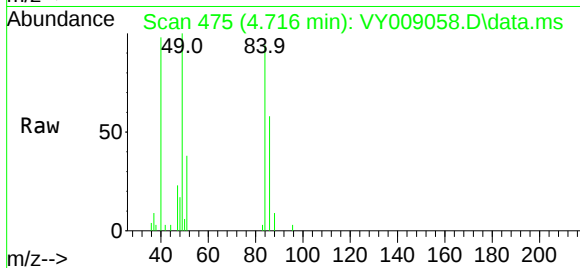
Acq: 24 May 2022 13:47

Instrument :

MSVOA_Y

ClientSampleId :

284



Tgt Ion: 84 Resp: 4873

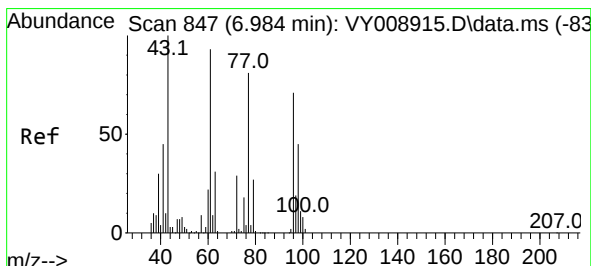
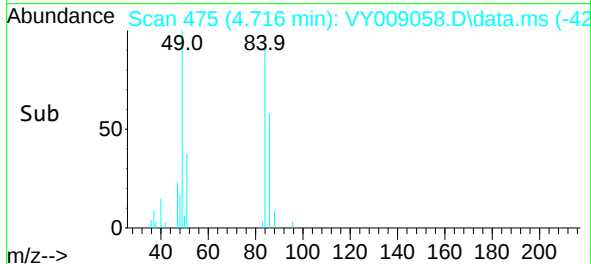
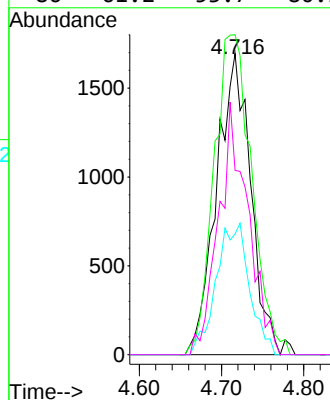
Ion Ratio Lower Upper

84 100

49 106.3 114.4 171.6#

51 40.1 35.3 52.9

86 61.2 53.7 80.5



#25

2-Butanone

Concen: 2.189 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.012 min

Lab File: VY009058.D

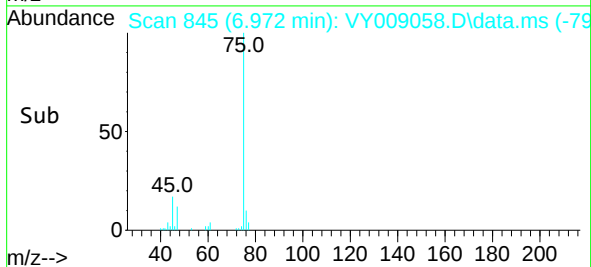
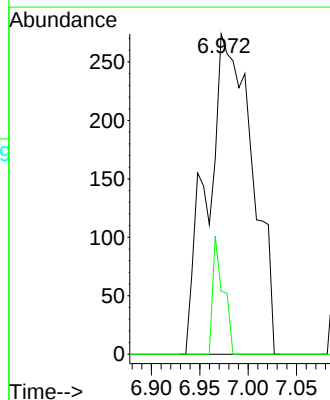
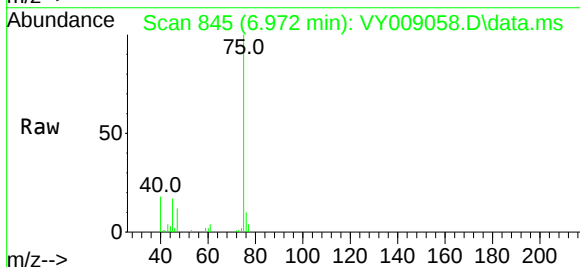
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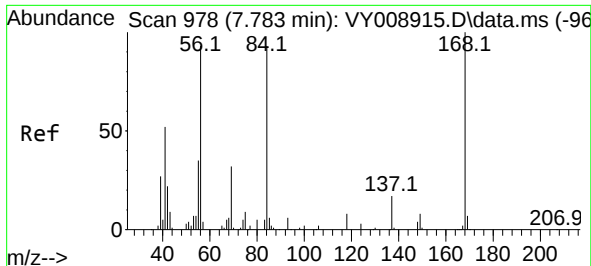
Tgt Ion: 43 Resp: 882

Ion Ratio Lower Upper

43 100

72 19.7 17.7 26.5

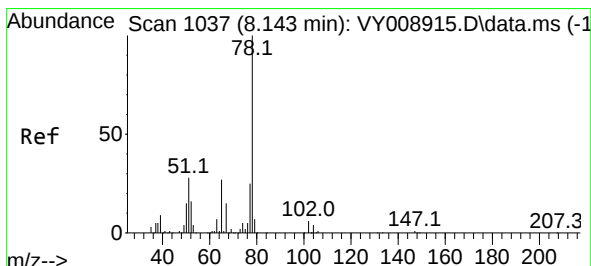
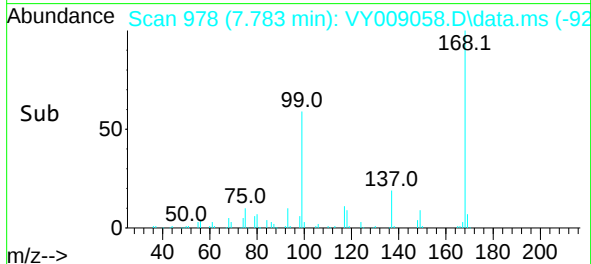
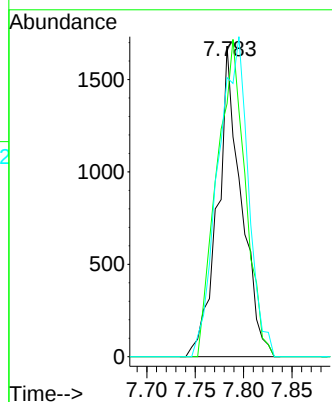
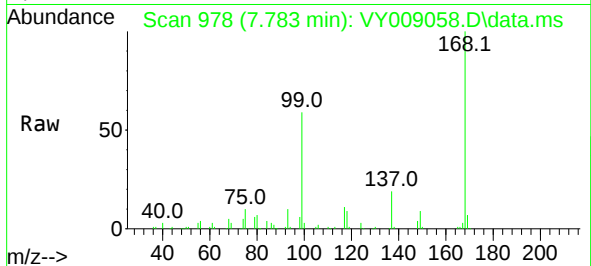




#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009058.D
Acq: 24 May 2022 13:47

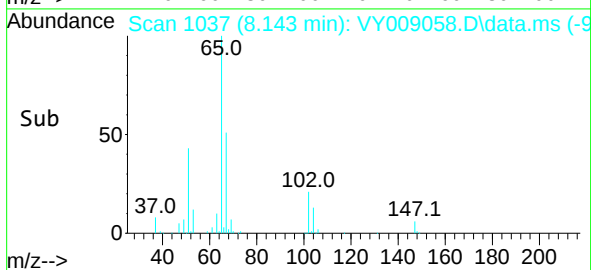
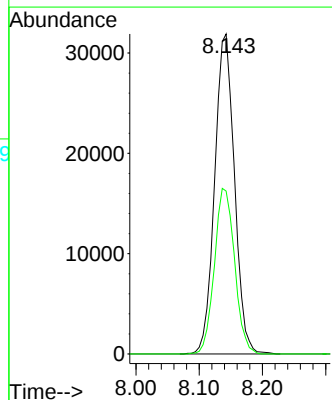
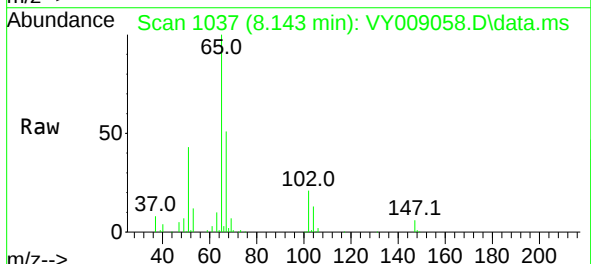
Instrument :
MSVOA_Y
ClientSampleId :
284

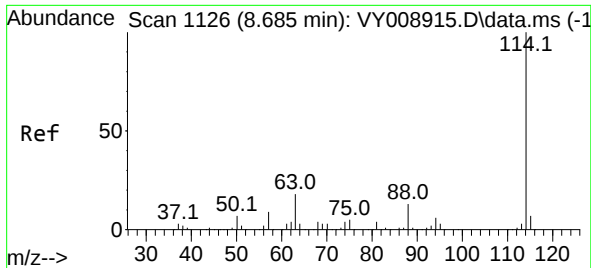
Tgt Ion: 56 Resp: 2853
Ion Ratio Lower Upper
56 100
69 81.5 26.7 40.1#
84 89.8 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 63.849 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY009058.D
Acq: 24 May 2022 13:47

Tgt Ion: 65 Resp: 69195
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4

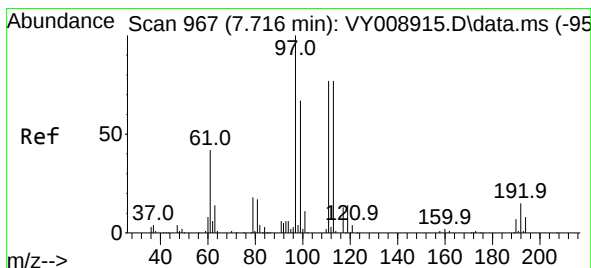
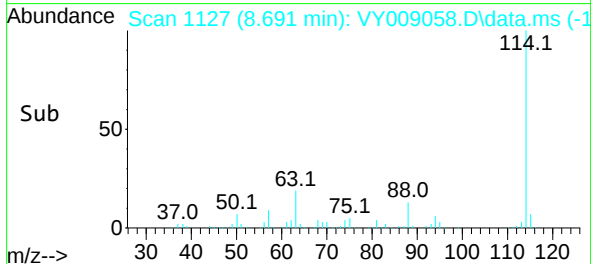
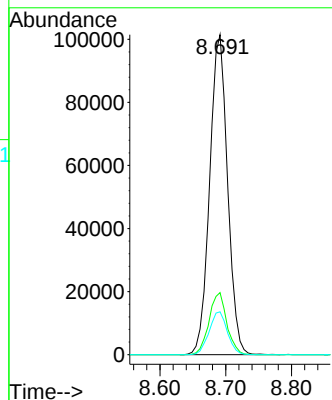
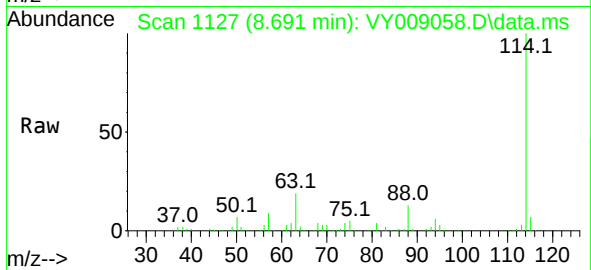




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY009058.D
Acq: 24 May 2022 13:47

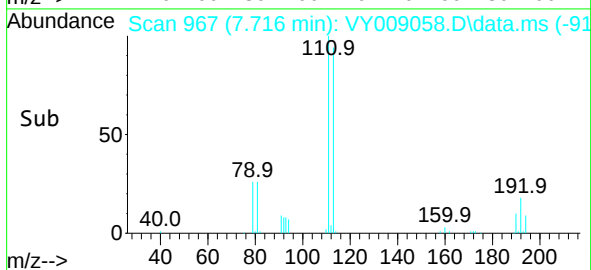
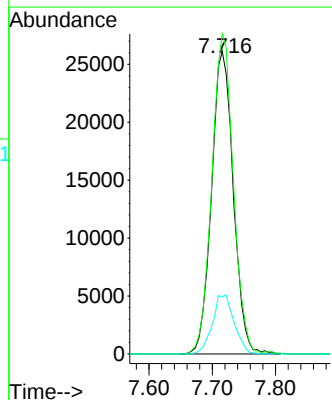
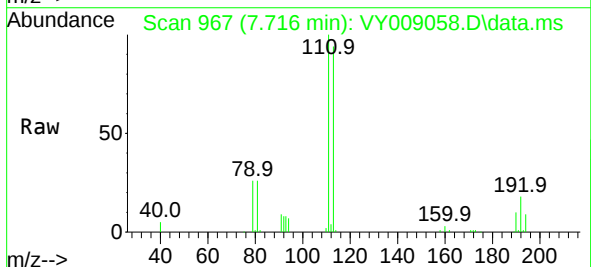
Instrument :
MSVOA_Y
ClientSampleId :
284

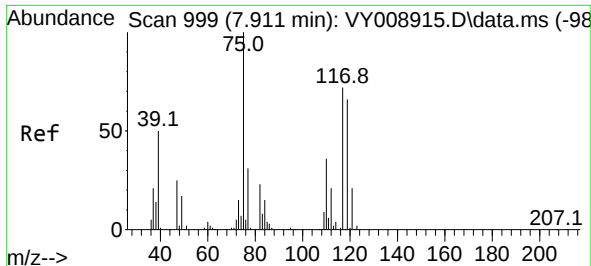
Tgt Ion:114 Resp: 192065
Ion Ratio Lower Upper
114 100
63 19.4 0.0 43.2
88 13.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.143 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009058.D
Acq: 24 May 2022 13:47

Tgt Ion:113 Resp: 62277
Ion Ratio Lower Upper
113 100
111 104.7 82.6 124.0
192 19.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.690 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY009058.D

Acq: 24 May 2022 13:47

Instrument :

MSVOA_Y

ClientSampleId :

284

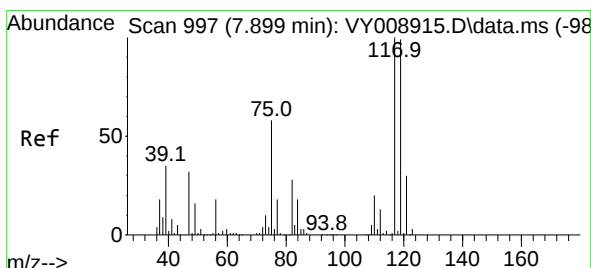
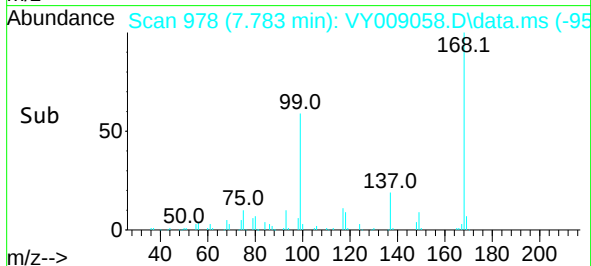
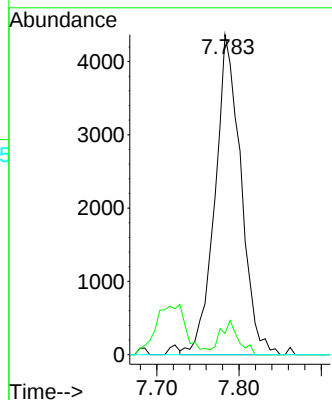
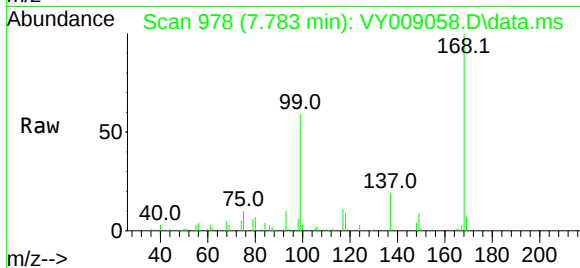
Tgt Ion: 75 Resp: 9532

Ion Ratio Lower Upper

75 100

110 7.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.011 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY009058.D

Acq: 24 May 2022 13:47

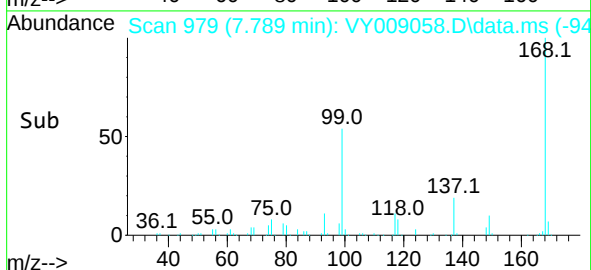
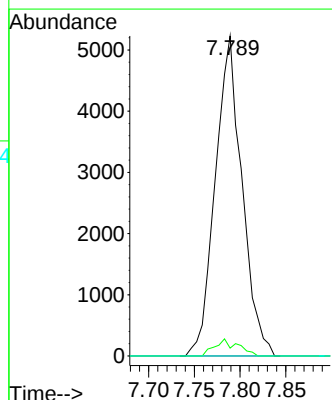
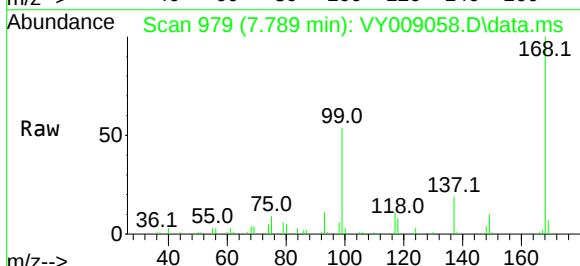
Tgt Ion: 117 Resp: 10654

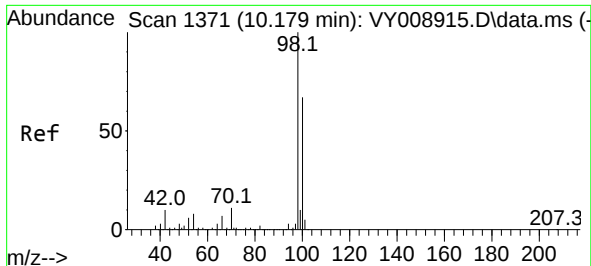
Ion Ratio Lower Upper

117 100

119 2.4 77.9 116.9#

121 0.0 24.8 37.2#

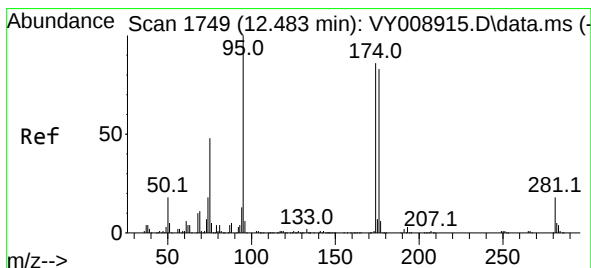
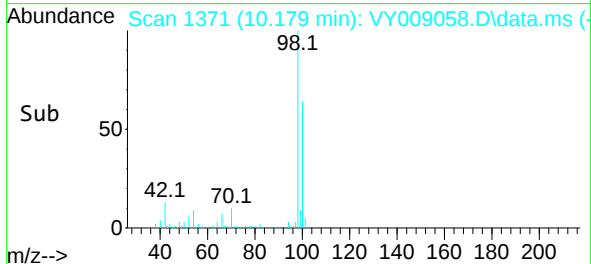
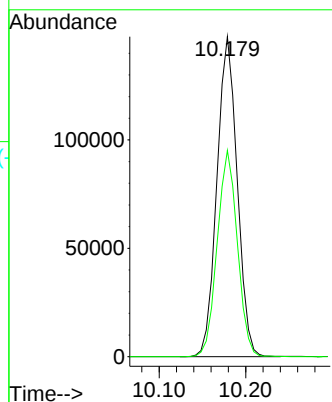
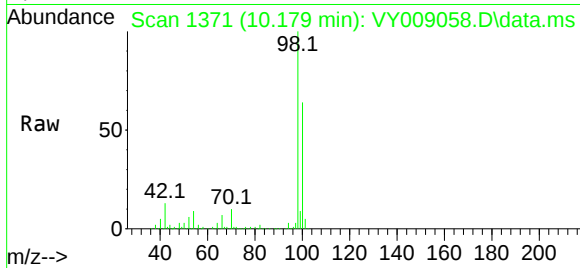




#50
Toluene-d8
Concen: 54.498 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009058.D
Acq: 24 May 2022 13:47

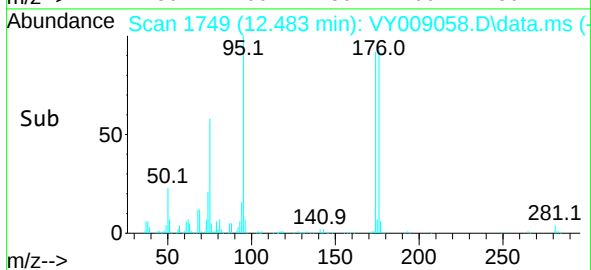
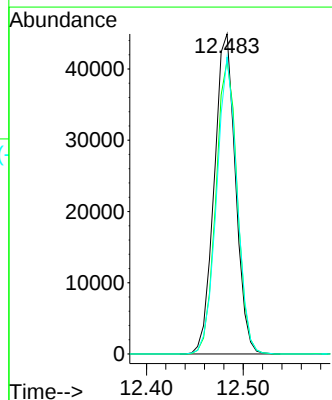
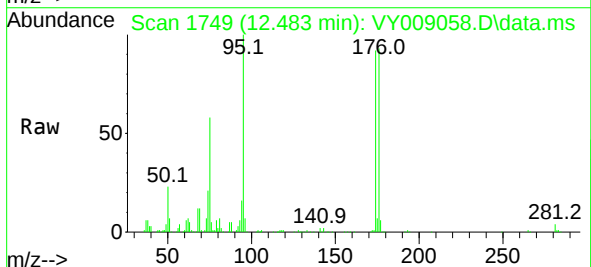
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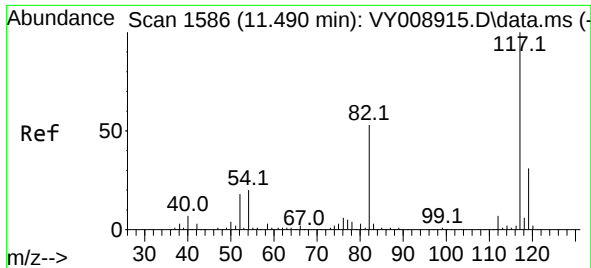
Tgt Ion: 98 Resp: 240122
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.592 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009058.D
Acq: 24 May 2022 13:47

Tgt Ion: 95 Resp: 68592
Ion Ratio Lower Upper
95 100
174 91.6 0.0 177.0
176 89.3 0.0 175.8

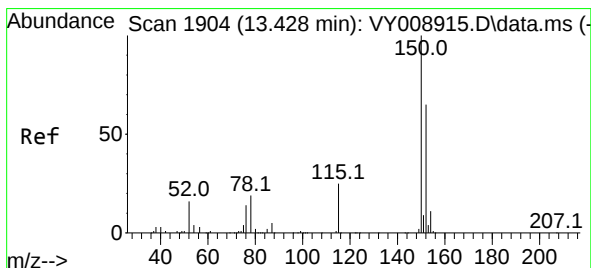
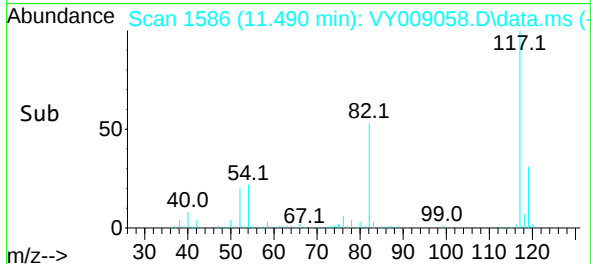
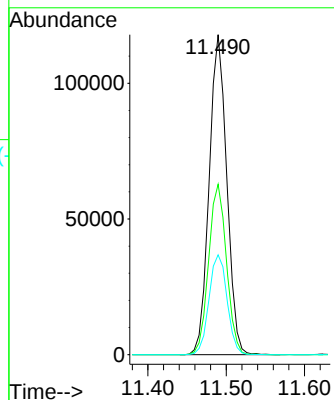
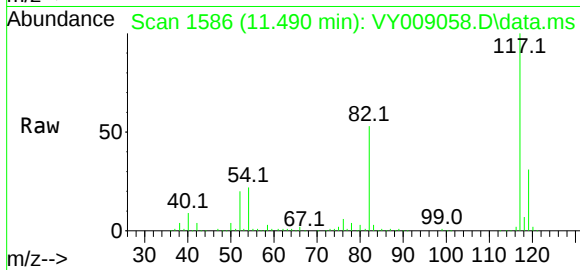




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY009058.D
Acq: 24 May 2022 13:47

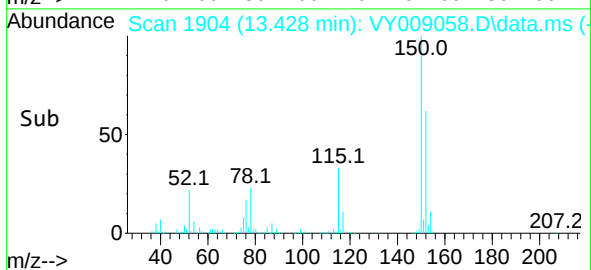
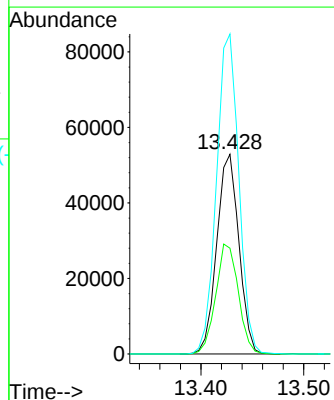
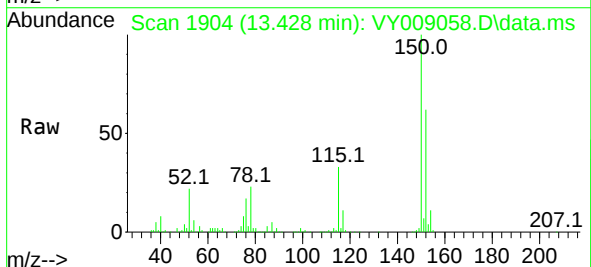
Instrument :
MSVOA_Y
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284

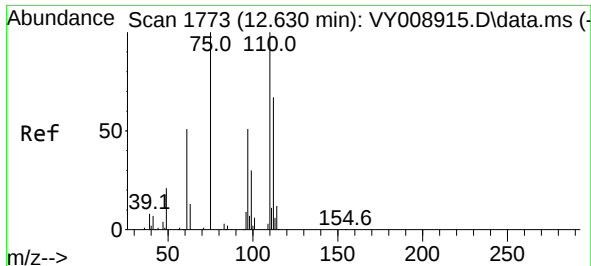
Tgt Ion:117 Resp: 183754
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009058.D
Acq: 24 May 2022 13:47

Tgt Ion:152 Resp: 79191
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 160.9 0.0 347.6

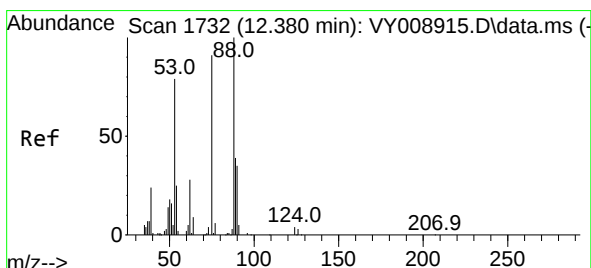
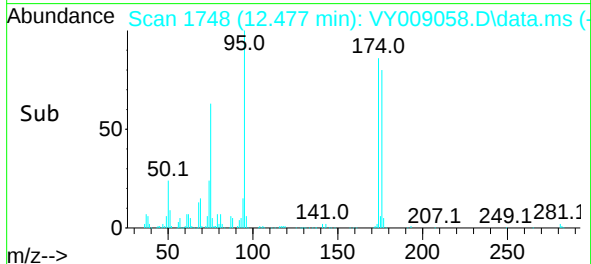
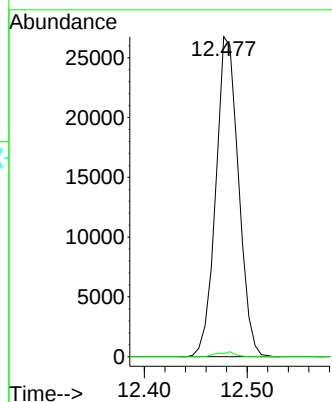
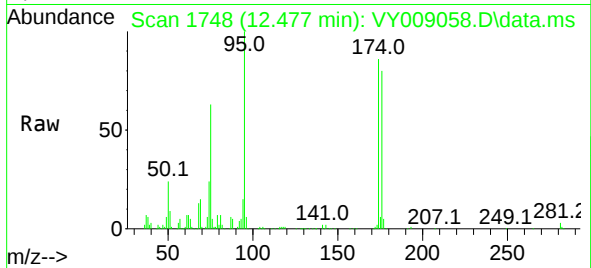




#76
1,2,3-Trichloropropane
Concen: 48.212 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009058.D
Acq: 24 May 2022 13:47

Instrument :
MSVOA_Y
ClientSampleId :
284

Tgt Ion: 75 Resp: 41000
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.955 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY009058.D
Acq: 24 May 2022 13:47

Tgt Ion: 75 Resp: 41000
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

